

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
CDWR_Ex_6x16OnPl	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2008		52,232.51	1,263.32	52,232.51	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	1	8,073.55	187.36	8,073.55	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	2	5,019.25	125.47	5,019.25	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	3	2,481.94	63.51	2,481.94	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	4	2,268.38	67.28	2,268.38	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	5	2,049.20	66.02	2,049.20	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	6	1,319.37	39.13	1,319.37	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	7	4,045.37	83.25	4,045.37	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	8	5,648.58	119.93	5,648.58	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	9	2,918.05	71.96	2,918.05	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	10	4,775.98	130.88	4,775.98	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	11	6,638.65	156.59	6,638.65	0.00	0.00	0.00	0.00
CNP15_Markets p	2008	12	6,994.17	151.95	6,994.17	0.00	0.00	0.00	0.00
CNP15_Markets s	2008		-9,615.79	-229.25	-9,615.79	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	1	-2.90	-0.07	-2.90	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	2	-115.37	-2.74	-115.37	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	3	-744.24	-18.26	-744.24	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	4	-517.29	-12.04	-517.29	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	5	-1,597.45	-34.71	-1,597.45	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	6	-2,902.24	-65.45	-2,902.24	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	7	-2,022.19	-50.56	-2,022.19	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	8	-1,007.35	-27.83	-1,007.35	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	9	-372.52	-9.34	-372.52	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	10	-107.01	-2.31	-107.01	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	11	-73.18	-1.97	-73.18	0.00	0.00	0.00	0.00
CNP15_Markets s	2008	12	-154.05	-3.95	-154.05	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2008		73,025.92	1,751.99	66,438.16	90.62	4,834.68	1,660.26	2.21
Cosumnes SMUD 1a	2008	1	7,048.90	150.05	6,492.69	1.32	414.08	140.62	0.19
Cosumnes SMUD 1a	2008	2	6,068.02	135.69	5,560.70	1.17	374.43	131.55	0.17
Cosumnes SMUD 1a	2008	3	6,262.01	147.10	5,714.10	1.18	405.92	140.62	0.18
Cosumnes SMUD 1a	2008	4	5,180.95	125.26	4,697.95	1.10	345.66	136.09	0.16
Cosumnes SMUD 1a	2008	5	5,325.00	131.66	4,800.68	20.20	363.33	140.62	0.17
Cosumnes SMUD 1a	2008	6	5,880.05	149.50	5,330.18	1.05	412.55	136.09	0.19
Cosumnes SMUD 1a	2008	7	5,319.66	135.02	4,786.67	19.60	372.60	140.62	0.17
Cosumnes SMUD 1a	2008	8	6,226.49	160.29	5,642.26	1.07	442.33	140.62	0.20
Cosumnes SMUD 1a	2008	9	6,245.20	160.37	5,665.33	1.05	442.54	136.09	0.20
Cosumnes SMUD 1a	2008	10	6,229.15	152.48	5,646.91	20.65	420.78	140.62	0.19
Cosumnes SMUD 1a	2008	11	5,869.47	138.43	5,330.22	21.00	382.00	136.09	0.17
Cosumnes SMUD 1a	2008	12	7,371.02	166.13	6,770.48	1.25	458.45	140.62	0.21
Cosumnes SMUD 1b	2008		57,359.57	1,346.34	51,191.71	790.62	3,715.26	1,660.26	1.72
Cosumnes SMUD 1b	2008	1	6,439.36	135.76	5,876.94	46.98	374.65	140.62	0.17
Cosumnes SMUD 1b	2008	2	4,264.20	93.01	3,814.08	61.79	256.66	131.55	0.12
Cosumnes SMUD 1b	2008	3	5,255.06	121.79	4,736.00	42.21	336.07	140.62	0.15
Cosumnes SMUD 1b	2008	4	3,674.66	86.62	3,222.03	77.40	239.03	136.09	0.11
Cosumnes SMUD 1b	2008	5	3,686.55	88.40	3,205.29	96.58	243.94	140.62	0.11
Cosumnes SMUD 1b	2008	6	4,886.11	122.80	4,373.74	37.27	338.86	136.09	0.16

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3b	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 1	2008		2,142.35	22.71	1,184.26	45.84	242.61	669.64	0.00
GenGT SMUD 1	2008	1	248.85	2.66	157.36	6.37	28.39	56.72	0.00
GenGT SMUD 1	2008	2	202.75	2.15	120.71	5.96	23.02	53.06	0.00
GenGT SMUD 1	2008	3	139.15	1.24	65.98	3.20	13.25	56.72	0.00
GenGT SMUD 1	2008	4	97.91	0.69	35.06	0.64	7.33	54.89	0.00
GenGT SMUD 1	2008	5	117.31	0.97	48.26	1.93	10.41	56.72	0.00
GenGT SMUD 1	2008	6	172.22	1.93	93.63	3.10	20.61	54.89	0.00
GenGT SMUD 1	2008	7	201.66	2.39	114.92	4.47	25.55	56.72	0.00
GenGT SMUD 1	2008	8	240.05	3.06	146.85	3.83	32.65	56.72	0.00
GenGT SMUD 1	2008	9	188.95	2.19	106.38	4.33	23.35	54.89	0.00
GenGT SMUD 1	2008	10	115.67	0.93	47.09	1.93	9.94	56.72	0.00
GenGT SMUD 1	2008	11	170.87	1.76	93.50	3.71	18.77	54.89	0.00
GenGT SMUD 1	2008	12	246.95	2.75	154.52	6.37	29.34	56.72	0.00
GenGT SMUD 10	2008		1,865.22	18.51	960.67	37.16	197.76	669.64	0.00
GenGT SMUD 10	2008	1	219.08	2.26	133.76	4.47	24.13	56.72	0.00
GenGT SMUD 10	2008	2	142.33	1.28	71.96	3.59	13.72	53.06	0.00
GenGT SMUD 10	2008	3	96.07	0.58	30.63	2.56	6.15	56.72	0.00
GenGT SMUD 10	2008	4	76.72	0.34	17.53	0.64	3.66	54.89	0.00
GenGT SMUD 10	2008	5	106.01	0.80	39.48	1.29	8.52	56.72	0.00
GenGT SMUD 10	2008	6	146.22	1.50	72.82	2.48	16.03	54.89	0.00
GenGT SMUD 10	2008	7	195.83	2.30	110.67	3.83	24.61	56.72	0.00
GenGT SMUD 10	2008	8	227.04	2.83	136.21	3.83	30.28	56.72	0.00
GenGT SMUD 10	2008	9	178.77	2.01	98.04	4.33	21.52	54.89	0.00
GenGT SMUD 10	2008	10	107.53	0.80	40.36	1.93	8.52	56.72	0.00
GenGT SMUD 10	2008	11	156.57	1.54	82.10	3.10	16.49	54.89	0.00
GenGT SMUD 10	2008	12	213.06	2.26	127.11	5.10	24.13	56.72	0.00
GenGT SMUD 11	2008		1,678.92	15.60	805.37	37.18	166.73	669.64	0.00
GenGT SMUD 11	2008	1	182.56	1.73	102.29	5.10	18.45	56.72	0.00
GenGT SMUD 11	2008	2	117.45	0.91	51.07	3.59	9.74	53.06	0.00
GenGT SMUD 11	2008	3	114.61	0.89	47.13	1.29	9.46	56.72	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 2	2008	1	145.41	1.20	70.81	5.10	12.78	56.72	0.00
GenGT SMUD 2	2008	2	127.92	1.08	60.36	2.99	11.51	53.06	0.00
GenGT SMUD 2	2008	3	111.78	0.84	44.77	1.29	8.99	56.72	0.00
GenGT SMUD 2	2008	4	92.61	0.60	30.67	0.64	6.41	54.89	0.00
GenGT SMUD 2	2008	5	90.65	0.53	26.32	1.93	5.68	56.72	0.00
GenGT SMUD 2	2008	6	141.14	1.41	68.66	2.48	15.11	54.89	0.00
GenGT SMUD 2	2008	7	164.61	1.77	85.13	3.83	18.93	56.72	0.00
GenGT SMUD 2	2008	8	206.23	2.48	119.18	3.83	26.50	56.72	0.00
GenGT SMUD 2	2008	9	152.11	1.59	77.18	3.10	16.94	54.89	0.00
GenGT SMUD 2	2008	10	82.45	0.40	20.18	1.29	4.26	56.72	0.00
GenGT SMUD 2	2008	11	117.61	0.94	50.17	2.48	10.07	54.89	0.00
GenGT SMUD 2	2008	12	166.25	1.55	87.23	5.74	16.56	56.72	0.00
GenGT SMUD 20	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 25	2008		1,412.63	11.60	592.43	26.59	123.98	669.64	0.00
GenGT SMUD 25	2008	1	128.03	0.97	57.70	3.20	10.41	56.72	0.00
GenGT SMUD 25	2008	2	107.97	0.79	44.11	2.40	8.41	53.06	0.00
GenGT SMUD 25	2008	3	59.57	0.04	2.36	0.02	0.47	56.72	0.00
GenGT SMUD 25	2008	4	92.61	0.60	30.67	0.64	6.41	54.89	0.00
GenGT SMUD 25	2008	5	90.01	0.53	26.32	1.29	5.68	56.72	0.00
GenGT SMUD 25	2008	6	127.83	1.20	58.26	1.87	12.82	54.89	0.00
GenGT SMUD 25	2008	7	164.61	1.77	85.13	3.83	18.93	56.72	0.00
GenGT SMUD 25	2008	8	193.23	2.26	108.54	3.83	24.13	56.72	0.00
GenGT SMUD 25	2008	9	138.77	1.37	66.75	2.48	14.65	54.89	0.00
GenGT SMUD 25	2008	10	79.74	0.35	17.94	1.29	3.79	56.72	0.00
GenGT SMUD 25	2008	11	89.00	0.51	27.37	1.25	5.50	54.89	0.00
GenGT SMUD 25	2008	12	141.26	1.20	67.29	4.47	12.78	56.72	0.00
GenGT SMUD 26	2008		1,285.40	9.61	489.55	23.50	102.71	669.64	0.00
GenGT SMUD 26	2008	1	106.36	0.66	39.34	3.20	7.10	56.72	0.00
GenGT SMUD 26	2008	2	90.80	0.54	30.18	1.80	5.75	53.06	0.00
GenGT SMUD 26	2008	3	99.82	0.66	35.35	0.66	7.10	56.72	0.00
GenGT SMUD 26	2008	4	82.02	0.43	21.91	0.64	4.58	54.89	0.00
GenGT SMUD 26	2008	5	81.38	0.40	19.74	0.66	4.26	56.72	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 36	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 4	2008		1,020.95	5.57	276.39	15.36	59.56	669.64	0.00
GenGT SMUD 4	2008	1	75.95	0.27	15.74	0.66	2.84	56.72	0.00
GenGT SMUD 4	2008	2	59.20	0.08	4.64	0.62	0.89	53.06	0.00
GenGT SMUD 4	2008	3	62.40	0.09	4.71	0.02	0.95	56.72	0.00
GenGT SMUD 4	2008	4	57.56	0.04	2.19	0.02	0.46	54.89	0.00
GenGT SMUD 4	2008	5	82.01	0.40	19.74	1.29	4.26	56.72	0.00
GenGT SMUD 4	2008	6	94.22	0.64	31.21	1.25	6.87	54.89	0.00
GenGT SMUD 4	2008	7	149.00	1.51	72.36	3.83	16.09	56.72	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 44	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2008		982.36	5.01	246.38	12.84	53.52	669.64	0.00
GenGT SMUD 45	2008	1	69.76	0.18	10.49	0.66	1.89	56.72	0.00
GenGT SMUD 45	2008	2	53.06	0.00	0.00	0.00	0.00	53.06	0.00
GenGT SMUD 45	2008	3	59.57	0.04	2.36	0.02	0.47	56.72	0.00
GenGT SMUD 45	2008	4	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 45	2008	5	79.35	0.35	17.55	1.29	3.79	56.72	0.00
GenGT SMUD 45	2008	6	96.76	0.69	33.29	1.25	7.33	54.89	0.00
GenGT SMUD 45	2008	7	139.23	1.33	63.85	4.47	14.20	56.72	0.00
GenGT SMUD 45	2008	8	153.57	1.59	76.62	3.20	17.03	56.72	0.00
GenGT SMUD 45	2008	9	86.67	0.51	25.03	1.25	5.50	54.89	0.00
GenGT SMUD 45	2008	10	59.46	0.04	2.24	0.02	0.47	56.72	0.00
GenGT SMUD 45	2008	11	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 45	2008	12	75.17	0.27	14.95	0.66	2.84	56.72	0.00
GenGT SMUD 46	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2008		912.88	3.91	190.60	10.91	41.73	669.64	0.00
GenGT SMUD 5	2008	1	62.93	0.09	5.25	0.02	0.95	56.72	0.00
GenGT SMUD 5	2008	2	55.85	0.04	2.32	0.02	0.44	53.06	0.00
GenGT SMUD 5	2008	3	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 5	2008	4	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 5	2008	5	70.71	0.22	10.97	0.66	2.37	56.72	0.00
GenGT SMUD 5	2008	6	91.68	0.60	29.13	1.25	6.41	54.89	0.00
GenGT SMUD 5	2008	7	128.19	1.15	55.33	3.83	12.30	56.72	0.00
GenGT SMUD 5	2008	8	138.60	1.33	63.85	3.83	14.20	56.72	0.00
GenGT SMUD 5	2008	9	79.04	0.39	18.77	1.25	4.12	54.89	0.00
GenGT SMUD 5	2008	10	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 5	2008	11	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 5	2008	12	62.67	0.09	4.98	0.02	0.95	56.72	0.00
GenGT SMUD 6	2008		871.73	3.25	157.72	9.63	34.74	669.64	0.00
GenGT SMUD 6	2008	1	59.84	0.04	2.62	0.02	0.47	56.72	0.00
GenGT SMUD 6	2008	2	55.85	0.04	2.32	0.02	0.44	53.06	0.00
GenGT SMUD 6	2008	3	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 6	2008	4	54.89	0.00	0.00	0.00	0.00	54.89	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 6	2008	5	68.04	0.18	8.77	0.66	1.89	56.72	0.00
GenGT SMUD 6	2008	6	76.45	0.34	16.65	1.25	3.66	54.89	0.00
GenGT SMUD 6	2008	7	128.19	1.15	55.33	3.83	12.30	56.72	0.00
GenGT SMUD 6	2008	8	127.55	1.15	55.33	3.20	12.30	56.72	0.00
GenGT SMUD 6	2008	9	75.88	0.34	16.69	0.64	3.66	54.89	0.00
GenGT SMUD 6	2008	10	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 6	2008	11	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 6	2008	12	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 7	2008		836.10	2.68	129.51	8.34	28.62	669.64	0.00
GenGT SMUD 7	2008	1	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 7	2008	2	55.85	0.04	2.32	0.02	0.44	53.06	0.00
GenGT SMUD 7	2008	3	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 7	2008	4	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 7	2008	5	62.08	0.09	4.39	0.02	0.95	56.72	0.00
GenGT SMUD 7	2008	6	76.45	0.34	16.65	1.25	3.66	54.89	0.00
GenGT SMUD 7	2008	7	106.74	0.80	38.31	3.20	8.52	56.72	0.00
GenGT SMUD 7	2008	8	127.55	1.15	55.33	3.20	12.30	56.72	0.00
GenGT SMUD 7	2008	9	70.79	0.26	12.52	0.64	2.75	54.89	0.00
GenGT SMUD 7	2008	10	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 7	2008	11	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 7	2008	12	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 8	2008		824.95	2.51	120.82	7.70	26.79	669.64	0.00
GenGT SMUD 8	2008	1	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 8	2008	2	53.06	0.00	0.00	0.00	0.00	53.06	0.00
GenGT SMUD 8	2008	3	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 8	2008	4	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 8	2008	5	59.41	0.04	2.19	0.02	0.47	56.72	0.00
GenGT SMUD 8	2008	6	76.45	0.34	16.65	1.25	3.66	54.89	0.00
GenGT SMUD 8	2008	7	111.95	0.89	42.56	3.20	9.46	56.72	0.00
GenGT SMUD 8	2008	8	122.35	1.06	51.08	3.20	11.36	56.72	0.00
GenGT SMUD 8	2008	9	65.09	0.17	8.34	0.02	1.83	54.89	0.00
GenGT SMUD 8	2008	10	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 8	2008	11	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 8	2008	12	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 9	2008		797.07	2.07	99.58	5.77	22.09	669.64	0.00
GenGT SMUD 9	2008	1	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 9	2008	2	53.06	0.00	0.00	0.00	0.00	53.06	0.00
GenGT SMUD 9	2008	3	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 9	2008	4	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 9	2008	5	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 9	2008	6	68.22	0.21	10.40	0.64	2.29	54.89	0.00
GenGT SMUD 9	2008	7	106.11	0.80	38.31	2.56	8.52	56.72	0.00
GenGT SMUD 9	2008	8	108.07	0.84	40.44	1.93	8.99	56.72	0.00
GenGT SMUD 9	2008	9	68.25	0.21	10.43	0.64	2.29	54.89	0.00
GenGT SMUD 9	2008	10	56.72	0.00	0.00	0.00	0.00	56.72	0.00
GenGT SMUD 9	2008	11	54.89	0.00	0.00	0.00	0.00	54.89	0.00
GenGT SMUD 9	2008	12	56.72	0.00	0.00	0.00	0.00	56.72	0.00
Jaybird	2008		3,245.81	532.10	3,245.81	0.00	0.00	0.00	0.00
Jaybird	2008	1	214.11	35.10	214.11	0.00	0.00	0.00	0.00
Jaybird	2008	2	239.73	39.30	239.73	0.00	0.00	0.00	0.00
Jaybird	2008	3	319.64	52.40	319.64	0.00	0.00	0.00	0.00
Jaybird	2008	4	277.55	45.50	277.55	0.00	0.00	0.00	0.00
Jaybird	2008	5	305.00	50.00	305.00	0.00	0.00	0.00	0.00
Jaybird	2008	6	301.34	49.40	301.34	0.00	0.00	0.00	0.00
Jaybird	2008	7	313.54	51.40	313.54	0.00	0.00	0.00	0.00
Jaybird	2008	8	363.56	59.60	363.56	0.00	0.00	0.00	0.00
Jaybird	2008	9	327.57	53.70	327.57	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Jaybird	2008	10	178.73	29.30	178.73	0.00	0.00	0.00	0.00
Jaybird	2008	11	172.63	28.30	172.63	0.00	0.00	0.00	0.00
Jaybird	2008	12	232.41	38.10	232.41	0.00	0.00	0.00	0.00
Jones Fork	2008		132.37	21.70	132.37	0.00	0.00	0.00	0.00
Jones Fork	2008	1	9.15	1.50	9.15	0.00	0.00	0.00	0.00
Jones Fork	2008	2	10.37	1.70	10.37	0.00	0.00	0.00	0.00
Jones Fork	2008	3	13.42	2.20	13.42	0.00	0.00	0.00	0.00
Jones Fork	2008	4	12.81	2.10	12.81	0.00	0.00	0.00	0.00
Jones Fork	2008	5	13.42	2.20	13.42	0.00	0.00	0.00	0.00
Jones Fork	2008	6	15.86	2.60	15.86	0.00	0.00	0.00	0.00
Jones Fork	2008	7	10.37	1.70	10.37	0.00	0.00	0.00	0.00
Jones Fork	2008	8	11.59	1.90	11.59	0.00	0.00	0.00	0.00
Jones Fork	2008	9	12.81	2.10	12.81	0.00	0.00	0.00	0.00
Jones Fork	2008	10	10.37	1.70	10.37	0.00	0.00	0.00	0.00
Jones Fork	2008	11	4.27	0.70	4.27	0.00	0.00	0.00	0.00
Jones Fork	2008	12	7.93	1.30	7.93	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2008		4,501.37	70.31	2,241.12	0.00	2,250.97	8.87	0.41
Kiefer Landfil 1	2008	1	378.90	5.92	188.64	0.00	189.47	0.75	0.03
Kiefer Landfil 1	2008	2	352.25	5.50	175.37	0.00	176.14	0.70	0.03
Kiefer Landfil 1	2008	3	376.55	5.88	187.47	0.00	188.29	0.75	0.03
Kiefer Landfil 1	2008	4	364.40	5.69	181.42	0.00	182.22	0.73	0.03
Kiefer Landfil 1	2008	5	376.55	5.88	187.47	0.00	188.29	0.75	0.03
Kiefer Landfil 1	2008	6	373.49	5.83	185.96	0.00	186.77	0.73	0.03
Kiefer Landfil 1	2008	7	385.94	6.03	192.16	0.00	193.00	0.75	0.03
Kiefer Landfil 1	2008	8	385.94	6.03	192.16	0.00	193.00	0.75	0.03
Kiefer Landfil 1	2008	9	373.49	5.83	185.96	0.00	186.77	0.73	0.03
Kiefer Landfil 1	2008	10	385.94	6.03	192.16	0.00	193.00	0.75	0.03
Kiefer Landfil 1	2008	11	366.67	5.73	182.55	0.00	183.36	0.73	0.03
Kiefer Landfil 1	2008	12	381.24	5.95	189.81	0.00	190.65	0.75	0.03
Klamath Falls 1	2008		13,625.41	329.30	12,488.08	0.00	658.61	478.31	0.41
Klamath Falls 1	2008	1	1,326.99	28.42	1,229.61	0.00	56.83	40.51	0.04
Klamath Falls 1	2008	2	1,117.18	25.21	1,028.83	0.00	50.42	37.90	0.03
Klamath Falls 1	2008	3	1,185.58	28.05	1,088.94	0.00	56.09	40.51	0.04
Klamath Falls 1	2008	4	951.96	23.11	866.51	0.00	46.21	39.21	0.03
Klamath Falls 1	2008	5	1,063.03	26.52	969.44	0.00	53.04	40.51	0.03
Klamath Falls 1	2008	6	1,028.59	26.28	936.80	0.00	52.55	39.21	0.03
Klamath Falls 1	2008	7	1,156.05	29.82	1,055.86	0.00	59.64	40.51	0.04
Klamath Falls 1	2008	8	1,053.91	27.24	958.88	0.00	54.49	40.51	0.03
Klamath Falls 1	2008	9	1,176.11	30.45	1,075.97	0.00	60.90	39.21	0.04
Klamath Falls 1	2008	10	972.75	23.91	884.38	0.00	47.83	40.51	0.03
Klamath Falls 1	2008	11	1,177.40	28.11	1,081.94	0.00	56.22	39.21	0.04
Klamath Falls 1	2008	12	1,415.85	32.19	1,310.92	0.00	64.39	40.51	0.04
KlamathFalls2_Su	2008		0.00	60.01	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	6	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	7	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	8	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	9	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	10	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2008		592.92	97.20	592.92	0.00	0.00	0.00	0.00
Loon Lake	2008	1	31.72	5.20	31.72	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Peaker SMUD 4	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPL Coal 1	2008		9,281.93	356.38	9,281.63	0.00	0.00	0.00	0.31
PPL Coal 1	2008	1	897.53	30.19	897.51	0.00	0.00	0.00	0.03
PPL Coal 1	2008	2	794.40	28.24	794.37	0.00	0.00	0.00	0.02
PPL Coal 1	2008	3	806.42	30.19	806.39	0.00	0.00	0.00	0.03
PPL Coal 1	2008	4	749.81	29.21	749.79	0.00	0.00	0.00	0.03
PPL Coal 1	2008	5	750.63	30.19	750.60	0.00	0.00	0.00	0.03
PPL Coal 1	2008	6	712.02	29.21	712.00	0.00	0.00	0.00	0.03
PPL Coal 1	2008	7	728.32	30.19	728.29	0.00	0.00	0.00	0.03
PPL Coal 1	2008	8	728.32	30.19	728.29	0.00	0.00	0.00	0.03
PPL Coal 1	2008	9	713.82	29.21	713.79	0.00	0.00	0.00	0.03
PPL Coal 1	2008	10	767.37	30.19	767.34	0.00	0.00	0.00	0.03
PPL Coal 1	2008	11	780.40	29.21	780.38	0.00	0.00	0.00	0.03
PPL Coal 1	2008	12	852.90	30.19	852.88	0.00	0.00	0.00	0.03
PPM Energy 2	2008		12,877.35	310.67	11,777.31	0.00	621.34	478.31	0.39
PPM Energy 2	2008	1	1,240.42	26.52	1,146.84	0.00	53.03	40.51	0.03
PPM Energy 2	2008	2	1,096.56	24.71	1,009.22	0.00	49.41	37.90	0.03
PPM Energy 2	2008	3	845.53	19.65	765.69	0.00	39.30	40.51	0.02
PPM Energy 2	2008	4	1,055.49	25.76	964.73	0.00	51.53	39.21	0.03
PPM Energy 2	2008	5	1,018.57	25.36	927.31	0.00	50.71	40.51	0.03
PPM Energy 2	2008	6	980.90	25.05	891.56	0.00	50.10	39.21	0.03
PPM Energy 2	2008	7	964.40	24.72	874.41	0.00	49.45	40.51	0.03
PPM Energy 2	2008	8	1,046.41	27.05	951.78	0.00	54.09	40.51	0.03
PPM Energy 2	2008	9	1,153.56	29.85	1,054.62	0.00	59.70	39.21	0.04
PPM Energy 2	2008	10	907.50	22.26	822.44	0.00	44.52	40.51	0.03
PPM Energy 2	2008	11	1,235.32	29.54	1,136.99	0.00	59.08	39.21	0.04
PPM Energy 2	2008	12	1,332.68	30.21	1,231.71	0.00	60.42	40.51	0.04
PPMEnergy1_7x24	2008		0.00	419.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	1	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	2	0.00	33.20	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	3	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	4	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	5	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	6	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	7	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	8	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	9	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	10	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	11	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2008	12	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008		0.00	200.39	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	6	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	7	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	8	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	9	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	10	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008		0.00	658.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	1	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	2	0.00	52.20	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	3	0.00	55.80	0.00	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy4_Wind	2008	4	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	5	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	6	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	7	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	8	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	9	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	10	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	11	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2008	12	0.00	55.80	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2008		293.53	0.97	45.60	0.13	4.88	242.92	0.00
Procter & G GT 1	2008	1	20.58	0.00	0.00	0.00	0.00	20.58	0.00
Procter & G GT 1	2008	2	19.25	0.00	0.00	0.00	0.00	19.25	0.00
Procter & G GT 1	2008	3	20.58	0.00	0.00	0.00	0.00	20.58	0.00
Procter & G GT 1	2008	4	19.91	0.00	0.00	0.00	0.00	19.91	0.00
Procter & G GT 1	2008	5	20.58	0.00	0.00	0.00	0.00	20.58	0.00
Procter & G GT 1	2008	6	19.91	0.00	0.00	0.00	0.00	19.91	0.00
Procter & G GT 1	2008	7	71.18	0.97	45.60	0.13	4.88	20.58	0.00
Procter & G GT 1	2008	8	20.58	0.00	0.00	0.00	0.00	20.58	0.00
Procter & G GT 1	2008	9	19.91	0.00	0.00	0.00	0.00	19.91	0.00
Procter & G GT 1	2008	10	20.58	0.00	0.00	0.00	0.00	20.58	0.00
Procter & G GT 1	2008	11	19.91	0.00	0.00	0.00	0.00	19.91	0.00
Procter & G GT 1	2008	12	20.58	0.00	0.00	0.00	0.00	20.58	0.00
Robbs Peak	2008		299.51	49.10	299.51	0.00	0.00	0.00	0.00
Robbs Peak	2008	1	21.96	3.60	21.96	0.00	0.00	0.00	0.00
Robbs Peak	2008	2	32.94	5.40	32.94	0.00	0.00	0.00	0.00
Robbs Peak	2008	3	40.87	6.70	40.87	0.00	0.00	0.00	0.00
Robbs Peak	2008	4	43.92	7.20	43.92	0.00	0.00	0.00	0.00
Robbs Peak	2008	5	43.92	7.20	43.92	0.00	0.00	0.00	0.00
Robbs Peak	2008	6	34.16	5.60	34.16	0.00	0.00	0.00	0.00
Robbs Peak	2008	7	23.18	3.80	23.18	0.00	0.00	0.00	0.00
Robbs Peak	2008	8	19.52	3.20	19.52	0.00	0.00	0.00	0.00
Robbs Peak	2008	9	9.15	1.50	9.15	0.00	0.00	0.00	0.00
Robbs Peak	2008	10	7.93	1.30	7.93	0.00	0.00	0.00	0.00
Robbs Peak	2008	11	6.71	1.10	6.71	0.00	0.00	0.00	0.00
Robbs Peak	2008	12	15.25	2.50	15.25	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2008		26,132.27	500.34	22,563.02	5.44	-976.71	4,539.77	0.76
SCA P&G Cogen 1	2008	1	2,061.72	33.43	1,741.88	0.53	-65.26	384.52	0.05
SCA P&G Cogen 1	2008	2	1,696.88	28.23	1,391.78	0.47	-55.11	359.71	0.04
SCA P&G Cogen 1	2008	3	1,804.67	31.64	1,481.41	0.47	-61.77	384.52	0.05
SCA P&G Cogen 1	2008	4	1,552.98	27.43	1,233.94	0.44	-53.55	372.11	0.04
SCA P&G Cogen 1	2008	5	2,089.98	40.96	1,784.92	0.44	-79.96	384.52	0.06
SCA P&G Cogen 1	2008	6	2,411.15	50.01	2,136.18	0.42	-97.63	372.11	0.08
SCA P&G Cogen 1	2008	7	2,844.76	60.99	2,578.79	0.43	-119.06	384.52	0.09
SCA P&G Cogen 1	2008	8	2,726.59	58.06	2,454.90	0.43	-113.34	384.52	0.09
SCA P&G Cogen 1	2008	9	2,451.69	50.87	2,178.39	0.42	-99.31	372.11	0.08
SCA P&G Cogen 1	2008	10	2,118.35	40.69	1,812.76	0.45	-79.44	384.52	0.06
SCA P&G Cogen 1	2008	11	1,942.10	34.98	1,637.77	0.46	-68.29	372.11	0.05
SCA P&G Cogen 1	2008	12	2,431.38	43.02	2,130.29	0.50	-83.99	384.52	0.07
Slab Creek	2008		8.04	1.32	8.04	0.00	0.00	0.00	0.00
Slab Creek	2008	1	0.45	0.07	0.45	0.00	0.00	0.00	0.00
Slab Creek	2008	2	0.42	0.07	0.42	0.00	0.00	0.00	0.00
Slab Creek	2008	3	0.45	0.07	0.45	0.00	0.00	0.00	0.00
Slab Creek	2008	4	0.44	0.07	0.44	0.00	0.00	0.00	0.00
Slab Creek	2008	5	0.45	0.07	0.45	0.00	0.00	0.00	0.00
Slab Creek	2008	6	0.88	0.14	0.88	0.00	0.00	0.00	0.00
Slab Creek	2008	7	0.91	0.15	0.91	0.00	0.00	0.00	0.00
Slab Creek	2008	8	0.91	0.15	0.91	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Slab Creek	2008	9	0.88	0.14	0.88	0.00	0.00	0.00	0.00
Slab Creek	2008	10	0.91	0.15	0.91	0.00	0.00	0.00	0.00
Slab Creek	2008	11	0.88	0.14	0.88	0.00	0.00	0.00	0.00
Slab Creek	2008	12	0.45	0.07	0.45	0.00	0.00	0.00	0.00
SMUD PV 1	2008		136.12	31.05	0.00	0.00	39.59	96.53	0.00
SMUD PV 1	2008	1	8.27	0.07	0.00	0.00	0.09	8.18	0.00
SMUD PV 1	2008	2	8.03	0.30	0.00	0.00	0.38	7.65	0.00
SMUD PV 1	2008	3	9.50	1.04	0.00	0.00	1.33	8.18	0.00
SMUD PV 1	2008	4	10.65	2.15	0.00	0.00	2.74	7.91	0.00
SMUD PV 1	2008	5	11.97	2.98	0.00	0.00	3.79	8.18	0.00
SMUD PV 1	2008	6	15.70	6.11	0.00	0.00	7.79	7.91	0.00
SMUD PV 1	2008	7	15.86	6.03	0.00	0.00	7.68	8.18	0.00
SMUD PV 1	2008	8	15.40	5.67	0.00	0.00	7.23	8.18	0.00
SMUD PV 1	2008	9	14.25	4.97	0.00	0.00	6.33	7.91	0.00
SMUD PV 1	2008	10	9.84	1.30	0.00	0.00	1.66	8.18	0.00
SMUD PV 1	2008	11	8.37	0.36	0.00	0.00	0.46	7.91	0.00
SMUD PV 1	2008	12	8.27	0.07	0.00	0.00	0.09	8.18	0.00
SMUD Solano Wi 2	2008		704.08	286.18	0.00	0.00	0.00	704.08	0.00
SMUD Solano Wi 2	2008	1	59.64	2.49	0.00	0.00	0.00	59.64	0.00
SMUD Solano Wi 2	2008	2	55.79	3.82	0.00	0.00	0.00	55.79	0.00
SMUD Solano Wi 2	2008	3	59.64	15.02	0.00	0.00	0.00	59.64	0.00
SMUD Solano Wi 2	2008	4	57.71	21.35	0.00	0.00	0.00	57.71	0.00
SMUD Solano Wi 2	2008	5	59.64	32.80	0.00	0.00	0.00	59.64	0.00
SMUD Solano Wi 2	2008	6	57.71	47.65	0.00	0.00	0.00	57.71	0.00
SMUD Solano Wi 2	2008	7	59.64	47.95	0.00	0.00	0.00	59.64	0.00
SMUD Solano Wi 2	2008	8	59.64	46.41	0.00	0.00	0.00	59.64	0.00
SMUD Solano Wi 2	2008	9	57.71	35.23	0.00	0.00	0.00	57.71	0.00
SMUD Solano Wi 2	2008	10	59.64	21.06	0.00	0.00	0.00	59.64	0.00
SMUD Solano Wi 2	2008	11	57.71	6.39	0.00	0.00	0.00	57.71	0.00
SMUD Solano Wi 2	2008	12	59.64	6.00	0.00	0.00	0.00	59.64	0.00
Snohomish	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2008		41,518.91	910.40	38,477.83	4.42	-854.42	3,889.80	1.29
SPA Campbell C 1	2008	1	3,347.18	63.25	3,076.56	0.43	-59.36	329.46	0.09
SPA Campbell C 1	2008	2	2,798.35	55.22	2,541.52	0.38	-51.83	308.21	0.08
SPA Campbell C 1	2008	3	3,021.16	62.93	2,750.28	0.38	-59.06	329.46	0.09
SPA Campbell C 1	2008	4	2,602.58	55.62	2,335.51	0.36	-52.20	318.84	0.08
SPA Campbell C 1	2008	5	3,278.65	74.19	3,018.36	0.36	-69.63	329.46	0.10
SPA Campbell C 1	2008	6	3,691.05	86.60	3,453.03	0.34	-81.27	318.84	0.12
SPA Campbell C 1	2008	7	4,105.51	97.98	3,867.51	0.35	-91.96	329.46	0.14
SPA Campbell C 1	2008	8	4,030.42	96.03	3,790.60	0.35	-90.13	329.46	0.14
SPA Campbell C 1	2008	9	3,696.94	86.52	3,458.84	0.34	-81.20	318.84	0.12
SPA Campbell C 1	2008	10	3,476.30	77.40	3,219.00	0.37	-72.64	329.46	0.11
SPA Campbell C 1	2008	11	3,420.80	72.52	3,169.55	0.37	-68.06	318.84	0.10
SPA Campbell C 1	2008	12	4,049.97	82.14	3,797.08	0.41	-77.09	329.46	0.12
Union Valley	2008		721.63	118.30	721.63	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Union Valley	2008	1	37.82	6.20	37.82	0.00	0.00	0.00	0.00
Union Valley	2008	2	45.75	7.50	45.75	0.00	0.00	0.00	0.00
Union Valley	2008	3	63.44	10.40	63.44	0.00	0.00	0.00	0.00
Union Valley	2008	4	59.78	9.80	59.78	0.00	0.00	0.00	0.00
Union Valley	2008	5	76.86	12.60	76.86	0.00	0.00	0.00	0.00
Union Valley	2008	6	79.30	13.00	79.30	0.00	0.00	0.00	0.00
Union Valley	2008	7	79.30	13.00	79.30	0.00	0.00	0.00	0.00
Union Valley	2008	8	91.50	15.00	91.50	0.00	0.00	0.00	0.00
Union Valley	2008	9	78.08	12.80	78.08	0.00	0.00	0.00	0.00
Union Valley	2008	10	29.89	4.90	29.89	0.00	0.00	0.00	0.00
Union Valley	2008	11	33.55	5.50	33.55	0.00	0.00	0.00	0.00
Union Valley	2008	12	46.36	7.60	46.36	0.00	0.00	0.00	0.00
WAPA 1	2008		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2008	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2008		6,892.80	1,129.97	6,892.80	0.00	0.00	0.00	0.00
WAPA 2	2008	1	430.24	70.53	430.24	0.00	0.00	0.00	0.00
WAPA 2	2008	2	451.31	73.98	451.31	0.00	0.00	0.00	0.00
WAPA 2	2008	3	462.46	75.81	462.46	0.00	0.00	0.00	0.00
WAPA 2	2008	4	507.72	83.23	507.72	0.00	0.00	0.00	0.00
WAPA 2	2008	5	691.20	113.31	691.20	0.00	0.00	0.00	0.00
WAPA 2	2008	6	765.96	125.57	765.96	0.00	0.00	0.00	0.00
WAPA 2	2008	7	991.64	162.56	991.64	0.00	0.00	0.00	0.00
WAPA 2	2008	8	796.49	130.57	796.49	0.00	0.00	0.00	0.00
WAPA 2	2008	9	633.77	103.90	633.77	0.00	0.00	0.00	0.00
WAPA 2	2008	10	441.59	72.39	441.59	0.00	0.00	0.00	0.00
WAPA 2	2008	11	321.06	52.63	321.06	0.00	0.00	0.00	0.00
WAPA 2	2008	12	399.38	65.47	399.38	0.00	0.00	0.00	0.00
White Rock	2008		3,326.94	545.40	3,326.94	0.00	0.00	0.00	0.00
White Rock	2008	1	261.69	42.90	261.69	0.00	0.00	0.00	0.00
White Rock	2008	2	286.09	46.90	286.09	0.00	0.00	0.00	0.00
White Rock	2008	3	420.29	68.90	420.29	0.00	0.00	0.00	0.00
White Rock	2008	4	437.37	71.70	437.37	0.00	0.00	0.00	0.00
White Rock	2008	5	504.47	82.70	504.47	0.00	0.00	0.00	0.00
White Rock	2008	6	380.64	62.40	380.64	0.00	0.00	0.00	0.00
White Rock	2008	7	250.10	41.00	250.10	0.00	0.00	0.00	0.00
White Rock	2008	8	211.67	34.70	211.67	0.00	0.00	0.00	0.00
White Rock	2008	9	185.44	30.40	185.44	0.00	0.00	0.00	0.00
White Rock	2008	10	104.31	17.10	104.31	0.00	0.00	0.00	0.00
White Rock	2008	11	105.53	17.30	105.53	0.00	0.00	0.00	0.00
White Rock	2008	12	179.34	29.40	179.34	0.00	0.00	0.00	0.00
Camino	2009		2,249.36	362.80	2,249.36	0.00	0.00	0.00	0.00
Camino	2009	1	149.42	24.10	149.42	0.00	0.00	0.00	0.00
Camino	2009	2	184.14	29.70	184.14	0.00	0.00	0.00	0.00
Camino	2009	3	247.38	39.90	247.38	0.00	0.00	0.00	0.00
Camino	2009	4	208.32	33.60	208.32	0.00	0.00	0.00	0.00
Camino	2009	5	210.80	34.00	210.80	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 4a	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 1	2009		2,343.56	24.60	1,332.02	57.63	269.41	684.50	0.00
GenGT SMUD 1	2009	1	238.70	2.52	146.38	6.53	27.65	58.14	0.00
GenGT SMUD 1	2009	2	180.68	1.84	101.53	6.49	20.15	52.51	0.00
GenGT SMUD 1	2009	3	154.70	1.42	75.16	5.88	15.52	58.14	0.00
GenGT SMUD 1	2009	4	157.44	1.54	79.28	5.06	16.84	56.26	0.00
GenGT SMUD 1	2009	5	180.75	1.95	98.65	2.63	21.34	58.14	0.00
GenGT SMUD 1	2009	6	215.38	2.53	126.99	4.43	27.69	56.26	0.00
GenGT SMUD 1	2009	7	212.70	2.44	123.31	4.58	26.68	58.14	0.00
GenGT SMUD 1	2009	8	228.47	2.66	136.65	4.58	29.10	58.14	0.00
GenGT SMUD 1	2009	9	194.16	2.10	111.09	3.80	23.00	56.26	0.00
GenGT SMUD 1	2009	10	101.03	0.62	34.13	1.98	6.79	58.14	0.00
GenGT SMUD 1	2009	11	180.10	1.76	101.42	3.17	19.24	56.26	0.00
GenGT SMUD 1	2009	12	299.46	3.23	197.43	8.49	35.41	58.14	0.00
GenGT SMUD 10	2009		2,075.58	20.60	1,112.85	52.64	225.60	684.50	0.00
GenGT SMUD 10	2009	1	200.76	1.99	115.56	5.23	21.83	58.14	0.00
GenGT SMUD 10	2009	2	170.98	1.72	94.91	4.73	18.84	52.51	0.00
GenGT SMUD 10	2009	3	124.41	0.97	51.67	3.93	10.67	58.14	0.00
GenGT SMUD 10	2009	4	123.73	1.03	53.04	3.17	11.26	56.26	0.00
GenGT SMUD 10	2009	5	164.27	1.64	82.95	5.23	17.95	58.14	0.00
GenGT SMUD 10	2009	6	188.53	2.10	105.47	3.80	23.00	56.26	0.00
GenGT SMUD 10	2009	7	212.05	2.44	123.31	3.93	26.68	58.14	0.00
GenGT SMUD 10	2009	8	217.42	2.48	127.54	4.58	27.16	58.14	0.00
GenGT SMUD 10	2009	9	157.10	1.50	79.35	5.06	16.43	56.26	0.00
GenGT SMUD 10	2009	10	108.18	0.71	39.00	3.28	7.76	58.14	0.00
GenGT SMUD 10	2009	11	171.90	1.63	94.00	3.80	17.84	56.26	0.00
GenGT SMUD 10	2009	12	236.25	2.39	146.04	5.88	26.19	58.14	0.00
GenGT SMUD 11	2009		1,850.70	17.38	933.96	41.87	190.38	684.50	0.00
GenGT SMUD 11	2009	1	209.92	2.13	123.27	5.23	23.28	58.14	0.00
GenGT SMUD 11	2009	2	132.77	1.16	64.01	3.55	12.70	52.51	0.00
GenGT SMUD 11	2009	3	108.94	0.75	39.93	2.63	8.25	58.14	0.00
GenGT SMUD 11	2009	4	106.40	0.77	39.78	1.91	8.45	56.26	0.00
GenGT SMUD 11	2009	5	154.13	1.51	76.23	3.28	16.49	58.14	0.00
GenGT SMUD 11	2009	6	180.04	1.97	99.01	3.17	21.59	56.26	0.00
GenGT SMUD 11	2009	7	203.87	2.30	116.58	3.93	25.22	58.14	0.00
GenGT SMUD 11	2009	8	209.13	2.35	120.71	4.58	25.71	58.14	0.00
GenGT SMUD 11	2009	9	144.90	1.33	70.28	3.80	14.55	56.26	0.00
GenGT SMUD 11	2009	10	98.76	0.58	31.69	2.63	6.31	58.14	0.00
GenGT SMUD 11	2009	11	114.09	0.81	47.00	1.91	8.92	56.26	0.00
GenGT SMUD 11	2009	12	187.76	1.73	105.47	5.23	18.92	58.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 16	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 16	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 16	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 16	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 16	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 16	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 16	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 16	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 17	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 18	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 2	2009		1,554.41	12.93	693.41	34.85	141.64	684.50	0.00
GenGT SMUD 2	2009	1	144.50	1.20	69.34	3.93	13.10	58.14	0.00
GenGT SMUD 2	2009	2	116.31	0.92	50.76	2.96	10.08	52.51	0.00
GenGT SMUD 2	2009	3	82.13	0.35	18.79	1.33	3.88	58.14	0.00
GenGT SMUD 2	2009	4	84.34	0.43	22.10	1.28	4.69	56.26	0.00
GenGT SMUD 2	2009	5	125.56	1.06	53.81	1.98	11.64	58.14	0.00
GenGT SMUD 2	2009	6	156.44	1.59	79.64	3.17	17.37	56.26	0.00
GenGT SMUD 2	2009	7	176.60	1.86	94.16	3.93	20.37	58.14	0.00
GenGT SMUD 2	2009	8	197.43	2.17	111.60	3.93	23.77	58.14	0.00
GenGT SMUD 2	2009	9	113.54	0.86	45.34	2.54	9.39	56.26	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 2	2009	10	84.15	0.35	19.50	2.63	3.88	58.14	0.00
GenGT SMUD 2	2009	11	110.52	0.77	44.53	1.28	8.45	56.26	0.00
GenGT SMUD 2	2009	12	162.89	1.37	83.84	5.88	15.04	58.14	0.00
GenGT SMUD 20	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 25	2009		1,394.76	10.61	565.49	28.53	116.23	684.50	0.00
GenGT SMUD 25	2009	1	143.85	1.20	69.34	3.28	13.10	58.14	0.00
GenGT SMUD 25	2009	2	88.68	0.52	28.69	1.79	5.70	52.51	0.00
GenGT SMUD 25	2009	3	76.46	0.27	14.09	1.33	2.91	58.14	0.00
GenGT SMUD 25	2009	4	78.98	0.34	17.68	1.28	3.76	56.26	0.00
GenGT SMUD 25	2009	5	111.93	0.84	42.60	1.98	9.22	58.14	0.00
GenGT SMUD 25	2009	6	153.19	1.54	77.49	2.54	16.90	56.26	0.00
GenGT SMUD 25	2009	7	168.42	1.73	87.44	3.93	18.92	58.14	0.00
GenGT SMUD 25	2009	8	186.38	1.99	102.49	3.93	21.83	58.14	0.00
GenGT SMUD 25	2009	9	99.22	0.64	34.01	1.91	7.04	56.26	0.00
GenGT SMUD 25	2009	10	77.65	0.27	14.63	1.98	2.91	58.14	0.00
GenGT SMUD 25	2009	11	74.57	0.26	14.84	0.65	2.82	56.26	0.00
GenGT SMUD 25	2009	12	135.42	1.02	62.20	3.93	11.16	58.14	0.00
GenGT SMUD 26	2009		1,237.65	8.30	438.96	23.31	90.89	684.50	0.00
GenGT SMUD 26	2009	1	121.83	0.89	51.36	2.63	9.70	58.14	0.00
GenGT SMUD 26	2009	2	84.57	0.44	24.28	2.96	4.82	52.51	0.00
GenGT SMUD 26	2009	3	76.46	0.27	14.09	1.33	2.91	58.14	0.00
GenGT SMUD 26	2009	4	58.96	0.04	2.21	0.02	0.47	56.26	0.00
GenGT SMUD 26	2009	5	104.40	0.71	35.87	2.63	7.76	58.14	0.00
GenGT SMUD 26	2009	6	139.45	1.33	66.73	1.91	14.55	56.26	0.00
GenGT SMUD 26	2009	7	154.78	1.51	76.23	3.93	16.49	58.14	0.00
GenGT SMUD 26	2009	8	170.46	1.73	88.82	4.58	18.92	58.14	0.00
GenGT SMUD 26	2009	9	93.12	0.56	29.47	1.28	6.10	56.26	0.00
GenGT SMUD 26	2009	10	66.93	0.13	7.31	0.03	1.46	58.14	0.00
GenGT SMUD 26	2009	11	65.11	0.13	7.42	0.02	1.41	56.26	0.00
GenGT SMUD 26	2009	12	101.58	0.58	35.16	1.98	6.31	58.14	0.00
GenGT SMUD 27	2009		1,162.88	7.25	381.37	17.57	79.43	684.50	0.00
GenGT SMUD 27	2009	1	108.31	0.71	41.09	1.33	7.76	58.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 44	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2009		1,013.20	5.01	260.72	13.13	54.85	684.50	0.00
GenGT SMUD 45	2009	1	95.45	0.53	30.82	0.68	5.82	58.14	0.00
GenGT SMUD 45	2009	2	55.18	0.04	2.21	0.02	0.44	52.51	0.00
GenGT SMUD 45	2009	3	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 45	2009	4	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 45	2009	5	87.38	0.44	22.42	1.98	4.85	58.14	0.00
GenGT SMUD 45	2009	6	110.61	0.86	43.05	1.91	9.39	56.26	0.00
GenGT SMUD 45	2009	7	149.33	1.42	71.74	3.93	15.52	58.14	0.00
GenGT SMUD 45	2009	8	144.29	1.33	68.33	3.28	14.55	58.14	0.00
GenGT SMUD 45	2009	9	70.60	0.21	11.34	0.65	2.35	56.26	0.00
GenGT SMUD 45	2009	10	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 45	2009	11	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 45	2009	12	71.57	0.18	10.82	0.68	1.94	58.14	0.00
GenGT SMUD 46	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2009		977.92	4.49	232.46	11.83	49.13	684.50	0.00
GenGT SMUD 5	2009	1	89.34	0.44	25.68	0.68	4.85	58.14	0.00
GenGT SMUD 5	2009	2	52.51	0.00	0.00	0.00	0.00	52.51	0.00
GenGT SMUD 5	2009	3	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 5	2009	4	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 5	2009	5	84.66	0.40	20.18	1.98	4.37	58.14	0.00
GenGT SMUD 5	2009	6	104.74	0.77	38.74	1.28	8.45	56.26	0.00
GenGT SMUD 5	2009	7	138.42	1.24	62.78	3.93	13.58	58.14	0.00
GenGT SMUD 5	2009	8	147.05	1.37	70.60	3.28	15.04	58.14	0.00
GenGT SMUD 5	2009	9	67.86	0.17	9.07	0.65	1.88	56.26	0.00
GenGT SMUD 5	2009	10	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 5	2009	11	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 5	2009	12	64.54	0.09	5.41	0.03	0.97	58.14	0.00
GenGT SMUD 6	2009		918.30	3.56	184.27	10.50	39.04	684.50	0.00
GenGT SMUD 6	2009	1	83.24	0.35	20.54	0.68	3.88	58.14	0.00
GenGT SMUD 6	2009	2	52.51	0.00	0.00	0.00	0.00	52.51	0.00
GenGT SMUD 6	2009	3	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 6	2009	4	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 6	2009	5	69.72	0.18	8.97	0.68	1.94	58.14	0.00
GenGT SMUD 6	2009	6	89.01	0.51	25.83	1.28	5.63	56.26	0.00
GenGT SMUD 6	2009	7	127.51	1.06	53.81	3.93	11.64	58.14	0.00
GenGT SMUD 6	2009	8	141.53	1.28	66.05	3.28	14.07	58.14	0.00
GenGT SMUD 6	2009	9	67.86	0.17	9.07	0.65	1.88	56.26	0.00
GenGT SMUD 6	2009	10	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 6	2009	11	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 6	2009	12	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 7	2009		891.48	3.16	163.13	9.20	34.66	684.50	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 7	2009	1	77.13	0.27	15.41	0.68	2.91	58.14	0.00
GenGT SMUD 7	2009	2	52.51	0.00	0.00	0.00	0.00	52.51	0.00
GenGT SMUD 7	2009	3	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 7	2009	4	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 7	2009	5	66.34	0.13	6.73	0.03	1.46	58.14	0.00
GenGT SMUD 7	2009	6	94.25	0.60	30.13	1.28	6.57	56.26	0.00
GenGT SMUD 7	2009	7	115.96	0.89	44.84	3.28	9.70	58.14	0.00
GenGT SMUD 7	2009	8	133.24	1.15	59.22	3.28	12.61	58.14	0.00
GenGT SMUD 7	2009	9	65.12	0.13	6.80	0.65	1.41	56.26	0.00
GenGT SMUD 7	2009	10	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 7	2009	11	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 7	2009	12	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 8	2009		871.37	2.86	146.96	8.57	31.34	684.50	0.00
GenGT SMUD 8	2009	1	71.02	0.18	10.27	0.68	1.94	58.14	0.00
GenGT SMUD 8	2009	2	52.51	0.00	0.00	0.00	0.00	52.51	0.00
GenGT SMUD 8	2009	3	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 8	2009	4	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 8	2009	5	66.99	0.13	6.73	0.68	1.46	58.14	0.00
GenGT SMUD 8	2009	6	86.38	0.47	23.68	1.28	5.16	56.26	0.00
GenGT SMUD 8	2009	7	118.68	0.93	47.08	3.28	10.19	58.14	0.00
GenGT SMUD 8	2009	8	129.83	1.11	56.94	2.63	12.13	58.14	0.00
GenGT SMUD 8	2009	9	59.02	0.04	2.27	0.02	0.47	56.26	0.00
GenGT SMUD 8	2009	10	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 8	2009	11	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 8	2009	12	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 9	2009		805.60	1.85	94.24	6.61	20.25	684.50	0.00
GenGT SMUD 9	2009	1	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 9	2009	2	52.51	0.00	0.00	0.00	0.00	52.51	0.00
GenGT SMUD 9	2009	3	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 9	2009	4	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 9	2009	5	60.89	0.04	2.24	0.03	0.49	58.14	0.00
GenGT SMUD 9	2009	6	75.27	0.30	15.07	0.65	3.29	56.26	0.00
GenGT SMUD 9	2009	7	99.59	0.62	31.39	3.28	6.79	58.14	0.00
GenGT SMUD 9	2009	8	113.25	0.84	43.27	2.63	9.22	58.14	0.00
GenGT SMUD 9	2009	9	59.02	0.04	2.27	0.02	0.47	56.26	0.00
GenGT SMUD 9	2009	10	58.14	0.00	0.00	0.00	0.00	58.14	0.00
GenGT SMUD 9	2009	11	56.26	0.00	0.00	0.00	0.00	56.26	0.00
GenGT SMUD 9	2009	12	58.14	0.00	0.00	0.00	0.00	58.14	0.00
Jaybird	2009		3,299.02	532.10	3,299.02	0.00	0.00	0.00	0.00
Jaybird	2009	1	217.62	35.10	217.62	0.00	0.00	0.00	0.00
Jaybird	2009	2	243.66	39.30	243.66	0.00	0.00	0.00	0.00
Jaybird	2009	3	324.88	52.40	324.88	0.00	0.00	0.00	0.00
Jaybird	2009	4	282.10	45.50	282.10	0.00	0.00	0.00	0.00
Jaybird	2009	5	310.00	50.00	310.00	0.00	0.00	0.00	0.00
Jaybird	2009	6	306.28	49.40	306.28	0.00	0.00	0.00	0.00
Jaybird	2009	7	318.68	51.40	318.68	0.00	0.00	0.00	0.00
Jaybird	2009	8	369.52	59.60	369.52	0.00	0.00	0.00	0.00
Jaybird	2009	9	332.94	53.70	332.94	0.00	0.00	0.00	0.00
Jaybird	2009	10	181.66	29.30	181.66	0.00	0.00	0.00	0.00
Jaybird	2009	11	175.46	28.30	175.46	0.00	0.00	0.00	0.00
Jaybird	2009	12	236.22	38.10	236.22	0.00	0.00	0.00	0.00
Jones Fork	2009		134.54	21.70	134.54	0.00	0.00	0.00	0.00
Jones Fork	2009	1	9.30	1.50	9.30	0.00	0.00	0.00	0.00
Jones Fork	2009	2	10.54	1.70	10.54	0.00	0.00	0.00	0.00
Jones Fork	2009	3	13.64	2.20	13.64	0.00	0.00	0.00	0.00
Jones Fork	2009	4	13.02	2.10	13.02	0.00	0.00	0.00	0.00
Jones Fork	2009	5	13.64	2.20	13.64	0.00	0.00	0.00	0.00

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Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Jones Fork	2009	6	16.12	2.60	16.12	0.00	0.00	0.00	0.00
Jones Fork	2009	7	10.54	1.70	10.54	0.00	0.00	0.00	0.00
Jones Fork	2009	8	11.78	1.90	11.78	0.00	0.00	0.00	0.00
Jones Fork	2009	9	13.02	2.10	13.02	0.00	0.00	0.00	0.00
Jones Fork	2009	10	10.54	1.70	10.54	0.00	0.00	0.00	0.00
Jones Fork	2009	11	4.34	0.70	4.34	0.00	0.00	0.00	0.00
Jones Fork	2009	12	8.06	1.30	8.06	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2009		4,601.47	70.12	2,290.98	0.00	2,301.06	9.07	0.37
Kiefer Landfil 1	2009	1	385.96	5.88	192.15	0.00	193.00	0.77	0.03
Kiefer Landfil 1	2009	2	348.61	5.31	173.56	0.00	174.32	0.70	0.03
Kiefer Landfil 1	2009	3	385.96	5.88	192.15	0.00	193.00	0.77	0.03
Kiefer Landfil 1	2009	4	373.51	5.69	185.96	0.00	186.77	0.75	0.03
Kiefer Landfil 1	2009	5	395.59	6.03	196.96	0.00	197.83	0.77	0.03
Kiefer Landfil 1	2009	6	382.82	5.83	190.60	0.00	191.44	0.75	0.03
Kiefer Landfil 1	2009	7	395.59	6.03	196.96	0.00	197.83	0.77	0.03
Kiefer Landfil 1	2009	8	395.59	6.03	196.96	0.00	197.83	0.77	0.03
Kiefer Landfil 1	2009	9	382.82	5.83	190.60	0.00	191.44	0.75	0.03
Kiefer Landfil 1	2009	10	390.77	5.95	194.56	0.00	195.41	0.77	0.03
Kiefer Landfil 1	2009	11	373.51	5.69	185.96	0.00	186.77	0.75	0.03
Kiefer Landfil 1	2009	12	390.77	5.95	194.56	0.00	195.41	0.77	0.03
Klamath Falls 1	2009		13,723.18	318.88	12,608.06	0.00	637.75	477.00	0.37
Klamath Falls 1	2009	1	1,259.13	27.51	1,163.57	0.00	55.02	40.51	0.03
Klamath Falls 1	2009	2	997.15	22.62	915.30	0.00	45.23	36.59	0.03
Klamath Falls 1	2009	3	929.46	21.76	845.40	0.00	43.53	40.51	0.03
Klamath Falls 1	2009	4	1,055.77	25.46	965.62	0.00	50.92	39.21	0.03
Klamath Falls 1	2009	5	1,106.13	27.11	1,011.38	0.00	54.21	40.51	0.03
Klamath Falls 1	2009	6	944.58	23.21	858.92	0.00	46.42	39.21	0.03
Klamath Falls 1	2009	7	1,068.24	26.10	975.50	0.00	52.20	40.51	0.03
Klamath Falls 1	2009	8	1,192.08	29.08	1,093.37	0.00	58.16	40.51	0.03
Klamath Falls 1	2009	9	1,319.27	31.69	1,216.65	0.00	63.38	39.21	0.04
Klamath Falls 1	2009	10	1,211.09	27.64	1,115.26	0.00	55.29	40.51	0.03
Klamath Falls 1	2009	11	1,172.10	25.86	1,081.14	0.00	51.72	39.21	0.03
Klamath Falls 1	2009	12	1,468.18	30.84	1,365.95	0.00	61.69	40.51	0.04
KlamathFalls2_Su	2009		0.00	60.01	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	6	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	7	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	8	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	9	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	10	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2009		602.64	97.20	602.64	0.00	0.00	0.00	0.00
Loon Lake	2009	1	32.24	5.20	32.24	0.00	0.00	0.00	0.00
Loon Lake	2009	2	63.86	10.30	63.86	0.00	0.00	0.00	0.00
Loon Lake	2009	3	51.46	8.30	51.46	0.00	0.00	0.00	0.00
Loon Lake	2009	4	45.26	7.30	45.26	0.00	0.00	0.00	0.00
Loon Lake	2009	5	58.90	9.50	58.90	0.00	0.00	0.00	0.00
Loon Lake	2009	6	84.94	13.70	84.94	0.00	0.00	0.00	0.00
Loon Lake	2009	7	79.36	12.80	79.36	0.00	0.00	0.00	0.00
Loon Lake	2009	8	69.44	11.20	69.44	0.00	0.00	0.00	0.00
Loon Lake	2009	9	33.48	5.40	33.48	0.00	0.00	0.00	0.00
Loon Lake	2009	10	31.00	5.00	31.00	0.00	0.00	0.00	0.00

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Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Loon Lake	2009	11	20.46	3.30	20.46	0.00	0.00	0.00	0.00
Loon Lake	2009	12	32.24	5.20	32.24	0.00	0.00	0.00	0.00
McClellan CT 1	2009		444.67	1.10	77.05	18.98	2.19	346.45	0.00
McClellan CT 1	2009	1	29.42	0.00	0.00	0.00	0.00	29.42	0.00
McClellan CT 1	2009	2	26.58	0.00	0.00	0.00	0.00	26.58	0.00
McClellan CT 1	2009	3	29.42	0.00	0.00	0.00	0.00	29.42	0.00
McClellan CT 1	2009	4	28.48	0.00	0.00	0.00	0.00	28.48	0.00
McClellan CT 1	2009	5	29.42	0.00	0.00	0.00	0.00	29.42	0.00
McClellan CT 1	2009	6	48.96	0.21	14.80	5.26	0.43	28.48	0.00
McClellan CT 1	2009	7	57.66	0.35	24.66	2.86	0.70	29.42	0.00
McClellan CT 1	2009	8	78.93	0.53	37.58	10.87	1.06	29.42	0.00
McClellan CT 1	2009	9	28.48	0.00	0.00	0.00	0.00	28.48	0.00
McClellan CT 1	2009	10	29.42	0.00	0.00	0.00	0.00	29.42	0.00
McClellan CT 1	2009	11	28.48	0.00	0.00	0.00	0.00	28.48	0.00
McClellan CT 1	2009	12	29.42	0.00	0.00	0.00	0.00	29.42	0.00
McClellan CT 2	2009		1,242.86	14.85	774.41	92.47	29.51	346.45	0.03
McClellan CT 2	2009	1	107.02	1.09	61.63	13.79	2.17	29.42	0.00
McClellan CT 2	2009	2	67.71	0.62	33.11	6.80	1.22	26.58	0.00
McClellan CT 2	2009	3	65.18	0.57	29.19	5.45	1.12	29.42	0.00
McClellan CT 2	2009	4	60.46	0.55	27.46	3.44	1.09	28.48	0.00
McClellan CT 2	2009	5	94.31	1.13	55.73	6.91	2.25	29.42	0.00
McClellan CT 2	2009	6	107.10	1.41	69.18	6.63	2.81	28.48	0.00
McClellan CT 2	2009	7	153.71	2.22	109.53	10.33	4.41	29.42	0.00
McClellan CT 2	2009	8	181.99	2.73	136.65	10.50	5.42	29.42	0.00
McClellan CT 2	2009	9	133.06	1.79	92.30	8.72	3.56	28.48	0.00
McClellan CT 2	2009	10	56.75	0.39	20.89	5.65	0.77	29.42	0.00
McClellan CT 2	2009	11	61.96	0.51	28.62	3.85	1.01	28.48	0.00
McClellan CT 2	2009	12	153.61	1.85	110.11	10.40	3.68	29.42	0.00
MorganStanley1_O	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2009		4,011.71	9.02	458.88	31.55	98.77	3,422.51	0.00
Peaker SMUD 1	2009	1	290.68	0.00	0.00	0.00	0.00	290.68	0.00
Peaker SMUD 1	2009	2	262.55	0.00	0.00	0.00	0.00	262.55	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Peaker SMUD 1	2009	3	290.68	0.00	0.00	0.00	0.00	290.68	0.00
Peaker SMUD 1	2009	4	281.30	0.00	0.00	0.00	0.00	281.30	0.00
Peaker SMUD 1	2009	5	315.35	0.40	20.18	0.13	4.37	290.68	0.00
Peaker SMUD 1	2009	6	395.22	1.76	88.25	6.42	19.24	281.30	0.00
Peaker SMUD 1	2009	7	499.51	3.19	161.42	12.49	34.92	290.68	0.00
Peaker SMUD 1	2009	8	529.70	3.63	186.76	12.49	39.77	290.68	0.00
Peaker SMUD 1	2009	9	284.06	0.04	2.27	0.02	0.47	281.30	0.00
Peaker SMUD 1	2009	10	290.68	0.00	0.00	0.00	0.00	290.68	0.00
Peaker SMUD 1	2009	11	281.30	0.00	0.00	0.00	0.00	281.30	0.00
Peaker SMUD 1	2009	12	290.68	0.00	0.00	0.00	0.00	290.68	0.00
Peaker SMUD 2	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPL Coal 1	2009		9,626.70	355.41	9,626.42	0.00	0.00	0.00	0.28
PPL Coal 1	2009	1	878.83	30.19	878.81	0.00	0.00	0.00	0.02
PPL Coal 1	2009	2	755.30	27.26	755.28	0.00	0.00	0.00	0.02
PPL Coal 1	2009	3	803.76	30.19	803.73	0.00	0.00	0.00	0.02
PPL Coal 1	2009	4	756.23	29.21	756.21	0.00	0.00	0.00	0.02
PPL Coal 1	2009	5	767.23	30.19	767.21	0.00	0.00	0.00	0.02
PPL Coal 1	2009	6	736.59	29.21	736.57	0.00	0.00	0.00	0.02
PPL Coal 1	2009	7	767.23	30.19	767.21	0.00	0.00	0.00	0.02

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPL Coal 1	2009	8	779.41	30.19	779.38	0.00	0.00	0.00	0.02
PPL Coal 1	2009	9	775.87	29.21	775.84	0.00	0.00	0.00	0.02
PPL Coal 1	2009	10	834.19	30.19	834.17	0.00	0.00	0.00	0.02
PPL Coal 1	2009	11	846.56	29.21	846.53	0.00	0.00	0.00	0.02
PPL Coal 1	2009	12	925.50	30.19	925.48	0.00	0.00	0.00	0.02
PPM Energy 2	2009		13,119.86	303.53	12,035.45	0.00	607.06	477.00	0.35
PPM Energy 2	2009	1	1,200.74	25.99	1,108.22	0.00	51.98	40.51	0.03
PPM Energy 2	2009	2	1,023.44	23.19	940.44	0.00	46.38	36.59	0.03
PPM Energy 2	2009	3	1,074.34	25.35	983.09	0.00	50.71	40.51	0.03
PPM Energy 2	2009	4	917.98	22.02	834.71	0.00	44.04	39.21	0.03
PPM Energy 2	2009	5	1,008.80	24.62	919.03	0.00	49.24	40.51	0.03
PPM Energy 2	2009	6	882.07	21.58	799.68	0.00	43.16	39.21	0.03
PPM Energy 2	2009	7	942.40	22.93	856.01	0.00	45.86	40.51	0.03
PPM Energy 2	2009	8	1,080.05	26.20	987.10	0.00	52.40	40.51	0.03
PPM Energy 2	2009	9	1,235.81	29.64	1,137.29	0.00	59.29	39.21	0.03
PPM Energy 2	2009	10	1,075.03	24.40	985.68	0.00	48.81	40.51	0.03
PPM Energy 2	2009	11	1,234.68	27.29	1,140.86	0.00	54.59	39.21	0.03
PPM Energy 2	2009	12	1,444.52	30.32	1,343.34	0.00	60.63	40.51	0.03
PPMEnergy1_7x24	2009		0.00	417.85	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	1	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	2	0.00	32.05	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	3	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	4	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	5	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	6	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	7	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	8	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	9	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	10	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	11	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2009	12	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009		0.00	200.39	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	6	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	7	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	8	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	9	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	10	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009		0.00	657.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	1	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	2	0.00	50.40	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	3	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	4	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	5	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	6	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	7	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	8	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	9	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	10	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	11	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2009	12	0.00	55.80	0.00	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Procter & G GT 1	2009		260.94	0.23	11.20	0.26	1.17	248.32	0.00
Procter & G GT 1	2009	1	21.09	0.00	0.00	0.00	0.00	21.09	0.00
Procter & G GT 1	2009	2	19.05	0.00	0.00	0.00	0.00	19.05	0.00
Procter & G GT 1	2009	3	21.09	0.00	0.00	0.00	0.00	21.09	0.00
Procter & G GT 1	2009	4	20.41	0.00	0.00	0.00	0.00	20.41	0.00
Procter & G GT 1	2009	5	21.09	0.00	0.00	0.00	0.00	21.09	0.00
Procter & G GT 1	2009	6	28.60	0.15	7.30	0.13	0.77	20.41	0.00
Procter & G GT 1	2009	7	21.09	0.00	0.00	0.00	0.00	21.09	0.00
Procter & G GT 1	2009	8	25.53	0.08	3.90	0.13	0.40	21.09	0.00
Procter & G GT 1	2009	9	20.41	0.00	0.00	0.00	0.00	20.41	0.00
Procter & G GT 1	2009	10	21.09	0.00	0.00	0.00	0.00	21.09	0.00
Procter & G GT 1	2009	11	20.41	0.00	0.00	0.00	0.00	20.41	0.00
Procter & G GT 1	2009	12	21.09	0.00	0.00	0.00	0.00	21.09	0.00
Robbs Peak	2009		304.42	49.10	304.42	0.00	0.00	0.00	0.00
Robbs Peak	2009	1	22.32	3.60	22.32	0.00	0.00	0.00	0.00
Robbs Peak	2009	2	33.48	5.40	33.48	0.00	0.00	0.00	0.00
Robbs Peak	2009	3	41.54	6.70	41.54	0.00	0.00	0.00	0.00
Robbs Peak	2009	4	44.64	7.20	44.64	0.00	0.00	0.00	0.00
Robbs Peak	2009	5	44.64	7.20	44.64	0.00	0.00	0.00	0.00
Robbs Peak	2009	6	34.72	5.60	34.72	0.00	0.00	0.00	0.00
Robbs Peak	2009	7	23.56	3.80	23.56	0.00	0.00	0.00	0.00
Robbs Peak	2009	8	19.84	3.20	19.84	0.00	0.00	0.00	0.00
Robbs Peak	2009	9	9.30	1.50	9.30	0.00	0.00	0.00	0.00
Robbs Peak	2009	10	8.06	1.30	8.06	0.00	0.00	0.00	0.00
Robbs Peak	2009	11	6.82	1.10	6.82	0.00	0.00	0.00	0.00
Robbs Peak	2009	12	15.50	2.50	15.50	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2009		27,546.57	506.91	23,913.96	5.64	-1,014.28	4,640.55	0.70
SCA P&G Cogen 1	2009	1	1,989.61	32.54	1,660.02	0.51	-65.10	394.13	0.04
SCA P&G Cogen 1	2009	2	1,579.01	26.27	1,275.10	0.44	-52.56	355.99	0.04
SCA P&G Cogen 1	2009	3	1,716.68	29.60	1,381.27	0.47	-59.23	394.13	0.04
SCA P&G Cogen 1	2009	4	1,602.25	28.14	1,276.67	0.44	-56.31	381.42	0.04
SCA P&G Cogen 1	2009	5	2,203.57	42.52	1,894.01	0.45	-85.09	394.13	0.06
SCA P&G Cogen 1	2009	6	2,446.89	48.95	2,162.92	0.43	-97.94	381.42	0.07
SCA P&G Cogen 1	2009	7	2,935.84	59.74	2,660.71	0.45	-119.53	394.13	0.08
SCA P&G Cogen 1	2009	8	3,057.26	61.57	2,785.78	0.46	-123.19	394.13	0.09
SCA P&G Cogen 1	2009	9	2,799.05	54.27	2,525.69	0.45	-108.58	381.42	0.07
SCA P&G Cogen 1	2009	10	2,256.11	40.09	1,941.66	0.49	-80.22	394.13	0.06
SCA P&G Cogen 1	2009	11	2,394.55	41.26	2,095.13	0.50	-82.55	381.42	0.06
SCA P&G Cogen 1	2009	12	2,565.75	41.97	2,255.00	0.54	-83.98	394.13	0.06
Slab Creek	2009		8.15	1.32	8.15	0.00	0.00	0.00	0.00
Slab Creek	2009	1	0.46	0.07	0.46	0.00	0.00	0.00	0.00
Slab Creek	2009	2	0.42	0.07	0.42	0.00	0.00	0.00	0.00
Slab Creek	2009	3	0.46	0.07	0.46	0.00	0.00	0.00	0.00
Slab Creek	2009	4	0.45	0.07	0.45	0.00	0.00	0.00	0.00
Slab Creek	2009	5	0.46	0.07	0.46	0.00	0.00	0.00	0.00
Slab Creek	2009	6	0.89	0.14	0.89	0.00	0.00	0.00	0.00
Slab Creek	2009	7	0.92	0.15	0.92	0.00	0.00	0.00	0.00
Slab Creek	2009	8	0.92	0.15	0.92	0.00	0.00	0.00	0.00
Slab Creek	2009	9	0.89	0.14	0.89	0.00	0.00	0.00	0.00
Slab Creek	2009	10	0.92	0.15	0.92	0.00	0.00	0.00	0.00
Slab Creek	2009	11	0.89	0.14	0.89	0.00	0.00	0.00	0.00
Slab Creek	2009	12	0.46	0.07	0.46	0.00	0.00	0.00	0.00
SMUD PV 1	2009		141.81	33.00	0.00	0.00	43.13	98.67	0.00
SMUD PV 1	2009	1	8.48	0.07	0.00	0.00	0.10	8.38	0.00
SMUD PV 1	2009	2	7.96	0.30	0.00	0.00	0.40	7.57	0.00
SMUD PV 1	2009	3	9.84	1.12	0.00	0.00	1.46	8.38	0.00
SMUD PV 1	2009	4	11.09	2.28	0.00	0.00	2.98	8.11	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
SMUD PV 1	2009	5	12.51	3.16	0.00	0.00	4.13	8.38	0.00
SMUD PV 1	2009	6	16.61	6.50	0.00	0.00	8.50	8.11	0.00
SMUD PV 1	2009	7	16.78	6.42	0.00	0.00	8.39	8.38	0.00
SMUD PV 1	2009	8	16.26	6.03	0.00	0.00	7.88	8.38	0.00
SMUD PV 1	2009	9	15.01	5.28	0.00	0.00	6.90	8.11	0.00
SMUD PV 1	2009	10	10.18	1.38	0.00	0.00	1.80	8.38	0.00
SMUD PV 1	2009	11	8.61	0.38	0.00	0.00	0.50	8.11	0.00
SMUD PV 1	2009	12	8.48	0.07	0.00	0.00	0.10	8.38	0.00
SMUD Solano Wi 2	2009		719.71	286.05	0.00	0.00	0.00	719.71	0.00
SMUD Solano Wi 2	2009	1	61.13	2.49	0.00	0.00	0.00	61.13	0.00
SMUD Solano Wi 2	2009	2	55.21	3.69	0.00	0.00	0.00	55.21	0.00
SMUD Solano Wi 2	2009	3	61.13	15.02	0.00	0.00	0.00	61.13	0.00
SMUD Solano Wi 2	2009	4	59.15	21.35	0.00	0.00	0.00	59.15	0.00
SMUD Solano Wi 2	2009	5	61.13	32.80	0.00	0.00	0.00	61.13	0.00
SMUD Solano Wi 2	2009	6	59.15	47.65	0.00	0.00	0.00	59.15	0.00
SMUD Solano Wi 2	2009	7	61.13	47.95	0.00	0.00	0.00	61.13	0.00
SMUD Solano Wi 2	2009	8	61.13	46.41	0.00	0.00	0.00	61.13	0.00
SMUD Solano Wi 2	2009	9	59.15	35.23	0.00	0.00	0.00	59.15	0.00
SMUD Solano Wi 2	2009	10	61.13	21.06	0.00	0.00	0.00	61.13	0.00
SMUD Solano Wi 2	2009	11	59.15	6.39	0.00	0.00	0.00	59.15	0.00
SMUD Solano Wi 2	2009	12	61.13	6.00	0.00	0.00	0.00	61.13	0.00
Snohomish	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2009		43,373.17	912.89	40,269.44	4.58	-878.18	3,976.15	1.18
SPA Campbell C 1	2009	1	3,328.68	64.08	3,052.12	0.42	-61.64	337.70	0.08
SPA Campbell C 1	2009	2	2,683.18	53.60	2,429.29	0.36	-51.56	305.02	0.07
SPA Campbell C 1	2009	3	2,952.44	61.37	2,673.32	0.38	-59.04	337.70	0.08
SPA Campbell C 1	2009	4	2,738.51	58.26	2,467.31	0.36	-56.04	326.81	0.08
SPA Campbell C 1	2009	5	3,687.96	82.47	3,429.12	0.37	-79.33	337.70	0.11
SPA Campbell C 1	2009	6	3,740.19	84.71	3,494.41	0.35	-81.49	326.81	0.11
SPA Campbell C 1	2009	7	4,242.03	96.11	3,996.29	0.37	-92.45	337.70	0.12
SPA Campbell C 1	2009	8	4,401.98	98.44	4,158.48	0.37	-94.70	337.70	0.13
SPA Campbell C 1	2009	9	4,134.86	89.61	3,893.78	0.37	-86.20	326.81	0.12
SPA Campbell C 1	2009	10	3,752.12	77.15	3,488.14	0.40	-74.22	337.70	0.10
SPA Campbell C 1	2009	11	3,555.44	69.50	3,295.00	0.40	-66.86	326.81	0.09
SPA Campbell C 1	2009	12	4,155.77	77.60	3,892.18	0.44	-74.64	337.70	0.10
Union Valley	2009		733.46	118.30	733.46	0.00	0.00	0.00	0.00
Union Valley	2009	1	38.44	6.20	38.44	0.00	0.00	0.00	0.00
Union Valley	2009	2	46.50	7.50	46.50	0.00	0.00	0.00	0.00
Union Valley	2009	3	64.48	10.40	64.48	0.00	0.00	0.00	0.00
Union Valley	2009	4	60.76	9.80	60.76	0.00	0.00	0.00	0.00
Union Valley	2009	5	78.12	12.60	78.12	0.00	0.00	0.00	0.00
Union Valley	2009	6	80.60	13.00	80.60	0.00	0.00	0.00	0.00
Union Valley	2009	7	80.60	13.00	80.60	0.00	0.00	0.00	0.00
Union Valley	2009	8	93.00	15.00	93.00	0.00	0.00	0.00	0.00
Union Valley	2009	9	79.36	12.80	79.36	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Union Valley	2009	10	30.38	4.90	30.38	0.00	0.00	0.00	0.00
Union Valley	2009	11	34.10	5.50	34.10	0.00	0.00	0.00	0.00
Union Valley	2009	12	47.12	7.60	47.12	0.00	0.00	0.00	0.00
WAPA 1	2009		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2009	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2009		7,005.82	1,129.97	7,005.82	0.00	0.00	0.00	0.00
WAPA 2	2009	1	437.29	70.53	437.29	0.00	0.00	0.00	0.00
WAPA 2	2009	2	458.72	73.99	458.72	0.00	0.00	0.00	0.00
WAPA 2	2009	3	470.04	75.81	470.04	0.00	0.00	0.00	0.00
WAPA 2	2009	4	516.04	83.23	516.04	0.00	0.00	0.00	0.00
WAPA 2	2009	5	702.53	113.31	702.53	0.00	0.00	0.00	0.00
WAPA 2	2009	6	778.52	125.57	778.52	0.00	0.00	0.00	0.00
WAPA 2	2009	7	1,007.90	162.56	1,007.90	0.00	0.00	0.00	0.00
WAPA 2	2009	8	809.55	130.57	809.55	0.00	0.00	0.00	0.00
WAPA 2	2009	9	644.16	103.90	644.16	0.00	0.00	0.00	0.00
WAPA 2	2009	10	448.83	72.39	448.83	0.00	0.00	0.00	0.00
WAPA 2	2009	11	326.32	52.63	326.32	0.00	0.00	0.00	0.00
WAPA 2	2009	12	405.93	65.47	405.93	0.00	0.00	0.00	0.00
White Rock	2009		3,381.48	545.40	3,381.48	0.00	0.00	0.00	0.00
White Rock	2009	1	265.98	42.90	265.98	0.00	0.00	0.00	0.00
White Rock	2009	2	290.78	46.90	290.78	0.00	0.00	0.00	0.00
White Rock	2009	3	427.18	68.90	427.18	0.00	0.00	0.00	0.00
White Rock	2009	4	444.54	71.70	444.54	0.00	0.00	0.00	0.00
White Rock	2009	5	512.74	82.70	512.74	0.00	0.00	0.00	0.00
White Rock	2009	6	386.88	62.40	386.88	0.00	0.00	0.00	0.00
White Rock	2009	7	254.20	41.00	254.20	0.00	0.00	0.00	0.00
White Rock	2009	8	215.14	34.70	215.14	0.00	0.00	0.00	0.00
White Rock	2009	9	188.48	30.40	188.48	0.00	0.00	0.00	0.00
White Rock	2009	10	106.02	17.10	106.02	0.00	0.00	0.00	0.00
White Rock	2009	11	107.26	17.30	107.26	0.00	0.00	0.00	0.00
White Rock	2009	12	182.28	29.40	182.28	0.00	0.00	0.00	0.00
Camino	2010		2,321.92	362.80	2,321.92	0.00	0.00	0.00	0.00
Camino	2010	1	154.24	24.10	154.24	0.00	0.00	0.00	0.00
Camino	2010	2	190.08	29.70	190.08	0.00	0.00	0.00	0.00
Camino	2010	3	255.36	39.90	255.36	0.00	0.00	0.00	0.00
Camino	2010	4	215.04	33.60	215.04	0.00	0.00	0.00	0.00
Camino	2010	5	217.60	34.00	217.60	0.00	0.00	0.00	0.00
Camino	2010	6	211.84	33.10	211.84	0.00	0.00	0.00	0.00
Camino	2010	7	212.48	33.20	212.48	0.00	0.00	0.00	0.00
Camino	2010	8	248.96	38.90	248.96	0.00	0.00	0.00	0.00
Camino	2010	9	222.08	34.70	222.08	0.00	0.00	0.00	0.00
Camino	2010	10	114.56	17.90	114.56	0.00	0.00	0.00	0.00
Camino	2010	11	115.84	18.10	115.84	0.00	0.00	0.00	0.00
Camino	2010	12	163.84	25.60	163.84	0.00	0.00	0.00	0.00
Camp Far West	2010		134.97	21.09	134.97	0.00	0.00	0.00	0.00
Camp Far West	2010	1	10.95	1.71	10.95	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Camp Far West	2010	2	17.63	2.76	17.63	0.00	0.00	0.00	0.00
Camp Far West	2010	3	19.05	2.98	19.05	0.00	0.00	0.00	0.00
Camp Far West	2010	4	15.67	2.45	15.67	0.00	0.00	0.00	0.00
Camp Far West	2010	5	18.09	2.83	18.09	0.00	0.00	0.00	0.00
Camp Far West	2010	6	17.51	2.74	17.51	0.00	0.00	0.00	0.00
Camp Far West	2010	7	14.28	2.23	14.28	0.00	0.00	0.00	0.00
Camp Far West	2010	8	12.38	1.93	12.38	0.00	0.00	0.00	0.00
Camp Far West	2010	9	1.84	0.29	1.84	0.00	0.00	0.00	0.00
Camp Far West	2010	10	0.95	0.15	0.95	0.00	0.00	0.00	0.00
Camp Far West	2010	11	1.84	0.29	1.84	0.00	0.00	0.00	0.00
Camp Far West	2010	12	4.76	0.74	4.76	0.00	0.00	0.00	0.00
Carson Ice CGCC	2010		19,050.45	349.91	16,853.33	1.38	515.61	1,679.85	0.29
Carson Ice CGCC	2010	1	1,539.25	25.88	1,358.30	0.13	38.13	142.67	0.02
Carson Ice CGCC	2010	2	1,330.26	23.37	1,166.82	0.11	34.44	128.87	0.02
Carson Ice CGCC	2010	3	1,437.75	26.23	1,256.28	0.11	38.65	142.67	0.02
Carson Ice CGCC	2010	4	1,342.58	25.04	1,167.48	0.11	36.90	138.07	0.02
Carson Ice CGCC	2010	5	1,561.70	30.37	1,374.15	0.11	44.75	142.67	0.03
Carson Ice CGCC	2010	6	1,604.70	31.79	1,419.66	0.11	46.84	138.07	0.03
Carson Ice CGCC	2010	7	1,692.16	33.47	1,500.04	0.11	49.32	142.67	0.03
Carson Ice CGCC	2010	8	1,716.43	33.38	1,524.43	0.11	49.18	142.67	0.03
Carson Ice CGCC	2010	9	1,665.89	31.44	1,481.35	0.11	46.33	138.07	0.03
Carson Ice CGCC	2010	10	1,658.61	29.87	1,471.77	0.12	44.02	142.67	0.02
Carson Ice CGCC	2010	11	1,651.58	28.56	1,471.28	0.12	42.08	138.07	0.02
Carson Ice CGCC	2010	12	1,849.55	30.52	1,661.75	0.13	44.97	142.67	0.03
Carson Ice CGGT	2010		1,264.26	0.92	50.19	2.79	2.96	1,208.31	0.00
Carson Ice CGGT	2010	1	102.62	0.00	0.00	0.00	0.00	102.62	0.00
Carson Ice CGGT	2010	2	92.69	0.00	0.00	0.00	0.00	92.69	0.00
Carson Ice CGGT	2010	3	102.62	0.00	0.00	0.00	0.00	102.62	0.00
Carson Ice CGGT	2010	4	99.31	0.00	0.00	0.00	0.00	99.31	0.00
Carson Ice CGGT	2010	5	102.62	0.00	0.00	0.00	0.00	102.62	0.00
Carson Ice CGGT	2010	6	99.31	0.00	0.00	0.00	0.00	99.31	0.00
Carson Ice CGGT	2010	7	156.34	0.89	48.22	2.65	2.85	102.62	0.00
Carson Ice CGGT	2010	8	104.85	0.04	1.97	0.15	0.11	102.62	0.00
Carson Ice CGGT	2010	9	99.31	0.00	0.00	0.00	0.00	99.31	0.00
Carson Ice CGGT	2010	10	102.62	0.00	0.00	0.00	0.00	102.62	0.00
Carson Ice CGGT	2010	11	99.31	0.00	0.00	0.00	0.00	99.31	0.00
Carson Ice CGGT	2010	12	102.62	0.00	0.00	0.00	0.00	102.62	0.00
CDWR_Ex_6x16OnPl	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2010		68,088.70	1,468.92	68,088.70	0.00	0.00	0.00	0.00
CNP15_Markets p	2010	1	10,055.88	227.09	10,055.88	0.00	0.00	0.00	0.00
CNP15_Markets p	2010	2	5,830.69	142.85	5,830.69	0.00	0.00	0.00	0.00
CNP15_Markets p	2010	3	3,068.42	77.96	3,068.42	0.00	0.00	0.00	0.00
CNP15_Markets p	2010	4	2,705.50	71.81	2,705.50	0.00	0.00	0.00	0.00
CNP15_Markets p	2010	5	2,029.31	53.01	2,029.31	0.00	0.00	0.00	0.00
CNP15_Markets p	2010	6	2,233.80	49.16	2,233.80	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
G1nGT SMUD 33	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 1	2010		2,929.02	32.36	1,808.90	55.24	363.27	701.61	0.00
GenGT SMUD 1	2010	1	287.76	3.10	185.34	8.03	34.80	59.59	0.00
GenGT SMUD 1	2010	2	219.96	2.36	134.19	5.45	26.49	53.82	0.00
GenGT SMUD 1	2010	3	186.12	1.86	101.62	4.03	20.88	59.59	0.00
GenGT SMUD 1	2010	4	142.33	1.29	68.27	1.96	14.43	57.67	0.00
GenGT SMUD 1	2010	5	196.15	2.08	108.50	4.70	23.37	59.59	0.00
GenGT SMUD 1	2010	6	263.43	3.20	165.94	3.90	35.93	57.67	0.00
GenGT SMUD 1	2010	7	282.45	3.45	180.06	4.03	38.78	59.59	0.00
GenGT SMUD 1	2010	8	288.67	3.50	185.78	4.03	39.27	59.59	0.00
GenGT SMUD 1	2010	9	273.90	3.21	175.61	4.54	36.08	57.67	0.00
GenGT SMUD 1	2010	10	185.01	1.79	101.34	4.03	20.06	59.59	0.00
GenGT SMUD 1	2010	11	232.62	2.40	142.82	5.19	26.94	57.67	0.00
GenGT SMUD 1	2010	12	370.62	4.12	259.43	5.36	46.23	59.59	0.00
GenGT SMUD 10	2010		2,608.83	27.67	1,543.99	52.60	310.63	701.61	0.00
GenGT SMUD 10	2010	1	264.41	2.79	166.81	6.70	31.32	59.59	0.00
GenGT SMUD 10	2010	2	194.92	1.99	113.28	5.45	22.36	53.82	0.00
GenGT SMUD 10	2010	3	183.87	1.82	99.20	4.70	20.38	59.59	0.00
GenGT SMUD 10	2010	4	130.02	1.11	59.17	0.67	12.51	57.67	0.00
GenGT SMUD 10	2010	5	163.95	1.59	83.10	3.36	17.90	59.59	0.00
GenGT SMUD 10	2010	6	221.70	2.53	131.10	4.54	28.39	57.67	0.00
GenGT SMUD 10	2010	7	274.04	3.32	173.13	4.03	37.29	59.59	0.00
GenGT SMUD 10	2010	8	277.27	3.32	176.37	4.03	37.29	59.59	0.00
GenGT SMUD 10	2010	9	243.50	2.74	149.85	5.19	30.79	57.67	0.00
GenGT SMUD 10	2010	10	150.22	1.28	72.85	3.36	14.42	59.59	0.00
GenGT SMUD 10	2010	11	189.53	1.80	107.12	4.54	20.21	57.67	0.00
GenGT SMUD 10	2010	12	315.41	3.37	212.01	6.03	37.78	59.59	0.00
GenGT SMUD 11	2010		2,428.56	25.08	1,396.68	48.68	281.59	701.61	0.00
GenGT SMUD 11	2010	1	239.25	2.44	145.63	6.70	27.34	59.59	0.00
GenGT SMUD 11	2010	2	156.71	1.44	81.88	4.84	16.17	53.82	0.00
GenGT SMUD 11	2010	3	130.70	1.02	55.65	4.03	11.43	59.59	0.00
GenGT SMUD 11	2010	4	154.01	1.46	77.38	2.61	16.36	57.67	0.00
GenGT SMUD 11	2010	5	157.67	1.51	78.49	2.69	16.90	59.59	0.00
GenGT SMUD 11	2010	6	225.81	2.61	135.54	3.25	29.35	57.67	0.00
GenGT SMUD 11	2010	7	268.43	3.23	168.52	4.03	36.29	59.59	0.00
GenGT SMUD 11	2010	8	260.18	3.06	162.26	4.03	34.30	59.59	0.00
GenGT SMUD 11	2010	9	228.74	2.53	138.14	4.54	28.39	57.67	0.00
GenGT SMUD 11	2010	10	134.50	1.06	60.29	2.69	11.93	59.59	0.00
GenGT SMUD 11	2010	11	167.67	1.50	89.26	3.90	16.84	57.67	0.00
GenGT SMUD 11	2010	12	304.89	3.23	203.64	5.36	36.29	59.59	0.00
GenGT SMUD 12	2010		2,127.48	20.71	1,147.15	46.23	232.49	701.61	0.00
GenGT SMUD 12	2010	1	192.08	1.77	105.91	6.70	19.89	59.59	0.00
GenGT SMUD 12	2010	2	131.00	1.08	61.41	3.64	12.12	53.82	0.00
GenGT SMUD 12	2010	3	125.53	0.93	50.81	4.70	10.44	59.59	0.00
GenGT SMUD 12	2010	4	142.98	1.29	68.27	2.61	14.43	57.67	0.00
GenGT SMUD 12	2010	5	147.12	1.33	69.25	3.36	14.91	59.59	0.00
GenGT SMUD 12	2010	6	201.48	2.23	115.55	3.25	25.02	57.67	0.00
GenGT SMUD 12	2010	7	262.81	3.14	163.90	4.03	35.30	59.59	0.00
GenGT SMUD 12	2010	8	249.45	2.88	152.86	4.70	32.31	59.59	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 20	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 25	2010		1,491.66	11.63	634.73	24.81	130.51	701.61	0.00
GenGT SMUD 25	2010	1	131.47	0.97	58.25	2.69	10.94	59.59	0.00
GenGT SMUD 25	2010	2	56.57	0.04	2.27	0.02	0.45	53.82	0.00
GenGT SMUD 25	2010	3	71.95	0.18	9.68	0.69	1.99	59.59	0.00
GenGT SMUD 25	2010	4	63.85	0.09	4.55	0.67	0.96	57.67	0.00
GenGT SMUD 25	2010	5	112.12	0.80	41.55	2.03	8.95	59.59	0.00
GenGT SMUD 25	2010	6	183.97	1.97	102.21	1.96	22.13	57.67	0.00
GenGT SMUD 25	2010	7	226.34	2.57	133.89	4.03	28.83	59.59	0.00
GenGT SMUD 25	2010	8	214.60	2.35	124.64	4.03	26.35	59.59	0.00
GenGT SMUD 25	2010	9	121.72	0.94	51.51	1.96	10.58	57.67	0.00
GenGT SMUD 25	2010	10	79.00	0.27	15.07	1.36	2.98	59.59	0.00
GenGT SMUD 25	2010	11	69.82	0.17	10.20	0.02	1.92	57.67	0.00
GenGT SMUD 25	2010	12	160.24	1.28	80.90	5.34	14.42	59.59	0.00
GenGT SMUD 26	2010		1,321.94	9.20	496.86	20.19	103.28	701.61	0.00
GenGT SMUD 26	2010	1	93.07	0.44	26.48	2.03	4.97	59.59	0.00
GenGT SMUD 26	2010	2	62.02	0.12	6.82	0.02	1.35	53.82	0.00
GenGT SMUD 26	2010	3	62.53	0.04	2.42	0.03	0.50	59.59	0.00
GenGT SMUD 26	2010	4	63.85	0.09	4.55	0.67	0.96	57.67	0.00
GenGT SMUD 26	2010	5	103.70	0.66	34.63	2.03	7.46	59.59	0.00
GenGT SMUD 26	2010	6	164.41	1.67	86.66	1.32	18.76	57.67	0.00
GenGT SMUD 26	2010	7	207.37	2.26	117.73	4.70	25.35	59.59	0.00
GenGT SMUD 26	2010	8	203.21	2.17	115.23	4.03	24.36	59.59	0.00
GenGT SMUD 26	2010	9	104.79	0.69	37.46	1.96	7.70	57.67	0.00
GenGT SMUD 26	2010	10	71.65	0.18	10.05	0.03	1.99	59.59	0.00
GenGT SMUD 26	2010	11	69.82	0.17	10.20	0.02	1.92	57.67	0.00
GenGT SMUD 26	2010	12	115.54	0.71	44.63	3.36	7.95	59.59	0.00
GenGT SMUD 27	2010		1,272.32	8.50	457.13	18.16	95.42	701.61	0.00
GenGT SMUD 27	2010	1	79.82	0.27	15.89	1.36	2.98	59.59	0.00
GenGT SMUD 27	2010	2	59.29	0.08	4.55	0.02	0.90	53.82	0.00
GenGT SMUD 27	2010	3	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 27	2010	4	60.45	0.04	2.28	0.02	0.48	57.67	0.00
GenGT SMUD 27	2010	5	98.09	0.58	30.01	2.03	6.46	59.59	0.00
GenGT SMUD 27	2010	6	167.11	1.71	88.88	1.32	19.24	57.67	0.00
GenGT SMUD 27	2010	7	206.70	2.26	117.73	4.03	25.35	59.59	0.00
GenGT SMUD 27	2010	8	192.48	1.99	105.82	4.70	22.37	59.59	0.00
GenGT SMUD 27	2010	9	107.61	0.73	39.80	1.96	8.18	57.67	0.00
GenGT SMUD 27	2010	10	68.64	0.13	7.54	0.03	1.49	59.59	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 41	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2010		1,084.58	5.79	307.18	10.79	65.00	701.61	0.00
GenGT SMUD 45	2010	1	72.19	0.18	10.59	0.03	1.99	59.59	0.00
GenGT SMUD 45	2010	2	53.82	0.00	0.00	0.00	0.00	53.82	0.00
GenGT SMUD 45	2010	3	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 45	2010	4	57.67	0.00	0.00	0.00	0.00	57.67	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 45	2010	5	77.78	0.27	13.85	1.36	2.98	59.59	0.00
GenGT SMUD 45	2010	6	153.59	1.50	77.77	1.32	16.84	57.67	0.00
GenGT SMUD 45	2010	7	178.65	1.82	94.65	4.03	20.38	59.59	0.00
GenGT SMUD 45	2010	8	168.35	1.64	87.01	3.36	18.39	59.59	0.00
GenGT SMUD 45	2010	9	69.63	0.17	9.37	0.67	1.92	57.67	0.00
GenGT SMUD 45	2010	10	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 45	2010	11	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 45	2010	12	76.05	0.22	13.95	0.03	2.49	59.59	0.00
GenGT SMUD 46	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2010		1,039.98	5.09	270.41	10.81	57.14	701.61	0.00
GenGT SMUD 5	2010	1	69.05	0.13	7.94	0.03	1.49	59.59	0.00
GenGT SMUD 5	2010	2	53.82	0.00	0.00	0.00	0.00	53.82	0.00
GenGT SMUD 5	2010	3	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 5	2010	4	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 5	2010	5	71.50	0.18	9.23	0.69	1.99	59.59	0.00
GenGT SMUD 5	2010	6	137.37	1.24	64.44	1.32	13.95	57.67	0.00
GenGT SMUD 5	2010	7	170.90	1.68	87.72	4.70	18.89	59.59	0.00
GenGT SMUD 5	2010	8	154.11	1.42	75.25	3.36	15.91	59.59	0.00
GenGT SMUD 5	2010	9	69.63	0.17	9.37	0.67	1.92	57.67	0.00
GenGT SMUD 5	2010	10	62.62	0.04	2.51	0.03	0.50	59.59	0.00
GenGT SMUD 5	2010	11	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 5	2010	12	76.05	0.22	13.95	0.03	2.49	59.59	0.00
GenGT SMUD 6	2010		996.73	4.47	235.44	9.45	50.23	701.61	0.00
GenGT SMUD 6	2010	1	65.90	0.09	5.30	0.03	0.99	59.59	0.00
GenGT SMUD 6	2010	2	53.82	0.00	0.00	0.00	0.00	53.82	0.00
GenGT SMUD 6	2010	3	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 6	2010	4	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 6	2010	5	68.03	0.13	6.93	0.03	1.49	59.59	0.00
GenGT SMUD 6	2010	6	129.26	1.11	57.77	1.32	12.51	57.67	0.00
GenGT SMUD 6	2010	7	170.23	1.68	87.72	4.03	18.89	59.59	0.00
GenGT SMUD 6	2010	8	142.72	1.24	65.85	3.36	13.92	59.59	0.00
GenGT SMUD 6	2010	9	69.63	0.17	9.37	0.67	1.92	57.67	0.00
GenGT SMUD 6	2010	10	62.62	0.04	2.51	0.03	0.50	59.59	0.00
GenGT SMUD 6	2010	11	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 6	2010	12	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 7	2010		956.44	3.85	203.44	8.12	43.27	701.61	0.00
GenGT SMUD 7	2010	1	62.76	0.04	2.65	0.03	0.50	59.59	0.00
GenGT SMUD 7	2010	2	53.82	0.00	0.00	0.00	0.00	53.82	0.00
GenGT SMUD 7	2010	3	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 7	2010	4	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 7	2010	5	62.42	0.04	2.31	0.03	0.50	59.59	0.00
GenGT SMUD 7	2010	6	134.67	1.20	62.22	1.32	13.47	57.67	0.00
GenGT SMUD 7	2010	7	155.53	1.46	76.18	3.36	16.41	59.59	0.00
GenGT SMUD 7	2010	8	119.26	0.89	47.03	2.69	9.94	59.59	0.00
GenGT SMUD 7	2010	9	63.98	0.09	4.68	0.67	0.96	57.67	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 7	2010	10	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 7	2010	11	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 7	2010	12	69.48	0.13	8.37	0.03	1.49	59.59	0.00
GenGT SMUD 8	2010		930.98	3.51	183.89	6.11	39.35	701.61	0.00
GenGT SMUD 8	2010	1	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 8	2010	2	53.82	0.00	0.00	0.00	0.00	53.82	0.00
GenGT SMUD 8	2010	3	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 8	2010	4	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 8	2010	5	65.23	0.09	4.62	0.03	0.99	59.59	0.00
GenGT SMUD 8	2010	6	126.56	1.07	55.55	1.32	12.03	57.67	0.00
GenGT SMUD 8	2010	7	149.26	1.37	71.56	2.69	15.41	59.59	0.00
GenGT SMUD 8	2010	8	118.59	0.89	47.03	2.03	9.94	59.59	0.00
GenGT SMUD 8	2010	9	60.51	0.04	2.34	0.02	0.48	57.67	0.00
GenGT SMUD 8	2010	10	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 8	2010	11	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 8	2010	12	62.90	0.04	2.79	0.03	0.50	59.59	0.00
GenGT SMUD 9	2010		888.47	2.85	148.83	6.06	31.96	701.61	0.00
GenGT SMUD 9	2010	1	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 9	2010	2	53.82	0.00	0.00	0.00	0.00	53.82	0.00
GenGT SMUD 9	2010	3	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 9	2010	4	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 9	2010	5	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 9	2010	6	115.75	0.90	46.66	1.32	10.10	57.67	0.00
GenGT SMUD 9	2010	7	146.45	1.33	69.25	2.69	14.91	59.59	0.00
GenGT SMUD 9	2010	8	98.65	0.58	30.57	2.03	6.46	59.59	0.00
GenGT SMUD 9	2010	9	60.51	0.04	2.34	0.02	0.48	57.67	0.00
GenGT SMUD 9	2010	10	59.59	0.00	0.00	0.00	0.00	59.59	0.00
GenGT SMUD 9	2010	11	57.67	0.00	0.00	0.00	0.00	57.67	0.00
GenGT SMUD 9	2010	12	59.59	0.00	0.00	0.00	0.00	59.59	0.00
Jaybird	2010		3,405.44	532.10	3,405.44	0.00	0.00	0.00	0.00
Jaybird	2010	1	224.64	35.10	224.64	0.00	0.00	0.00	0.00
Jaybird	2010	2	251.52	39.30	251.52	0.00	0.00	0.00	0.00
Jaybird	2010	3	335.36	52.40	335.36	0.00	0.00	0.00	0.00
Jaybird	2010	4	291.20	45.50	291.20	0.00	0.00	0.00	0.00
Jaybird	2010	5	320.00	50.00	320.00	0.00	0.00	0.00	0.00
Jaybird	2010	6	316.16	49.40	316.16	0.00	0.00	0.00	0.00
Jaybird	2010	7	328.96	51.40	328.96	0.00	0.00	0.00	0.00
Jaybird	2010	8	381.44	59.60	381.44	0.00	0.00	0.00	0.00
Jaybird	2010	9	343.68	53.70	343.68	0.00	0.00	0.00	0.00
Jaybird	2010	10	187.52	29.30	187.52	0.00	0.00	0.00	0.00
Jaybird	2010	11	181.12	28.30	181.12	0.00	0.00	0.00	0.00
Jaybird	2010	12	243.84	38.10	243.84	0.00	0.00	0.00	0.00
Jones Fork	2010		138.88	21.70	138.88	0.00	0.00	0.00	0.00
Jones Fork	2010	1	9.60	1.50	9.60	0.00	0.00	0.00	0.00
Jones Fork	2010	2	10.88	1.70	10.88	0.00	0.00	0.00	0.00
Jones Fork	2010	3	14.08	2.20	14.08	0.00	0.00	0.00	0.00
Jones Fork	2010	4	13.44	2.10	13.44	0.00	0.00	0.00	0.00
Jones Fork	2010	5	14.08	2.20	14.08	0.00	0.00	0.00	0.00
Jones Fork	2010	6	16.64	2.60	16.64	0.00	0.00	0.00	0.00
Jones Fork	2010	7	10.88	1.70	10.88	0.00	0.00	0.00	0.00
Jones Fork	2010	8	12.16	1.90	12.16	0.00	0.00	0.00	0.00
Jones Fork	2010	9	13.44	2.10	13.44	0.00	0.00	0.00	0.00
Jones Fork	2010	10	10.88	1.70	10.88	0.00	0.00	0.00	0.00
Jones Fork	2010	11	4.48	0.70	4.48	0.00	0.00	0.00	0.00
Jones Fork	2010	12	8.32	1.30	8.32	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2010		4,716.36	70.12	2,348.25	0.00	2,358.59	9.30	0.22
Kiefer Landfil 1	2010	1	395.59	5.88	196.96	0.00	197.83	0.79	0.02

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Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Kiefer Landfil 1	2010	2	357.31	5.31	177.90	0.00	178.68	0.71	0.02
Kiefer Landfil 1	2010	3	395.59	5.88	196.96	0.00	197.83	0.79	0.02
Kiefer Landfil 1	2010	4	382.83	5.69	190.60	0.00	191.44	0.76	0.02
Kiefer Landfil 1	2010	5	405.46	6.03	201.88	0.00	202.77	0.79	0.02
Kiefer Landfil 1	2010	6	392.38	5.83	195.37	0.00	196.23	0.76	0.02
Kiefer Landfil 1	2010	7	405.46	6.03	201.88	0.00	202.77	0.79	0.02
Kiefer Landfil 1	2010	8	405.46	6.03	201.88	0.00	202.77	0.79	0.02
Kiefer Landfil 1	2010	9	392.38	5.83	195.37	0.00	196.23	0.76	0.02
Kiefer Landfil 1	2010	10	402.99	5.99	200.65	0.00	201.53	0.79	0.02
Kiefer Landfil 1	2010	11	382.83	5.69	190.60	0.00	191.44	0.76	0.02
Kiefer Landfil 1	2010	12	398.06	5.92	198.19	0.00	199.06	0.79	0.02
Klamath Falls 1	2010		15,093.20	343.34	13,929.28	0.00	686.68	477.00	0.24
Klamath Falls 1	2010	1	1,285.46	27.25	1,190.41	0.00	54.51	40.51	0.02
Klamath Falls 1	2010	2	1,132.22	25.17	1,045.28	0.00	50.33	36.59	0.02
Klamath Falls 1	2010	3	1,229.14	28.42	1,131.78	0.00	56.83	40.51	0.02
Klamath Falls 1	2010	4	1,060.96	24.95	971.84	0.00	49.89	39.21	0.02
Klamath Falls 1	2010	5	1,157.82	27.79	1,061.72	0.00	55.57	40.51	0.02
Klamath Falls 1	2010	6	1,146.95	27.65	1,052.42	0.00	55.30	39.21	0.02
Klamath Falls 1	2010	7	1,235.04	29.62	1,135.27	0.00	59.24	40.51	0.02
Klamath Falls 1	2010	8	1,370.16	32.73	1,264.16	0.00	65.46	40.51	0.02
Klamath Falls 1	2010	9	1,327.28	30.96	1,226.13	0.00	61.92	39.21	0.02
Klamath Falls 1	2010	10	1,393.53	31.21	1,290.56	0.00	62.43	40.51	0.02
Klamath Falls 1	2010	11	1,250.23	26.88	1,157.24	0.00	53.77	39.21	0.02
Klamath Falls 1	2010	12	1,504.42	30.71	1,402.46	0.00	61.43	40.51	0.02
KlamathFalls2_Su	2010		0.00	60.01	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	6	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	7	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	8	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	9	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	10	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2010		622.08	97.20	622.08	0.00	0.00	0.00	0.00
Loon Lake	2010	1	33.28	5.20	33.28	0.00	0.00	0.00	0.00
Loon Lake	2010	2	65.92	10.30	65.92	0.00	0.00	0.00	0.00
Loon Lake	2010	3	53.12	8.30	53.12	0.00	0.00	0.00	0.00
Loon Lake	2010	4	46.72	7.30	46.72	0.00	0.00	0.00	0.00
Loon Lake	2010	5	60.80	9.50	60.80	0.00	0.00	0.00	0.00
Loon Lake	2010	6	87.68	13.70	87.68	0.00	0.00	0.00	0.00
Loon Lake	2010	7	81.92	12.80	81.92	0.00	0.00	0.00	0.00
Loon Lake	2010	8	71.68	11.20	71.68	0.00	0.00	0.00	0.00
Loon Lake	2010	9	34.56	5.40	34.56	0.00	0.00	0.00	0.00
Loon Lake	2010	10	32.00	5.00	32.00	0.00	0.00	0.00	0.00
Loon Lake	2010	11	21.12	3.30	21.12	0.00	0.00	0.00	0.00
Loon Lake	2010	12	33.28	5.20	33.28	0.00	0.00	0.00	0.00
McClellan CT 1	2010		415.60	0.66	47.62	11.53	1.34	355.11	0.00
McClellan CT 1	2010	1	30.16	0.00	0.00	0.00	0.00	30.16	0.00
McClellan CT 1	2010	2	27.24	0.00	0.00	0.00	0.00	27.24	0.00
McClellan CT 1	2010	3	30.16	0.00	0.00	0.00	0.00	30.16	0.00
McClellan CT 1	2010	4	29.19	0.00	0.00	0.00	0.00	29.19	0.00
McClellan CT 1	2010	5	30.16	0.00	0.00	0.00	0.00	30.16	0.00
McClellan CT 1	2010	6	41.45	0.13	9.17	2.84	0.26	29.19	0.00

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McClellan CT 1	2010	7	52.70	0.27	19.05	2.95	0.54	30.16	0.00
McClellan CT 1	2010	8	55.85	0.27	19.40	5.74	0.54	30.16	0.00
McClellan CT 1	2010	9	29.19	0.00	0.00	0.00	0.00	29.19	0.00
McClellan CT 1	2010	10	30.16	0.00	0.00	0.00	0.00	30.16	0.00
McClellan CT 1	2010	11	29.19	0.00	0.00	0.00	0.00	29.19	0.00
McClellan CT 1	2010	12	30.16	0.00	0.00	0.00	0.00	30.16	0.00
McClellan CT 2	2010		1,747.52	23.13	1,242.50	102.78	47.10	355.11	0.02
McClellan CT 2	2010	1	107.28	1.11	64.68	10.18	2.26	30.16	0.00
McClellan CT 2	2010	2	82.47	0.81	44.84	8.75	1.65	27.24	0.00
McClellan CT 2	2010	3	73.14	0.64	34.22	7.46	1.31	30.16	0.00
McClellan CT 2	2010	4	50.97	0.34	17.56	3.54	0.69	29.19	0.00
McClellan CT 2	2010	5	104.46	1.31	66.28	5.35	2.66	30.16	0.00
McClellan CT 2	2010	6	177.42	2.66	134.27	8.54	5.41	29.19	0.00
McClellan CT 2	2010	7	232.19	3.62	184.01	10.64	7.38	30.16	0.00
McClellan CT 2	2010	8	287.37	4.58	237.04	10.84	9.33	30.16	0.00
McClellan CT 2	2010	9	212.18	3.15	167.57	9.00	6.41	29.19	0.00
McClellan CT 2	2010	10	63.89	0.49	26.91	5.82	0.99	30.16	0.00
McClellan CT 2	2010	11	147.61	1.81	104.93	9.81	3.69	29.19	0.00
McClellan CT 2	2010	12	208.53	2.61	160.20	12.85	5.32	30.16	0.00
MorganStanley1_O	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2010		5,654.22	11.07	580.26	38.36	124.30	4,911.30	0.00
Peaker SMUD 1	2010	1	417.12	0.00	0.00	0.00	0.00	417.12	0.00
Peaker SMUD 1	2010	2	376.76	0.00	0.00	0.00	0.00	376.76	0.00
Peaker SMUD 1	2010	3	417.12	0.00	0.00	0.00	0.00	417.12	0.00
Peaker SMUD 1	2010	4	403.67	0.00	0.00	0.00	0.00	403.67	0.00
Peaker SMUD 1	2010	5	442.50	0.40	20.78	0.13	4.47	417.12	0.00
Peaker SMUD 1	2010	6	577.77	2.61	135.54	9.21	29.35	403.67	0.00
Peaker SMUD 1	2010	7	691.04	4.16	216.99	10.19	46.73	417.12	0.00
Peaker SMUD 1	2010	8	686.65	3.90	206.94	18.83	43.75	417.12	0.00
Peaker SMUD 1	2010	9	403.67	0.00	0.00	0.00	0.00	403.67	0.00
Peaker SMUD 1	2010	10	417.12	0.00	0.00	0.00	0.00	417.12	0.00
Peaker SMUD 1	2010	11	403.67	0.00	0.00	0.00	0.00	403.67	0.00

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Peaker SMUD 1	2010	12	417.12	0.00	0.00	0.00	0.00	417.12	0.00
Peaker SMUD 2	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 2	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 3	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 4	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPL Coal 1	2010		9,924.54	355.41	9,924.37	0.00	0.00	0.00	0.17
PPL Coal 1	2010	1	906.08	30.19	906.06	0.00	0.00	0.00	0.01
PPL Coal 1	2010	2	778.35	27.26	778.34	0.00	0.00	0.00	0.01
PPL Coal 1	2010	3	827.97	30.19	827.95	0.00	0.00	0.00	0.01
PPL Coal 1	2010	4	778.79	29.21	778.77	0.00	0.00	0.00	0.01
PPL Coal 1	2010	5	789.97	30.19	789.95	0.00	0.00	0.00	0.01
PPL Coal 1	2010	6	760.40	29.21	760.39	0.00	0.00	0.00	0.01
PPL Coal 1	2010	7	789.97	30.19	789.95	0.00	0.00	0.00	0.01
PPL Coal 1	2010	8	804.74	30.19	804.73	0.00	0.00	0.00	0.01
PPL Coal 1	2010	9	801.26	29.21	801.25	0.00	0.00	0.00	0.01
PPL Coal 1	2010	10	859.63	30.19	859.62	0.00	0.00	0.00	0.01
PPL Coal 1	2010	11	872.76	29.21	872.75	0.00	0.00	0.00	0.01
PPL Coal 1	2010	12	954.63	30.19	954.62	0.00	0.00	0.00	0.01
PPM Energy 2	2010		14,547.28	330.31	13,409.43	0.00	660.62	477.00	0.23
PPM Energy 2	2010	1	1,271.84	26.94	1,177.43	0.00	53.88	40.51	0.02
PPM Energy 2	2010	2	1,113.17	24.71	1,027.14	0.00	49.43	36.59	0.02
PPM Energy 2	2010	3	1,243.50	28.82	1,145.33	0.00	57.64	40.51	0.02

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPM Energy 2	2010	4	1,029.07	24.23	941.38	0.00	48.46	39.21	0.02
PPM Energy 2	2010	5	1,086.28	25.99	993.77	0.00	51.98	40.51	0.02
PPM Energy 2	2010	6	1,027.63	24.74	938.93	0.00	49.48	39.21	0.02
PPM Energy 2	2010	7	1,141.38	27.36	1,046.12	0.00	54.73	40.51	0.02
PPM Energy 2	2010	8	1,298.27	30.94	1,195.86	0.00	61.88	40.51	0.02
PPM Energy 2	2010	9	1,309.37	30.56	1,209.01	0.00	61.13	39.21	0.02
PPM Energy 2	2010	10	1,267.25	28.31	1,170.10	0.00	56.62	40.51	0.02
PPM Energy 2	2010	11	1,287.04	27.70	1,192.42	0.00	55.40	39.21	0.02
PPM Energy 2	2010	12	1,472.47	30.00	1,371.94	0.00	60.00	40.51	0.02
PPMEnergy1_7x24	2010		0.00	207.21	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	1	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	2	0.00	32.05	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	3	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	4	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	5	0.00	35.49	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	6	0.00	34.34	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010		0.00	200.39	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	6	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	7	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	8	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	9	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	10	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010		0.00	657.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	1	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	2	0.00	50.40	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	3	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	4	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	5	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	6	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	7	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	8	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	9	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	10	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	11	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2010	12	0.00	55.80	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2010		336.56	1.39	70.90	3.81	7.32	254.52	0.00
Procter & G GT 1	2010	1	21.62	0.00	0.00	0.00	0.00	21.62	0.00
Procter & G GT 1	2010	2	19.53	0.00	0.00	0.00	0.00	19.53	0.00
Procter & G GT 1	2010	3	21.62	0.00	0.00	0.00	0.00	21.62	0.00
Procter & G GT 1	2010	4	20.92	0.00	0.00	0.00	0.00	20.92	0.00
Procter & G GT 1	2010	5	21.62	0.00	0.00	0.00	0.00	21.62	0.00
Procter & G GT 1	2010	6	20.92	0.00	0.00	0.00	0.00	20.92	0.00
Procter & G GT 1	2010	7	90.80	1.17	59.36	3.67	6.15	21.62	0.00
Procter & G GT 1	2010	8	34.47	0.22	11.54	0.14	1.17	21.62	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Procter & G GT 1	2010	9	20.92	0.00	0.00	0.00	0.00	20.92	0.00
Procter & G GT 1	2010	10	21.62	0.00	0.00	0.00	0.00	21.62	0.00
Procter & G GT 1	2010	11	20.92	0.00	0.00	0.00	0.00	20.92	0.00
Procter & G GT 1	2010	12	21.62	0.00	0.00	0.00	0.00	21.62	0.00
Robbs Peak	2010		314.24	49.10	314.24	0.00	0.00	0.00	0.00
Robbs Peak	2010	1	23.04	3.60	23.04	0.00	0.00	0.00	0.00
Robbs Peak	2010	2	34.56	5.40	34.56	0.00	0.00	0.00	0.00
Robbs Peak	2010	3	42.88	6.70	42.88	0.00	0.00	0.00	0.00
Robbs Peak	2010	4	46.08	7.20	46.08	0.00	0.00	0.00	0.00
Robbs Peak	2010	5	46.08	7.20	46.08	0.00	0.00	0.00	0.00
Robbs Peak	2010	6	35.84	5.60	35.84	0.00	0.00	0.00	0.00
Robbs Peak	2010	7	24.32	3.80	24.32	0.00	0.00	0.00	0.00
Robbs Peak	2010	8	20.48	3.20	20.48	0.00	0.00	0.00	0.00
Robbs Peak	2010	9	9.60	1.50	9.60	0.00	0.00	0.00	0.00
Robbs Peak	2010	10	8.32	1.30	8.32	0.00	0.00	0.00	0.00
Robbs Peak	2010	11	7.04	1.10	7.04	0.00	0.00	0.00	0.00
Robbs Peak	2010	12	16.00	2.50	16.00	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2010		30,427.46	550.80	26,794.28	5.81	-1,129.65	4,756.56	0.46
SCA P&G Cogen 1	2010	1	2,152.27	34.57	1,818.64	0.53	-70.91	403.98	0.03
SCA P&G Cogen 1	2010	2	1,673.14	27.26	1,363.67	0.46	-55.90	364.89	0.02
SCA P&G Cogen 1	2010	3	1,928.03	33.11	1,591.44	0.49	-67.90	403.98	0.03
SCA P&G Cogen 1	2010	4	1,790.96	31.33	1,463.79	0.46	-64.26	390.95	0.03
SCA P&G Cogen 1	2010	5	2,604.39	50.21	2,302.89	0.46	-102.99	403.98	0.04
SCA P&G Cogen 1	2010	6	2,885.61	57.25	2,611.59	0.45	-117.42	390.95	0.05
SCA P&G Cogen 1	2010	7	3,108.62	61.72	2,830.72	0.46	-126.59	403.98	0.05
SCA P&G Cogen 1	2010	8	3,177.94	62.09	2,900.78	0.47	-127.34	403.98	0.05
SCA P&G Cogen 1	2010	9	2,928.12	55.13	2,649.71	0.47	-113.06	390.95	0.05
SCA P&G Cogen 1	2010	10	2,591.41	45.70	2,280.61	0.50	-93.73	403.98	0.04
SCA P&G Cogen 1	2010	11	2,716.51	46.22	2,419.80	0.51	-94.79	390.95	0.04
SCA P&G Cogen 1	2010	12	2,870.46	46.20	2,560.65	0.56	-94.76	403.98	0.04
Slab Creek	2010		8.42	1.32	8.42	0.00	0.00	0.00	0.00
Slab Creek	2010	1	0.48	0.07	0.48	0.00	0.00	0.00	0.00
Slab Creek	2010	2	0.43	0.07	0.43	0.00	0.00	0.00	0.00
Slab Creek	2010	3	0.48	0.07	0.48	0.00	0.00	0.00	0.00
Slab Creek	2010	4	0.46	0.07	0.46	0.00	0.00	0.00	0.00
Slab Creek	2010	5	0.48	0.07	0.48	0.00	0.00	0.00	0.00
Slab Creek	2010	6	0.92	0.14	0.92	0.00	0.00	0.00	0.00
Slab Creek	2010	7	0.95	0.15	0.95	0.00	0.00	0.00	0.00
Slab Creek	2010	8	0.95	0.15	0.95	0.00	0.00	0.00	0.00
Slab Creek	2010	9	0.92	0.14	0.92	0.00	0.00	0.00	0.00
Slab Creek	2010	10	0.95	0.15	0.95	0.00	0.00	0.00	0.00
Slab Creek	2010	11	0.92	0.14	0.92	0.00	0.00	0.00	0.00
Slab Creek	2010	12	0.48	0.07	0.48	0.00	0.00	0.00	0.00
SMUD PV 1	2010		148.02	34.99	0.00	0.00	46.88	101.14	0.00
SMUD PV 1	2010	1	8.69	0.07	0.00	0.00	0.10	8.59	0.00
SMUD PV 1	2010	2	8.19	0.32	0.00	0.00	0.44	7.76	0.00
SMUD PV 1	2010	3	10.17	1.18	0.00	0.00	1.58	8.59	0.00
SMUD PV 1	2010	4	11.56	2.42	0.00	0.00	3.25	8.31	0.00
SMUD PV 1	2010	5	13.09	3.36	0.00	0.00	4.50	8.59	0.00
SMUD PV 1	2010	6	17.54	6.89	0.00	0.00	9.23	8.31	0.00
SMUD PV 1	2010	7	17.71	6.81	0.00	0.00	9.12	8.59	0.00
SMUD PV 1	2010	8	17.14	6.39	0.00	0.00	8.55	8.59	0.00
SMUD PV 1	2010	9	15.80	5.59	0.00	0.00	7.49	8.31	0.00
SMUD PV 1	2010	10	10.55	1.46	0.00	0.00	1.96	8.59	0.00
SMUD PV 1	2010	11	8.86	0.41	0.00	0.00	0.55	8.31	0.00
SMUD PV 1	2010	12	8.71	0.09	0.00	0.00	0.12	8.59	0.00
SMUD Solano Wi 2	2010		737.70	286.05	0.00	0.00	0.00	737.70	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
WAPA 1	2010	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2010	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2010	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2010	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2010	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2010	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2010	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2010		7,231.81	1,129.97	7,231.81	0.00	0.00	0.00	0.00
WAPA 2	2010	1	451.40	70.53	451.40	0.00	0.00	0.00	0.00
WAPA 2	2010	2	473.52	73.99	473.52	0.00	0.00	0.00	0.00
WAPA 2	2010	3	485.21	75.81	485.21	0.00	0.00	0.00	0.00
WAPA 2	2010	4	532.68	83.23	532.68	0.00	0.00	0.00	0.00
WAPA 2	2010	5	725.19	113.31	725.19	0.00	0.00	0.00	0.00
WAPA 2	2010	6	803.64	125.57	803.64	0.00	0.00	0.00	0.00
WAPA 2	2010	7	1,040.41	162.56	1,040.41	0.00	0.00	0.00	0.00
WAPA 2	2010	8	835.66	130.57	835.66	0.00	0.00	0.00	0.00
WAPA 2	2010	9	664.93	103.90	664.93	0.00	0.00	0.00	0.00
WAPA 2	2010	10	463.30	72.39	463.30	0.00	0.00	0.00	0.00
WAPA 2	2010	11	336.84	52.63	336.84	0.00	0.00	0.00	0.00
WAPA 2	2010	12	419.02	65.47	419.02	0.00	0.00	0.00	0.00
White Rock	2010		3,490.56	545.40	3,490.56	0.00	0.00	0.00	0.00
White Rock	2010	1	274.56	42.90	274.56	0.00	0.00	0.00	0.00
White Rock	2010	2	300.16	46.90	300.16	0.00	0.00	0.00	0.00
White Rock	2010	3	440.96	68.90	440.96	0.00	0.00	0.00	0.00
White Rock	2010	4	458.88	71.70	458.88	0.00	0.00	0.00	0.00
White Rock	2010	5	529.28	82.70	529.28	0.00	0.00	0.00	0.00
White Rock	2010	6	399.36	62.40	399.36	0.00	0.00	0.00	0.00
White Rock	2010	7	262.40	41.00	262.40	0.00	0.00	0.00	0.00
White Rock	2010	8	222.08	34.70	222.08	0.00	0.00	0.00	0.00
White Rock	2010	9	194.56	30.40	194.56	0.00	0.00	0.00	0.00
White Rock	2010	10	109.44	17.10	109.44	0.00	0.00	0.00	0.00
White Rock	2010	11	110.72	17.30	110.72	0.00	0.00	0.00	0.00
White Rock	2010	12	188.16	29.40	188.16	0.00	0.00	0.00	0.00
Camino	2011		2,394.48	362.80	2,394.48	0.00	0.00	0.00	0.00
Camino	2011	1	159.06	24.10	159.06	0.00	0.00	0.00	0.00
Camino	2011	2	196.02	29.70	196.02	0.00	0.00	0.00	0.00
Camino	2011	3	263.34	39.90	263.34	0.00	0.00	0.00	0.00
Camino	2011	4	221.76	33.60	221.76	0.00	0.00	0.00	0.00
Camino	2011	5	224.40	34.00	224.40	0.00	0.00	0.00	0.00
Camino	2011	6	218.46	33.10	218.46	0.00	0.00	0.00	0.00
Camino	2011	7	219.12	33.20	219.12	0.00	0.00	0.00	0.00
Camino	2011	8	256.74	38.90	256.74	0.00	0.00	0.00	0.00
Camino	2011	9	229.02	34.70	229.02	0.00	0.00	0.00	0.00
Camino	2011	10	118.14	17.90	118.14	0.00	0.00	0.00	0.00
Camino	2011	11	119.46	18.10	119.46	0.00	0.00	0.00	0.00
Camino	2011	12	168.96	25.60	168.96	0.00	0.00	0.00	0.00
Camp Far West	2011		139.19	21.09	139.19	0.00	0.00	0.00	0.00
Camp Far West	2011	1	11.29	1.71	11.29	0.00	0.00	0.00	0.00
Camp Far West	2011	2	18.18	2.76	18.18	0.00	0.00	0.00	0.00
Camp Far West	2011	3	19.64	2.98	19.64	0.00	0.00	0.00	0.00
Camp Far West	2011	4	16.16	2.45	16.16	0.00	0.00	0.00	0.00
Camp Far West	2011	5	18.66	2.83	18.66	0.00	0.00	0.00	0.00
Camp Far West	2011	6	18.06	2.74	18.06	0.00	0.00	0.00	0.00
Camp Far West	2011	7	14.73	2.23	14.73	0.00	0.00	0.00	0.00
Camp Far West	2011	8	12.77	1.93	12.77	0.00	0.00	0.00	0.00
Camp Far West	2011	9	1.90	0.29	1.90	0.00	0.00	0.00	0.00
Camp Far West	2011	10	0.98	0.15	0.98	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Camp Far West	2011	11	1.90	0.29	1.90	0.00	0.00	0.00	0.00
Camp Far West	2011	12	4.91	0.74	4.91	0.00	0.00	0.00	0.00
Carson Ice CGCC	2011		20,008.16	363.09	17,736.24	1.40	548.41	1,721.85	0.26
Carson Ice CGCC	2011	1	1,656.33	27.75	1,468.03	0.13	41.91	146.24	0.02
Carson Ice CGCC	2011	2	1,442.81	25.22	1,272.51	0.11	38.09	132.09	0.02
Carson Ice CGCC	2011	3	1,575.69	28.72	1,385.93	0.12	43.38	146.24	0.02
Carson Ice CGCC	2011	4	1,450.58	26.94	1,268.25	0.11	40.68	141.52	0.02
Carson Ice CGCC	2011	5	1,668.07	32.15	1,473.14	0.11	48.56	146.24	0.02
Carson Ice CGCC	2011	6	1,617.17	31.44	1,428.02	0.11	47.49	141.52	0.02
Carson Ice CGCC	2011	7	1,728.31	33.56	1,531.26	0.11	50.68	146.24	0.02
Carson Ice CGCC	2011	8	1,752.37	33.56	1,555.31	0.11	50.68	146.24	0.02
Carson Ice CGCC	2011	9	1,738.55	32.39	1,547.98	0.11	48.92	141.52	0.02
Carson Ice CGCC	2011	10	1,688.65	29.82	1,497.23	0.12	45.04	146.24	0.02
Carson Ice CGCC	2011	11	1,738.44	29.70	1,551.91	0.12	44.87	141.52	0.02
Carson Ice CGCC	2011	12	1,951.19	31.85	1,756.68	0.13	48.11	146.24	0.02
Carson Ice CGGT	2011		1,484.48	4.07	227.13	5.40	13.43	1,238.52	0.00
Carson Ice CGGT	2011	1	105.19	0.00	0.00	0.00	0.00	105.19	0.00
Carson Ice CGGT	2011	2	95.01	0.00	0.00	0.00	0.00	95.01	0.00
Carson Ice CGGT	2011	3	105.19	0.00	0.00	0.00	0.00	105.19	0.00
Carson Ice CGGT	2011	4	101.80	0.00	0.00	0.00	0.00	101.80	0.00
Carson Ice CGGT	2011	5	105.19	0.00	0.00	0.00	0.00	105.19	0.00
Carson Ice CGGT	2011	6	101.80	0.00	0.00	0.00	0.00	101.80	0.00
Carson Ice CGGT	2011	7	266.52	2.66	147.33	5.25	8.76	105.19	0.00
Carson Ice CGGT	2011	8	189.82	1.42	79.81	0.15	4.67	105.19	0.00
Carson Ice CGGT	2011	9	101.80	0.00	0.00	0.00	0.00	101.80	0.00
Carson Ice CGGT	2011	10	105.19	0.00	0.00	0.00	0.00	105.19	0.00
Carson Ice CGGT	2011	11	101.80	0.00	0.00	0.00	0.00	101.80	0.00
Carson Ice CGGT	2011	12	105.19	0.00	0.00	0.00	0.00	105.19	0.00
CDWR_Ex_6x16OnPI	2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2011	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2011		82,825.43	1,636.87	82,825.43	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	1	11,097.11	231.17	11,097.11	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	2	6,297.29	142.69	6,297.29	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	3	2,994.44	73.07	2,994.44	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	4	2,935.12	74.44	2,935.12	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	5	2,111.27	50.81	2,111.27	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	6	2,298.96	50.46	2,298.96	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	7	6,355.22	117.84	6,355.22	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	8	8,157.66	144.82	8,157.66	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	9	5,658.55	102.96	5,658.55	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	10	7,639.34	162.32	7,639.34	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	11	12,940.96	236.12	12,940.96	0.00	0.00	0.00	0.00
CNP15_Markets p	2011	12	14,339.50	250.19	14,339.50	0.00	0.00	0.00	0.00
CNP15_Markets s	2011		-11,637.03	-210.47	-11,637.03	0.00	0.00	0.00	0.00
CNP15_Markets s	2011	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets s	2011	2	-89.88	-2.06	-89.88	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 1	2011		3,752.69	43.60	2,474.57	57.27	501.70	719.15	0.00
GenGT SMUD 1	2011	1	347.39	3.90	236.66	4.81	44.84	61.08	0.00
GenGT SMUD 1	2011	2	266.33	2.96	171.52	5.58	34.06	55.17	0.00
GenGT SMUD 1	2011	3	198.68	1.95	108.31	6.86	22.42	61.08	0.00
GenGT SMUD 1	2011	4	203.60	2.14	115.84	4.00	24.66	59.11	0.00
GenGT SMUD 1	2011	5	253.31	2.92	155.16	3.45	33.63	61.08	0.00
GenGT SMUD 1	2011	6	294.79	3.60	189.60	4.66	41.42	59.11	0.00
GenGT SMUD 1	2011	7	408.46	5.31	282.10	4.13	61.15	61.08	0.00
GenGT SMUD 1	2011	8	396.19	5.05	272.21	4.81	58.09	61.08	0.00
GenGT SMUD 1	2011	9	368.55	4.54	252.51	4.66	52.27	59.11	0.00
GenGT SMUD 1	2011	10	250.07	2.66	153.60	4.81	30.57	61.08	0.00
GenGT SMUD 1	2011	11	307.19	3.39	205.13	4.00	38.96	59.11	0.00
GenGT SMUD 1	2011	12	458.13	5.18	331.93	5.50	59.62	61.08	0.00
GenGT SMUD 10	2011		3,420.21	38.83	2,195.75	58.54	446.76	719.15	0.00
GenGT SMUD 10	2011	1	300.78	3.23	196.32	6.18	37.20	61.08	0.00
GenGT SMUD 10	2011	2	222.50	2.32	134.44	6.20	26.70	55.17	0.00
GenGT SMUD 10	2011	3	182.45	1.73	96.00	5.50	19.87	61.08	0.00
GenGT SMUD 10	2011	4	178.31	1.76	94.98	4.00	20.22	59.11	0.00
GenGT SMUD 10	2011	5	230.43	2.57	136.35	3.45	29.56	61.08	0.00
GenGT SMUD 10	2011	6	313.38	3.90	205.40	4.00	44.88	59.11	0.00
GenGT SMUD 10	2011	7	414.18	5.40	286.80	4.13	62.17	61.08	0.00
GenGT SMUD 10	2011	8	369.43	4.65	250.72	4.13	53.51	61.08	0.00
GenGT SMUD 10	2011	9	334.71	4.03	223.93	5.32	46.35	59.11	0.00
GenGT SMUD 10	2011	10	178.79	1.64	94.72	4.13	18.85	61.08	0.00
GenGT SMUD 10	2011	11	289.32	3.13	189.55	4.66	36.00	59.11	0.00
GenGT SMUD 10	2011	12	405.95	4.47	286.54	6.86	51.47	61.08	0.00
GenGT SMUD 11	2011		3,111.49	34.33	1,938.21	59.16	394.97	719.15	0.00
GenGT SMUD 11	2011	1	269.47	2.79	169.43	6.86	32.10	61.08	0.00
GenGT SMUD 11	2011	2	187.00	1.80	104.30	6.82	20.71	55.17	0.00
GenGT SMUD 11	2011	3	135.83	1.06	59.08	3.45	12.23	61.08	0.00
GenGT SMUD 11	2011	4	144.59	1.24	67.18	4.00	14.30	59.11	0.00
GenGT SMUD 11	2011	5	219.67	2.39	126.95	4.13	27.52	61.08	0.00
GenGT SMUD 11	2011	6	302.38	3.73	196.37	4.00	42.90	59.11	0.00
GenGT SMUD 11	2011	7	402.74	5.23	277.40	4.13	60.13	61.08	0.00
GenGT SMUD 11	2011	8	344.04	4.25	229.23	4.81	48.92	61.08	0.00
GenGT SMUD 11	2011	9	311.05	3.69	204.87	4.66	42.41	59.11	0.00
GenGT SMUD 11	2011	10	165.82	1.46	84.48	3.45	16.82	61.08	0.00
GenGT SMUD 11	2011	11	259.08	2.70	163.59	5.32	31.07	59.11	0.00
GenGT SMUD 11	2011	12	369.82	3.99	255.33	7.55	45.86	61.08	0.00
GenGT SMUD 12	2011		2,921.26	31.66	1,782.56	55.28	364.26	719.15	0.00
GenGT SMUD 12	2011	1	233.60	2.30	139.84	6.18	26.50	61.08	0.00
GenGT SMUD 12	2011	2	185.15	1.80	104.30	4.96	20.71	55.17	0.00
GenGT SMUD 12	2011	3	158.92	1.42	78.77	2.76	16.31	61.08	0.00
GenGT SMUD 12	2011	4	119.30	0.86	46.33	4.00	9.86	59.11	0.00
GenGT SMUD 12	2011	5	201.82	2.13	112.84	3.45	24.46	61.08	0.00
GenGT SMUD 12	2011	6	296.88	3.64	191.86	4.00	41.92	59.11	0.00
GenGT SMUD 12	2011	7	385.57	4.96	263.29	4.13	57.07	61.08	0.00
GenGT SMUD 12	2011	8	326.65	3.99	214.90	4.81	45.86	61.08	0.00
GenGT SMUD 12	2011	9	304.63	3.60	200.11	4.00	41.42	59.11	0.00
GenGT SMUD 12	2011	10	154.23	1.28	74.24	4.13	14.78	61.08	0.00
GenGT SMUD 12	2011	11	228.18	2.27	137.62	5.32	26.14	59.11	0.00
GenGT SMUD 12	2011	12	326.31	3.41	218.45	7.55	39.24	61.08	0.00
GenGT SMUD 13	2011		2,682.27	28.24	1,590.21	47.93	324.98	719.15	0.00
GenGT SMUD 13	2011	1	223.32	2.17	131.78	5.50	24.97	61.08	0.00
GenGT SMUD 13	2011	2	150.58	1.32	76.49	3.73	15.19	55.17	0.00
GenGT SMUD 13	2011	3	133.78	1.06	59.08	1.39	12.23	61.08	0.00
GenGT SMUD 13	2011	4	113.02	0.77	41.70	3.33	8.88	59.11	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 13	2011	5	183.98	1.86	98.74	2.76	21.40	61.08	0.00
GenGT SMUD 13	2011	6	282.47	3.43	180.57	3.33	39.45	59.11	0.00
GenGT SMUD 13	2011	7	382.71	4.92	260.94	4.13	56.56	61.08	0.00
GenGT SMUD 13	2011	8	303.47	3.63	195.80	4.81	41.78	61.08	0.00
GenGT SMUD 13	2011	9	258.63	2.91	161.99	4.00	33.53	59.11	0.00
GenGT SMUD 13	2011	10	109.89	0.66	38.40	2.76	7.64	61.08	0.00
GenGT SMUD 13	2011	11	227.50	2.27	137.62	4.63	26.14	59.11	0.00
GenGT SMUD 13	2011	12	312.93	3.23	207.10	7.55	37.20	61.08	0.00
GenGT SMUD 14	2011		2,551.94	26.44	1,485.19	43.35	304.25	719.15	0.00
GenGT SMUD 14	2011	1	207.33	1.95	118.33	5.50	22.42	61.08	0.00
GenGT SMUD 14	2011	2	119.40	0.88	50.99	3.11	10.13	55.17	0.00
GenGT SMUD 14	2011	3	123.26	0.89	49.23	2.76	10.19	61.08	0.00
GenGT SMUD 14	2011	4	85.75	0.39	20.85	1.35	4.44	59.11	0.00
GenGT SMUD 14	2011	5	174.71	1.73	91.68	2.08	19.87	61.08	0.00
GenGT SMUD 14	2011	6	265.30	3.17	167.03	2.67	36.49	59.11	0.00
GenGT SMUD 14	2011	7	374.13	4.78	253.89	4.13	55.03	61.08	0.00
GenGT SMUD 14	2011	8	306.37	3.68	198.18	4.81	42.29	61.08	0.00
GenGT SMUD 14	2011	9	284.51	3.30	183.43	4.00	37.97	59.11	0.00
GenGT SMUD 14	2011	10	117.73	0.80	46.08	1.39	9.17	61.08	0.00
GenGT SMUD 14	2011	11	220.68	2.19	132.43	4.00	25.15	59.11	0.00
GenGT SMUD 14	2011	12	272.77	2.70	173.06	7.55	31.08	61.08	0.00
GenGT SMUD 15	2011		2,272.41	22.38	1,252.44	43.30	257.52	719.15	0.00
GenGT SMUD 15	2011	1	161.86	1.33	80.68	4.81	15.29	61.08	0.00
GenGT SMUD 15	2011	2	105.51	0.68	39.40	3.11	7.82	55.17	0.00
GenGT SMUD 15	2011	3	89.90	0.40	22.15	2.08	4.59	61.08	0.00
GenGT SMUD 15	2011	4	80.79	0.30	16.22	2.01	3.45	59.11	0.00
GenGT SMUD 15	2011	5	163.27	1.55	82.28	2.08	17.84	61.08	0.00
GenGT SMUD 15	2011	6	257.05	3.04	160.26	2.67	35.01	59.11	0.00
GenGT SMUD 15	2011	7	340.49	4.25	225.68	4.81	48.92	61.08	0.00
GenGT SMUD 15	2011	8	288.30	3.41	183.86	4.13	39.24	61.08	0.00
GenGT SMUD 15	2011	9	250.00	2.79	154.84	4.00	32.05	59.11	0.00
GenGT SMUD 15	2011	10	99.99	0.53	30.72	2.08	6.11	61.08	0.00
GenGT SMUD 15	2011	11	196.62	1.84	111.65	4.66	21.20	59.11	0.00
GenGT SMUD 15	2011	12	238.62	2.26	144.69	6.86	25.99	61.08	0.00
GenGT SMUD 16	2011		2,132.62	20.41	1,138.57	40.02	234.88	719.15	0.00
GenGT SMUD 16	2011	1	141.98	1.06	64.54	4.13	12.23	61.08	0.00
GenGT SMUD 16	2011	2	99.33	0.60	34.77	2.49	6.90	55.17	0.00
GenGT SMUD 16	2011	3	95.84	0.49	27.08	2.08	5.61	61.08	0.00
GenGT SMUD 16	2011	4	68.23	0.13	6.95	0.69	1.48	59.11	0.00
GenGT SMUD 16	2011	5	149.65	1.33	70.53	2.76	15.29	61.08	0.00
GenGT SMUD 16	2011	6	257.05	3.04	160.26	2.67	35.01	59.11	0.00
GenGT SMUD 16	2011	7	331.91	4.12	218.63	4.81	47.39	61.08	0.00
GenGT SMUD 16	2011	8	257.12	2.92	157.59	4.81	33.63	61.08	0.00
GenGT SMUD 16	2011	9	252.88	2.83	157.23	4.00	32.55	59.11	0.00
GenGT SMUD 16	2011	10	98.62	0.53	30.72	0.71	6.11	61.08	0.00
GenGT SMUD 16	2011	11	168.16	1.46	88.28	4.00	16.77	59.11	0.00
GenGT SMUD 16	2011	12	211.85	1.90	121.99	6.86	21.91	61.08	0.00
GenGT SMUD 17	2011		1,945.95	17.81	987.31	34.61	204.88	719.15	0.00
GenGT SMUD 17	2011	1	104.74	0.58	34.96	2.08	6.62	61.08	0.00
GenGT SMUD 17	2011	2	91.00	0.48	27.81	2.49	5.52	55.17	0.00
GenGT SMUD 17	2011	3	73.67	0.18	9.85	0.71	2.04	61.08	0.00
GenGT SMUD 17	2011	4	61.94	0.04	2.32	0.03	0.49	59.11	0.00
GenGT SMUD 17	2011	5	152.51	1.37	72.88	2.76	15.80	61.08	0.00
GenGT SMUD 17	2011	6	248.80	2.91	153.49	2.67	33.53	59.11	0.00
GenGT SMUD 17	2011	7	323.33	3.99	211.58	4.81	45.86	61.08	0.00
GenGT SMUD 17	2011	8	248.42	2.79	150.43	4.81	32.10	61.08	0.00
GenGT SMUD 17	2011	9	211.96	2.23	123.87	3.33	25.64	59.11	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 21	2011	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2011	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 25	2011		1,751.35	15.14	831.88	26.07	174.24	719.15	0.00
GenGT SMUD 25	2011	1	111.82	0.66	40.34	2.76	7.64	61.08	0.00
GenGT SMUD 25	2011	2	63.53	0.12	6.95	0.02	1.38	55.17	0.00
GenGT SMUD 25	2011	3	89.21	0.40	22.15	1.39	4.59	61.08	0.00
GenGT SMUD 25	2011	4	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 25	2011	5	131.81	1.06	56.42	2.08	12.23	61.08	0.00
GenGT SMUD 25	2011	6	231.64	2.66	139.94	2.01	30.57	59.11	0.00
GenGT SMUD 25	2011	7	305.48	3.72	197.47	4.13	42.80	61.08	0.00
GenGT SMUD 25	2011	8	250.64	2.83	152.82	4.13	32.61	61.08	0.00
GenGT SMUD 25	2011	9	191.17	1.93	107.20	2.67	22.19	59.11	0.00
GenGT SMUD 25	2011	10	90.10	0.40	23.04	1.39	4.59	61.08	0.00
GenGT SMUD 25	2011	11	91.35	0.43	25.97	1.35	4.93	59.11	0.00
GenGT SMUD 25	2011	12	135.49	0.93	59.58	4.13	10.70	61.08	0.00
GenGT SMUD 26	2011		1,496.21	11.45	626.83	18.53	131.70	719.15	0.00
GenGT SMUD 26	2011	1	77.10	0.22	13.45	0.03	2.55	61.08	0.00
GenGT SMUD 26	2011	2	66.92	0.16	9.27	0.64	1.84	55.17	0.00
GenGT SMUD 26	2011	3	67.05	0.09	4.92	0.03	1.02	61.08	0.00
GenGT SMUD 26	2011	4	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 26	2011	5	85.36	0.35	18.81	1.39	4.08	61.08	0.00
GenGT SMUD 26	2011	6	206.88	2.27	119.63	2.01	26.14	59.11	0.00
GenGT SMUD 26	2011	7	239.01	2.70	143.40	3.45	31.08	61.08	0.00
GenGT SMUD 26	2011	8	239.05	2.66	143.27	4.13	30.57	61.08	0.00
GenGT SMUD 26	2011	9	173.26	1.67	92.91	2.01	19.23	59.11	0.00
GenGT SMUD 26	2011	10	90.10	0.40	23.04	1.39	4.59	61.08	0.00
GenGT SMUD 26	2011	11	78.33	0.26	15.58	0.69	2.96	59.11	0.00
GenGT SMUD 26	2011	12	114.04	0.66	42.56	2.76	7.64	61.08	0.00
GenGT SMUD 27	2011		1,508.95	11.74	636.76	17.93	135.10	719.15	0.00
GenGT SMUD 27	2011	1	73.90	0.18	10.76	0.03	2.04	61.08	0.00
GenGT SMUD 27	2011	2	57.97	0.04	2.32	0.02	0.46	55.17	0.00
GenGT SMUD 27	2011	3	74.36	0.18	9.85	1.39	2.04	61.08	0.00
GenGT SMUD 27	2011	4	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 27	2011	5	120.37	0.89	47.02	2.08	10.19	61.08	0.00
GenGT SMUD 27	2011	6	206.88	2.27	119.63	2.01	26.14	59.11	0.00
GenGT SMUD 27	2011	7	291.18	3.50	185.72	4.13	40.26	61.08	0.00
GenGT SMUD 27	2011	8	233.25	2.57	138.49	4.13	29.56	61.08	0.00
GenGT SMUD 27	2011	9	147.38	1.29	71.47	2.01	14.79	59.11	0.00
GenGT SMUD 27	2011	10	80.21	0.27	15.36	0.71	3.06	61.08	0.00
GenGT SMUD 27	2011	11	68.40	0.13	7.79	0.03	1.48	59.11	0.00
GenGT SMUD 27	2011	12	95.94	0.44	28.37	1.39	5.10	61.08	0.00
GenGT SMUD 28	2011		1,465.11	11.07	599.94	18.59	127.43	719.15	0.00
GenGT SMUD 28	2011	1	70.70	0.13	8.07	0.03	1.53	61.08	0.00
GenGT SMUD 28	2011	2	60.75	0.08	4.64	0.02	0.92	55.17	0.00
GenGT SMUD 28	2011	3	64.08	0.04	2.46	0.03	0.51	61.08	0.00
GenGT SMUD 28	2011	4	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 28	2011	5	117.50	0.84	44.67	2.08	9.68	61.08	0.00
GenGT SMUD 28	2011	6	190.38	2.01	106.09	2.01	23.18	59.11	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 46	2011	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2011	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2011		1,222.38	7.58	406.34	9.66	87.22	719.15	0.00
GenGT SMUD 5	2011	1	73.90	0.18	10.76	0.03	2.04	61.08	0.00
GenGT SMUD 5	2011	2	55.17	0.00	0.00	0.00	0.00	55.17	0.00
GenGT SMUD 5	2011	3	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 5	2011	4	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 5	2011	5	81.13	0.31	16.46	0.03	3.57	61.08	0.00
GenGT SMUD 5	2011	6	164.97	1.63	85.77	1.35	18.74	59.11	0.00
GenGT SMUD 5	2011	7	268.30	3.14	166.91	4.13	36.18	61.08	0.00
GenGT SMUD 5	2011	8	163.03	1.51	81.18	3.45	17.33	61.08	0.00
GenGT SMUD 5	2011	9	114.43	0.81	45.26	0.69	9.37	59.11	0.00
GenGT SMUD 5	2011	10	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 5	2011	11	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 5	2011	12	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 6	2011		1,169.41	6.75	361.53	11.01	77.72	719.15	0.00
GenGT SMUD 6	2011	1	70.70	0.13	8.07	0.03	1.53	61.08	0.00
GenGT SMUD 6	2011	2	55.17	0.00	0.00	0.00	0.00	55.17	0.00
GenGT SMUD 6	2011	3	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 6	2011	4	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 6	2011	5	87.53	0.40	21.16	0.71	4.59	61.08	0.00
GenGT SMUD 6	2011	6	153.97	1.46	76.74	1.35	16.77	59.11	0.00
GenGT SMUD 6	2011	7	239.69	2.70	143.40	4.13	31.08	61.08	0.00
GenGT SMUD 6	2011	8	165.93	1.55	83.57	3.45	17.84	61.08	0.00
GenGT SMUD 6	2011	9	94.96	0.51	28.59	1.35	5.92	59.11	0.00
GenGT SMUD 6	2011	10	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 6	2011	11	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 6	2011	12	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 7	2011		1,154.48	6.55	349.63	10.33	75.37	719.15	0.00
GenGT SMUD 7	2011	1	64.30	0.04	2.69	0.03	0.51	61.08	0.00
GenGT SMUD 7	2011	2	55.17	0.00	0.00	0.00	0.00	55.17	0.00
GenGT SMUD 7	2011	3	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 7	2011	4	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 7	2011	5	87.53	0.40	21.16	0.71	4.59	61.08	0.00
GenGT SMUD 7	2011	6	134.72	1.16	60.94	1.35	13.31	59.11	0.00
GenGT SMUD 7	2011	7	262.58	3.06	162.21	4.13	35.16	61.08	0.00
GenGT SMUD 7	2011	8	168.14	1.59	85.96	2.76	18.34	61.08	0.00
GenGT SMUD 7	2011	9	80.59	0.30	16.68	1.35	3.45	59.11	0.00
GenGT SMUD 7	2011	10	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 7	2011	11	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 7	2011	12	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 8	2011		1,080.46	5.46	290.90	7.61	62.79	719.15	0.00
GenGT SMUD 8	2011	1	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 8	2011	2	55.17	0.00	0.00	0.00	0.00	55.17	0.00
GenGT SMUD 8	2011	3	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 8	2011	4	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 8	2011	5	87.53	0.40	21.16	0.71	4.59	61.08	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 8	2011	6	114.80	0.86	45.14	0.69	9.86	59.11	0.00
GenGT SMUD 8	2011	7	236.15	2.66	141.05	3.45	30.57	61.08	0.00
GenGT SMUD 8	2011	8	152.97	1.37	74.02	2.08	15.80	61.08	0.00
GenGT SMUD 8	2011	9	71.30	0.17	9.53	0.69	1.97	59.11	0.00
GenGT SMUD 8	2011	10	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 8	2011	11	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 8	2011	12	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 9	2011		1,072.49	5.32	283.17	8.95	61.21	719.15	0.00
GenGT SMUD 9	2011	1	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 9	2011	2	55.17	0.00	0.00	0.00	0.00	55.17	0.00
GenGT SMUD 9	2011	3	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 9	2011	4	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 9	2011	5	84.67	0.35	18.81	0.71	4.08	61.08	0.00
GenGT SMUD 9	2011	6	129.21	1.07	56.43	1.35	12.33	59.11	0.00
GenGT SMUD 9	2011	7	233.29	2.61	138.70	3.45	30.06	61.08	0.00
GenGT SMUD 9	2011	8	142.07	1.20	64.47	2.76	13.76	61.08	0.00
GenGT SMUD 9	2011	9	65.55	0.09	4.76	0.69	0.99	59.11	0.00
GenGT SMUD 9	2011	10	61.08	0.00	0.00	0.00	0.00	61.08	0.00
GenGT SMUD 9	2011	11	59.11	0.00	0.00	0.00	0.00	59.11	0.00
GenGT SMUD 9	2011	12	61.08	0.00	0.00	0.00	0.00	61.08	0.00
Jaybird	2011		3,511.86	532.10	3,511.86	0.00	0.00	0.00	0.00
Jaybird	2011	1	231.66	35.10	231.66	0.00	0.00	0.00	0.00
Jaybird	2011	2	259.38	39.30	259.38	0.00	0.00	0.00	0.00
Jaybird	2011	3	345.84	52.40	345.84	0.00	0.00	0.00	0.00
Jaybird	2011	4	300.30	45.50	300.30	0.00	0.00	0.00	0.00
Jaybird	2011	5	330.00	50.00	330.00	0.00	0.00	0.00	0.00
Jaybird	2011	6	326.04	49.40	326.04	0.00	0.00	0.00	0.00
Jaybird	2011	7	339.24	51.40	339.24	0.00	0.00	0.00	0.00
Jaybird	2011	8	393.36	59.60	393.36	0.00	0.00	0.00	0.00
Jaybird	2011	9	354.42	53.70	354.42	0.00	0.00	0.00	0.00
Jaybird	2011	10	193.38	29.30	193.38	0.00	0.00	0.00	0.00
Jaybird	2011	11	186.78	28.30	186.78	0.00	0.00	0.00	0.00
Jaybird	2011	12	251.46	38.10	251.46	0.00	0.00	0.00	0.00
Jones Fork	2011		143.22	21.70	143.22	0.00	0.00	0.00	0.00
Jones Fork	2011	1	9.90	1.50	9.90	0.00	0.00	0.00	0.00
Jones Fork	2011	2	11.22	1.70	11.22	0.00	0.00	0.00	0.00
Jones Fork	2011	3	14.52	2.20	14.52	0.00	0.00	0.00	0.00
Jones Fork	2011	4	13.86	2.10	13.86	0.00	0.00	0.00	0.00
Jones Fork	2011	5	14.52	2.20	14.52	0.00	0.00	0.00	0.00
Jones Fork	2011	6	17.16	2.60	17.16	0.00	0.00	0.00	0.00
Jones Fork	2011	7	11.22	1.70	11.22	0.00	0.00	0.00	0.00
Jones Fork	2011	8	12.54	1.90	12.54	0.00	0.00	0.00	0.00
Jones Fork	2011	9	13.86	2.10	13.86	0.00	0.00	0.00	0.00
Jones Fork	2011	10	11.22	1.70	11.22	0.00	0.00	0.00	0.00
Jones Fork	2011	11	4.62	0.70	4.62	0.00	0.00	0.00	0.00
Jones Fork	2011	12	8.58	1.30	8.58	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2011		4,834.23	70.12	2,406.96	0.00	2,417.55	9.53	0.19
Kiefer Landfil 1	2011	1	405.48	5.88	201.88	0.00	202.77	0.81	0.02
Kiefer Landfil 1	2011	2	366.24	5.31	182.35	0.00	183.15	0.73	0.01
Kiefer Landfil 1	2011	3	405.48	5.88	201.88	0.00	202.77	0.81	0.02
Kiefer Landfil 1	2011	4	392.40	5.69	195.37	0.00	196.23	0.78	0.02
Kiefer Landfil 1	2011	5	415.60	6.03	206.93	0.00	207.84	0.81	0.02
Kiefer Landfil 1	2011	6	402.19	5.83	200.25	0.00	201.14	0.78	0.02
Kiefer Landfil 1	2011	7	415.60	6.03	206.93	0.00	207.84	0.81	0.02
Kiefer Landfil 1	2011	8	415.60	6.03	206.93	0.00	207.84	0.81	0.02
Kiefer Landfil 1	2011	9	402.19	5.83	200.25	0.00	201.14	0.78	0.02
Kiefer Landfil 1	2011	10	413.07	5.99	205.67	0.00	206.57	0.81	0.02

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Kiefer Landfil 1	2011	11	392.40	5.69	195.37	0.00	196.23	0.78	0.02
Kiefer Landfil 1	2011	12	408.01	5.92	203.14	0.00	204.04	0.81	0.02
Klamath Falls 1	2011		7,282.08	165.46	6,714.53	0.00	330.92	236.54	0.10
Klamath Falls 1	2011	1	1,376.06	28.94	1,277.64	0.00	57.89	40.51	0.02
Klamath Falls 1	2011	2	1,129.11	24.71	1,043.08	0.00	49.42	36.59	0.01
Klamath Falls 1	2011	3	1,164.77	26.51	1,071.22	0.00	53.03	40.51	0.02
Klamath Falls 1	2011	4	1,180.81	27.58	1,086.43	0.00	55.16	39.21	0.02
Klamath Falls 1	2011	5	1,218.24	28.79	1,120.14	0.00	57.57	40.51	0.02
Klamath Falls 1	2011	6	1,213.08	28.92	1,116.02	0.00	57.84	39.21	0.02
Klamath Falls 1	2011	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2011	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2011	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2011	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2011	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2011	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011		0.00	60.01	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	6	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	7	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	8	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	9	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	10	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2011	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2011		641.52	97.20	641.52	0.00	0.00	0.00	0.00
Loon Lake	2011	1	34.32	5.20	34.32	0.00	0.00	0.00	0.00
Loon Lake	2011	2	67.98	10.30	67.98	0.00	0.00	0.00	0.00
Loon Lake	2011	3	54.78	8.30	54.78	0.00	0.00	0.00	0.00
Loon Lake	2011	4	48.18	7.30	48.18	0.00	0.00	0.00	0.00
Loon Lake	2011	5	62.70	9.50	62.70	0.00	0.00	0.00	0.00
Loon Lake	2011	6	90.42	13.70	90.42	0.00	0.00	0.00	0.00
Loon Lake	2011	7	84.48	12.80	84.48	0.00	0.00	0.00	0.00
Loon Lake	2011	8	73.92	11.20	73.92	0.00	0.00	0.00	0.00
Loon Lake	2011	9	35.64	5.40	35.64	0.00	0.00	0.00	0.00
Loon Lake	2011	10	33.00	5.00	33.00	0.00	0.00	0.00	0.00
Loon Lake	2011	11	21.78	3.30	21.78	0.00	0.00	0.00	0.00
Loon Lake	2011	12	34.32	5.20	34.32	0.00	0.00	0.00	0.00
McClellan CT 1	2011		380.66	0.18	13.03	3.27	0.37	363.99	0.00
McClellan CT 1	2011	1	30.91	0.00	0.00	0.00	0.00	30.91	0.00
McClellan CT 1	2011	2	27.92	0.00	0.00	0.00	0.00	27.92	0.00
McClellan CT 1	2011	3	30.91	0.00	0.00	0.00	0.00	30.91	0.00
McClellan CT 1	2011	4	29.92	0.00	0.00	0.00	0.00	29.92	0.00
McClellan CT 1	2011	5	30.91	0.00	0.00	0.00	0.00	30.91	0.00
McClellan CT 1	2011	6	29.92	0.00	0.00	0.00	0.00	29.92	0.00
McClellan CT 1	2011	7	40.57	0.09	6.47	3.00	0.18	30.91	0.00
McClellan CT 1	2011	8	37.93	0.09	6.57	0.27	0.18	30.91	0.00
McClellan CT 1	2011	9	29.92	0.00	0.00	0.00	0.00	29.92	0.00
McClellan CT 1	2011	10	30.91	0.00	0.00	0.00	0.00	30.91	0.00
McClellan CT 1	2011	11	29.92	0.00	0.00	0.00	0.00	29.92	0.00
McClellan CT 1	2011	12	30.91	0.00	0.00	0.00	0.00	30.91	0.00
McClellan CT 2	2011		2,818.88	41.03	2,248.53	120.69	85.64	363.99	0.03
McClellan CT 2	2011	1	172.17	2.10	124.47	12.39	4.39	30.91	0.00
McClellan CT 2	2011	2	104.53	1.13	63.57	10.68	2.35	27.92	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy1_7x24	2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2011	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011		0.00	200.39	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	6	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	7	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	8	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	9	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	10	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2011	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011		0.00	657.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	1	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	2	0.00	50.40	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	3	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	4	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	5	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	6	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	7	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	8	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	9	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	10	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	11	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2011	12	0.00	55.80	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2011		480.38	3.70	192.05	7.48	19.96	260.89	0.00
Procter & G GT 1	2011	1	22.16	0.00	0.00	0.00	0.00	22.16	0.00
Procter & G GT 1	2011	2	20.01	0.00	0.00	0.00	0.00	20.01	0.00
Procter & G GT 1	2011	3	22.16	0.00	0.00	0.00	0.00	22.16	0.00
Procter & G GT 1	2011	4	21.44	0.00	0.00	0.00	0.00	21.44	0.00
Procter & G GT 1	2011	5	22.16	0.00	0.00	0.00	0.00	22.16	0.00
Procter & G GT 1	2011	6	21.44	0.00	0.00	0.00	0.00	21.44	0.00
Procter & G GT 1	2011	7	196.38	2.92	151.12	7.34	15.75	22.16	0.00
Procter & G GT 1	2011	8	67.43	0.78	40.93	0.14	4.20	22.16	0.00
Procter & G GT 1	2011	9	21.44	0.00	0.00	0.00	0.00	21.44	0.00
Procter & G GT 1	2011	10	22.16	0.00	0.00	0.00	0.00	22.16	0.00
Procter & G GT 1	2011	11	21.44	0.00	0.00	0.00	0.00	21.44	0.00
Procter & G GT 1	2011	12	22.16	0.00	0.00	0.00	0.00	22.16	0.00
Robbs Peak	2011		324.06	49.10	324.06	0.00	0.00	0.00	0.00
Robbs Peak	2011	1	23.76	3.60	23.76	0.00	0.00	0.00	0.00
Robbs Peak	2011	2	35.64	5.40	35.64	0.00	0.00	0.00	0.00
Robbs Peak	2011	3	44.22	6.70	44.22	0.00	0.00	0.00	0.00
Robbs Peak	2011	4	47.52	7.20	47.52	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Robbs Peak	2011	5	47.52	7.20	47.52	0.00	0.00	0.00	0.00
Robbs Peak	2011	6	36.96	5.60	36.96	0.00	0.00	0.00	0.00
Robbs Peak	2011	7	25.08	3.80	25.08	0.00	0.00	0.00	0.00
Robbs Peak	2011	8	21.12	3.20	21.12	0.00	0.00	0.00	0.00
Robbs Peak	2011	9	9.90	1.50	9.90	0.00	0.00	0.00	0.00
Robbs Peak	2011	10	8.58	1.30	8.58	0.00	0.00	0.00	0.00
Robbs Peak	2011	11	7.26	1.10	7.26	0.00	0.00	0.00	0.00
Robbs Peak	2011	12	16.50	2.50	16.50	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2011		34,026.22	613.13	30,433.31	5.91	-1,288.92	4,875.48	0.44
SCA P&G Cogen 1	2011	1	2,527.51	41.17	2,199.40	0.54	-86.54	414.08	0.03
SCA P&G Cogen 1	2011	2	2,030.28	33.87	1,726.99	0.46	-71.21	374.01	0.02
SCA P&G Cogen 1	2011	3	2,615.51	47.03	2,299.76	0.49	-98.86	414.08	0.03
SCA P&G Cogen 1	2011	4	2,106.22	37.51	1,783.86	0.46	-78.85	400.72	0.03
SCA P&G Cogen 1	2011	5	2,859.40	54.82	2,560.04	0.47	-115.23	414.08	0.04
SCA P&G Cogen 1	2011	6	2,902.36	56.54	2,620.01	0.45	-118.87	400.72	0.04
SCA P&G Cogen 1	2011	7	3,232.90	63.19	2,951.14	0.47	-132.84	414.08	0.05
SCA P&G Cogen 1	2011	8	3,246.06	62.46	2,962.75	0.48	-131.30	414.08	0.05
SCA P&G Cogen 1	2011	9	3,189.79	59.58	2,913.80	0.48	-125.25	400.72	0.04
SCA P&G Cogen 1	2011	10	2,867.35	50.30	2,558.47	0.51	-105.75	414.08	0.04
SCA P&G Cogen 1	2011	11	2,993.28	50.62	2,698.41	0.52	-106.42	400.72	0.04
SCA P&G Cogen 1	2011	12	3,455.56	56.04	3,158.68	0.57	-117.81	414.08	0.04
Slab Creek	2011		8.68	1.32	8.68	0.00	0.00	0.00	0.00
Slab Creek	2011	1	0.49	0.07	0.49	0.00	0.00	0.00	0.00
Slab Creek	2011	2	0.44	0.07	0.44	0.00	0.00	0.00	0.00
Slab Creek	2011	3	0.49	0.07	0.49	0.00	0.00	0.00	0.00
Slab Creek	2011	4	0.48	0.07	0.48	0.00	0.00	0.00	0.00
Slab Creek	2011	5	0.49	0.07	0.49	0.00	0.00	0.00	0.00
Slab Creek	2011	6	0.95	0.14	0.95	0.00	0.00	0.00	0.00
Slab Creek	2011	7	0.98	0.15	0.98	0.00	0.00	0.00	0.00
Slab Creek	2011	8	0.98	0.15	0.98	0.00	0.00	0.00	0.00
Slab Creek	2011	9	0.95	0.14	0.95	0.00	0.00	0.00	0.00
Slab Creek	2011	10	0.98	0.15	0.98	0.00	0.00	0.00	0.00
Slab Creek	2011	11	0.95	0.14	0.95	0.00	0.00	0.00	0.00
Slab Creek	2011	12	0.49	0.07	0.49	0.00	0.00	0.00	0.00
SMUD PV 1	2011		154.52	37.03	0.00	0.00	50.85	103.67	0.00
SMUD PV 1	2011	1	8.92	0.09	0.00	0.00	0.12	8.80	0.00
SMUD PV 1	2011	2	8.41	0.34	0.00	0.00	0.46	7.95	0.00
SMUD PV 1	2011	3	10.52	1.25	0.00	0.00	1.72	8.80	0.00
SMUD PV 1	2011	4	12.05	2.57	0.00	0.00	3.53	8.52	0.00
SMUD PV 1	2011	5	13.67	3.55	0.00	0.00	4.87	8.80	0.00
SMUD PV 1	2011	6	18.54	7.30	0.00	0.00	10.02	8.52	0.00
SMUD PV 1	2011	7	18.68	7.19	0.00	0.00	9.88	8.80	0.00
SMUD PV 1	2011	8	18.08	6.76	0.00	0.00	9.28	8.80	0.00
SMUD PV 1	2011	9	16.66	5.93	0.00	0.00	8.14	8.52	0.00
SMUD PV 1	2011	10	10.93	1.55	0.00	0.00	2.13	8.80	0.00
SMUD PV 1	2011	11	9.11	0.43	0.00	0.00	0.59	8.52	0.00
SMUD PV 1	2011	12	8.92	0.09	0.00	0.00	0.12	8.80	0.00
SMUD Solano Wi 2	2011		756.14	286.05	0.00	0.00	0.00	756.14	0.00
SMUD Solano Wi 2	2011	1	64.22	2.49	0.00	0.00	0.00	64.22	0.00
SMUD Solano Wi 2	2011	2	58.01	3.69	0.00	0.00	0.00	58.01	0.00
SMUD Solano Wi 2	2011	3	64.22	15.02	0.00	0.00	0.00	64.22	0.00
SMUD Solano Wi 2	2011	4	62.15	21.35	0.00	0.00	0.00	62.15	0.00
SMUD Solano Wi 2	2011	5	64.22	32.80	0.00	0.00	0.00	64.22	0.00
SMUD Solano Wi 2	2011	6	62.15	47.65	0.00	0.00	0.00	62.15	0.00
SMUD Solano Wi 2	2011	7	64.22	47.95	0.00	0.00	0.00	64.22	0.00
SMUD Solano Wi 2	2011	8	64.22	46.41	0.00	0.00	0.00	64.22	0.00
SMUD Solano Wi 2	2011	9	62.15	35.23	0.00	0.00	0.00	62.15	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
SMUD Solano Wi 2	2011	10	64.22	21.06	0.00	0.00	0.00	64.22	0.00
SMUD Solano Wi 2	2011	11	62.15	6.39	0.00	0.00	0.00	62.15	0.00
SMUD Solano Wi 2	2011	12	64.22	6.00	0.00	0.00	0.00	64.22	0.00
Snohomish	2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2011	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2011		50,002.78	1,010.91	46,841.55	4.80	-1,021.69	4,177.44	0.68
SPA Campbell C 1	2011	1	4,074.28	76.10	3,795.91	0.44	-76.91	354.80	0.05
SPA Campbell C 1	2011	2	3,280.25	63.53	3,023.57	0.38	-64.20	320.46	0.04
SPA Campbell C 1	2011	3	3,738.81	75.79	3,460.16	0.40	-76.60	354.80	0.05
SPA Campbell C 1	2011	4	3,297.01	68.06	3,022.03	0.38	-68.79	343.35	0.05
SPA Campbell C 1	2011	5	4,200.25	90.28	3,936.25	0.38	-91.24	354.80	0.06
SPA Campbell C 1	2011	6	4,285.98	93.31	4,036.51	0.37	-94.31	343.35	0.06
SPA Campbell C 1	2011	7	4,697.45	101.95	4,445.25	0.38	-103.04	354.80	0.07
SPA Campbell C 1	2011	8	4,629.10	98.76	4,373.66	0.39	-99.81	354.80	0.07
SPA Campbell C 1	2011	9	4,563.42	94.52	4,315.14	0.39	-95.52	343.35	0.06
SPA Campbell C 1	2011	10	4,133.87	81.31	3,860.78	0.42	-82.18	354.80	0.05
SPA Campbell C 1	2011	11	4,282.96	80.80	4,020.79	0.42	-81.66	343.35	0.05
SPA Campbell C 1	2011	12	4,819.39	86.50	4,551.50	0.46	-87.42	354.80	0.06
Union Valley	2011		780.78	118.30	780.78	0.00	0.00	0.00	0.00
Union Valley	2011	1	40.92	6.20	40.92	0.00	0.00	0.00	0.00
Union Valley	2011	2	49.50	7.50	49.50	0.00	0.00	0.00	0.00
Union Valley	2011	3	68.64	10.40	68.64	0.00	0.00	0.00	0.00
Union Valley	2011	4	64.68	9.80	64.68	0.00	0.00	0.00	0.00
Union Valley	2011	5	83.16	12.60	83.16	0.00	0.00	0.00	0.00
Union Valley	2011	6	85.80	13.00	85.80	0.00	0.00	0.00	0.00
Union Valley	2011	7	85.80	13.00	85.80	0.00	0.00	0.00	0.00
Union Valley	2011	8	99.00	15.00	99.00	0.00	0.00	0.00	0.00
Union Valley	2011	9	84.48	12.80	84.48	0.00	0.00	0.00	0.00
Union Valley	2011	10	32.34	4.90	32.34	0.00	0.00	0.00	0.00
Union Valley	2011	11	36.30	5.50	36.30	0.00	0.00	0.00	0.00
Union Valley	2011	12	50.16	7.60	50.16	0.00	0.00	0.00	0.00
WAPA 1	2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2011	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2011		7,457.80	1,129.97	7,457.80	0.00	0.00	0.00	0.00
WAPA 2	2011	1	465.51	70.53	465.51	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

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WAPA 2	2011	2	488.32	73.99	488.32	0.00	0.00	0.00	0.00
WAPA 2	2011	3	500.37	75.81	500.37	0.00	0.00	0.00	0.00
WAPA 2	2011	4	549.33	83.23	549.33	0.00	0.00	0.00	0.00
WAPA 2	2011	5	747.85	113.31	747.85	0.00	0.00	0.00	0.00
WAPA 2	2011	6	828.75	125.57	828.75	0.00	0.00	0.00	0.00
WAPA 2	2011	7	1,072.92	162.56	1,072.92	0.00	0.00	0.00	0.00
WAPA 2	2011	8	861.78	130.57	861.78	0.00	0.00	0.00	0.00
WAPA 2	2011	9	685.71	103.90	685.71	0.00	0.00	0.00	0.00
WAPA 2	2011	10	477.78	72.39	477.78	0.00	0.00	0.00	0.00
WAPA 2	2011	11	347.37	52.63	347.37	0.00	0.00	0.00	0.00
WAPA 2	2011	12	432.12	65.47	432.12	0.00	0.00	0.00	0.00
White Rock	2011		3,599.64	545.40	3,599.64	0.00	0.00	0.00	0.00
White Rock	2011	1	283.14	42.90	283.14	0.00	0.00	0.00	0.00
White Rock	2011	2	309.54	46.90	309.54	0.00	0.00	0.00	0.00
White Rock	2011	3	454.74	68.90	454.74	0.00	0.00	0.00	0.00
White Rock	2011	4	473.22	71.70	473.22	0.00	0.00	0.00	0.00
White Rock	2011	5	545.82	82.70	545.82	0.00	0.00	0.00	0.00
White Rock	2011	6	411.84	62.40	411.84	0.00	0.00	0.00	0.00
White Rock	2011	7	270.60	41.00	270.60	0.00	0.00	0.00	0.00
White Rock	2011	8	229.02	34.70	229.02	0.00	0.00	0.00	0.00
White Rock	2011	9	200.64	30.40	200.64	0.00	0.00	0.00	0.00
White Rock	2011	10	112.86	17.10	112.86	0.00	0.00	0.00	0.00
White Rock	2011	11	114.18	17.30	114.18	0.00	0.00	0.00	0.00
White Rock	2011	12	194.04	29.40	194.04	0.00	0.00	0.00	0.00
Camino	2012		2,430.76	362.80	2,430.76	0.00	0.00	0.00	0.00
Camino	2012	1	161.47	24.10	161.47	0.00	0.00	0.00	0.00
Camino	2012	2	198.99	29.70	198.99	0.00	0.00	0.00	0.00
Camino	2012	3	267.33	39.90	267.33	0.00	0.00	0.00	0.00
Camino	2012	4	225.12	33.60	225.12	0.00	0.00	0.00	0.00
Camino	2012	5	227.80	34.00	227.80	0.00	0.00	0.00	0.00
Camino	2012	6	221.77	33.10	221.77	0.00	0.00	0.00	0.00
Camino	2012	7	222.44	33.20	222.44	0.00	0.00	0.00	0.00
Camino	2012	8	260.63	38.90	260.63	0.00	0.00	0.00	0.00
Camino	2012	9	232.49	34.70	232.49	0.00	0.00	0.00	0.00
Camino	2012	10	119.93	17.90	119.93	0.00	0.00	0.00	0.00
Camino	2012	11	121.27	18.10	121.27	0.00	0.00	0.00	0.00
Camino	2012	12	171.52	25.60	171.52	0.00	0.00	0.00	0.00
Camp Far West	2012		141.02	21.05	141.02	0.00	0.00	0.00	0.00
Camp Far West	2012	1	11.47	1.71	11.47	0.00	0.00	0.00	0.00
Camp Far West	2012	2	18.19	2.71	18.19	0.00	0.00	0.00	0.00
Camp Far West	2012	3	19.94	2.98	19.94	0.00	0.00	0.00	0.00
Camp Far West	2012	4	16.40	2.45	16.40	0.00	0.00	0.00	0.00
Camp Far West	2012	5	18.94	2.83	18.94	0.00	0.00	0.00	0.00
Camp Far West	2012	6	18.33	2.74	18.33	0.00	0.00	0.00	0.00
Camp Far West	2012	7	14.95	2.23	14.95	0.00	0.00	0.00	0.00
Camp Far West	2012	8	12.96	1.93	12.96	0.00	0.00	0.00	0.00
Camp Far West	2012	9	1.93	0.29	1.93	0.00	0.00	0.00	0.00
Camp Far West	2012	10	1.00	0.15	1.00	0.00	0.00	0.00	0.00
Camp Far West	2012	11	1.93	0.29	1.93	0.00	0.00	0.00	0.00
Camp Far West	2012	12	4.98	0.74	4.98	0.00	0.00	0.00	0.00
Carson Ice CGCC	2012		20,559.90	374.30	18,209.06	1.40	579.47	1,769.73	0.24
Carson Ice CGCC	2012	1	1,750.10	29.59	1,554.24	0.13	45.82	149.90	0.02
Carson Ice CGCC	2012	2	1,509.09	26.46	1,327.78	0.11	40.96	140.22	0.02
Carson Ice CGCC	2012	3	1,655.41	30.39	1,458.33	0.12	47.05	149.90	0.02
Carson Ice CGCC	2012	4	1,484.27	27.70	1,296.21	0.11	42.88	145.06	0.02
Carson Ice CGCC	2012	5	1,635.00	31.54	1,436.15	0.11	48.83	149.90	0.02
Carson Ice CGCC	2012	6	1,642.64	31.96	1,447.98	0.11	49.48	145.06	0.02

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Carson Ice CGCC	2012	7	1,731.96	33.64	1,529.84	0.11	52.09	149.90	0.02
Carson Ice CGCC	2012	8	1,776.02	34.00	1,573.36	0.11	52.63	149.90	0.02
Carson Ice CGCC	2012	9	1,770.37	33.07	1,573.97	0.11	51.20	145.06	0.02
Carson Ice CGCC	2012	10	1,797.09	32.14	1,597.30	0.12	49.75	149.90	0.02
Carson Ice CGCC	2012	11	1,792.06	30.77	1,599.23	0.12	47.63	145.06	0.02
Carson Ice CGCC	2012	12	2,015.89	33.04	1,814.69	0.13	51.15	149.90	0.02
Carson Ice CGGT	2012		1,852.91	9.66	536.50	10.80	32.64	1,272.96	0.01
Carson Ice CGGT	2012	1	107.82	0.00	0.00	0.00	0.00	107.82	0.00
Carson Ice CGGT	2012	2	100.86	0.00	0.00	0.00	0.00	100.86	0.00
Carson Ice CGGT	2012	3	107.82	0.00	0.00	0.00	0.00	107.82	0.00
Carson Ice CGGT	2012	4	104.34	0.00	0.00	0.00	0.00	104.34	0.00
Carson Ice CGGT	2012	5	180.68	1.24	68.52	0.15	4.19	107.82	0.00
Carson Ice CGGT	2012	6	186.94	1.37	75.38	2.59	4.63	104.34	0.00
Carson Ice CGGT	2012	7	458.38	5.85	323.04	7.77	19.75	107.82	0.00
Carson Ice CGGT	2012	8	118.54	0.18	9.97	0.15	0.60	107.82	0.00
Carson Ice CGGT	2012	9	167.54	1.03	59.58	0.15	3.47	104.34	0.00
Carson Ice CGGT	2012	10	107.82	0.00	0.00	0.00	0.00	107.82	0.00
Carson Ice CGGT	2012	11	104.34	0.00	0.00	0.00	0.00	104.34	0.00
Carson Ice CGGT	2012	12	107.82	0.00	0.00	0.00	0.00	107.82	0.00
CDWR_Ex_6x16OnPl	2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2012		105,466.70	2,002.28	105,466.70	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	1	14,111.57	281.49	14,111.57	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	2	7,901.41	173.21	7,901.41	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	3	4,806.56	103.20	4,806.56	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	4	3,826.78	93.40	3,826.78	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	5	3,261.69	79.45	3,261.69	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	6	3,556.49	72.02	3,556.49	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	7	6,834.63	123.74	6,834.63	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	8	11,500.95	195.36	11,500.95	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	9	7,773.20	136.94	7,773.20	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	10	10,441.63	203.52	10,441.63	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	11	14,207.04	250.15	14,207.04	0.00	0.00	0.00	0.00
CNP15_Markets p	2012	12	17,244.74	289.80	17,244.74	0.00	0.00	0.00	0.00
CNP15_Markets s	2012		-18,052.24	-275.95	-18,052.24	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	2	-11.28	-0.29	-11.28	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	3	-212.07	-5.46	-212.07	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	4	-241.20	-5.63	-241.20	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	5	-2,418.35	-37.21	-2,418.35	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	6	-4,353.69	-67.94	-4,353.69	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	7	-7,751.75	-108.64	-7,751.75	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	8	-1,549.20	-27.72	-1,549.20	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	9	-1,376.20	-20.91	-1,376.20	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	10	-31.84	-0.79	-31.84	0.00	0.00	0.00	0.00
CNP15_Markets s	2012	11	-8.65	-0.12	-8.65	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3a	2012	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2012	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2012	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2012	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2012	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 1	2012		4,758.61	58.21	3,276.13	56.78	686.55	739.15	0.00
GenGT SMUD 1	2012	1	400.57	4.59	278.84	4.93	54.19	62.61	0.00
GenGT SMUD 1	2012	2	294.88	3.31	191.29	5.93	39.09	58.57	0.00
GenGT SMUD 1	2012	3	295.06	3.37	187.12	5.63	39.70	62.61	0.00
GenGT SMUD 1	2012	4	284.28	3.34	180.17	4.10	39.43	60.59	0.00
GenGT SMUD 1	2012	5	309.69	3.76	199.16	3.53	44.40	62.61	0.00
GenGT SMUD 1	2012	6	413.22	5.40	284.17	4.77	63.69	60.59	0.00
GenGT SMUD 1	2012	7	655.49	9.09	480.77	4.93	107.17	62.61	0.00
GenGT SMUD 1	2012	8	453.77	5.89	317.46	4.23	69.47	62.61	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 1	2012	9	448.68	5.70	316.09	4.77	67.23	60.59	0.00
GenGT SMUD 1	2012	10	313.31	3.54	203.99	4.93	41.79	62.61	0.00
GenGT SMUD 1	2012	11	387.38	4.46	269.42	4.77	52.60	60.59	0.00
GenGT SMUD 1	2012	12	502.28	5.75	367.63	4.23	67.81	62.61	0.00
GenGT SMUD 10	2012		4,603.19	56.01	3,150.11	53.36	660.56	739.15	0.00
GenGT SMUD 10	2012	1	381.42	4.34	263.39	4.23	51.19	62.61	0.00
GenGT SMUD 10	2012	2	274.72	3.02	174.56	5.93	35.67	58.57	0.00
GenGT SMUD 10	2012	3	273.46	3.06	169.89	4.93	36.04	62.61	0.00
GenGT SMUD 10	2012	4	210.40	2.23	120.12	3.42	26.28	60.59	0.00
GenGT SMUD 10	2012	5	346.94	4.34	229.62	3.53	51.19	62.61	0.00
GenGT SMUD 10	2012	6	429.11	5.66	297.71	4.10	66.72	60.59	0.00
GenGT SMUD 10	2012	7	652.08	9.03	477.99	4.93	106.55	62.61	0.00
GenGT SMUD 10	2012	8	428.28	5.49	295.98	4.93	64.77	62.61	0.00
GenGT SMUD 10	2012	9	433.59	5.49	304.21	4.10	64.70	60.59	0.00
GenGT SMUD 10	2012	10	288.03	3.19	183.59	4.23	37.61	62.61	0.00
GenGT SMUD 10	2012	11	405.06	4.71	284.77	4.10	55.60	60.59	0.00
GenGT SMUD 10	2012	12	480.09	5.45	348.31	4.93	64.24	62.61	0.00
GenGT SMUD 11	2012		4,401.22	52.99	2,980.98	56.10	624.99	739.15	0.00
GenGT SMUD 11	2012	1	352.53	3.94	239.20	4.23	46.49	62.61	0.00
GenGT SMUD 11	2012	2	260.98	2.82	162.60	6.58	33.23	58.57	0.00
GenGT SMUD 11	2012	3	234.67	2.48	137.88	4.93	29.25	62.61	0.00
GenGT SMUD 11	2012	4	213.90	2.27	122.43	4.10	26.79	60.59	0.00
GenGT SMUD 11	2012	5	321.16	3.94	208.53	3.53	46.49	62.61	0.00
GenGT SMUD 11	2012	6	420.83	5.53	290.94	4.10	65.20	60.59	0.00
GenGT SMUD 11	2012	7	637.75	8.81	466.27	4.93	103.94	62.61	0.00
GenGT SMUD 11	2012	8	416.65	5.31	286.43	4.93	62.68	62.61	0.00
GenGT SMUD 11	2012	9	411.21	5.14	285.19	4.77	60.66	60.59	0.00
GenGT SMUD 11	2012	10	261.08	2.79	160.64	4.93	32.91	62.61	0.00
GenGT SMUD 11	2012	11	379.62	4.37	264.06	3.42	51.56	60.59	0.00
GenGT SMUD 11	2012	12	490.85	5.58	356.80	5.63	65.81	62.61	0.00
GenGT SMUD 12	2012		4,071.48	48.16	2,706.85	57.45	568.02	739.15	0.00
GenGT SMUD 12	2012	1	315.41	3.41	206.95	5.63	40.22	62.61	0.00
GenGT SMUD 12	2012	2	229.30	2.36	136.30	6.58	27.85	58.57	0.00
GenGT SMUD 12	2012	3	225.01	2.35	130.49	4.23	27.68	62.61	0.00
GenGT SMUD 12	2012	4	199.82	2.06	110.88	4.10	24.26	60.59	0.00
GenGT SMUD 12	2012	5	285.37	3.41	180.42	2.13	40.22	62.61	0.00
GenGT SMUD 12	2012	6	380.09	4.89	257.11	4.77	57.62	60.59	0.00
GenGT SMUD 12	2012	7	614.83	8.46	447.53	4.93	99.76	62.61	0.00
GenGT SMUD 12	2012	8	399.19	5.05	272.11	4.93	59.54	62.61	0.00
GenGT SMUD 12	2012	9	396.12	4.93	273.31	4.10	58.13	60.59	0.00
GenGT SMUD 12	2012	10	224.22	2.26	130.04	4.93	26.64	62.61	0.00
GenGT SMUD 12	2012	11	340.75	3.81	230.41	4.77	44.99	60.59	0.00
GenGT SMUD 12	2012	12	461.37	5.18	331.32	6.34	61.11	62.61	0.00
GenGT SMUD 13	2012		3,760.44	43.62	2,447.26	59.53	514.49	739.15	0.00
GenGT SMUD 13	2012	1	271.17	2.79	169.32	6.34	32.91	62.61	0.00
GenGT SMUD 13	2012	2	196.96	1.91	109.99	5.93	22.48	58.57	0.00
GenGT SMUD 13	2012	3	200.26	1.95	108.33	6.34	22.98	62.61	0.00
GenGT SMUD 13	2012	4	167.39	1.54	83.16	5.45	18.20	60.59	0.00
GenGT SMUD 13	2012	5	238.82	2.70	142.93	1.43	31.86	62.61	0.00
GenGT SMUD 13	2012	6	387.70	5.01	263.88	4.10	59.14	60.59	0.00
GenGT SMUD 13	2012	7	608.39	8.37	442.84	4.23	98.72	62.61	0.00
GenGT SMUD 13	2012	8	366.49	4.56	245.85	4.23	53.80	62.61	0.00
GenGT SMUD 13	2012	9	376.63	4.63	256.68	4.77	54.59	60.59	0.00
GenGT SMUD 13	2012	10	211.93	2.08	119.84	4.93	24.55	62.61	0.00
GenGT SMUD 13	2012	11	313.58	3.43	207.11	5.45	40.44	60.59	0.00
GenGT SMUD 13	2012	12	421.12	4.65	297.34	6.34	54.84	62.61	0.00
GenGT SMUD 14	2012		3,585.83	41.17	2,302.25	58.81	485.62	739.15	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 14	2012	1	251.21	2.52	153.20	5.63	29.77	62.61	0.00
GenGT SMUD 14	2012	2	199.84	1.95	112.39	5.93	22.96	58.57	0.00
GenGT SMUD 14	2012	3	186.92	1.77	98.48	4.93	20.89	62.61	0.00
GenGT SMUD 14	2012	4	145.55	1.20	64.68	6.13	14.15	60.59	0.00
GenGT SMUD 14	2012	5	273.91	3.23	171.04	2.13	38.13	62.61	0.00
GenGT SMUD 14	2012	6	373.89	4.80	252.60	4.10	56.61	60.59	0.00
GenGT SMUD 14	2012	7	591.90	8.10	428.78	4.93	95.58	62.61	0.00
GenGT SMUD 14	2012	8	367.19	4.56	245.85	4.93	53.80	62.61	0.00
GenGT SMUD 14	2012	9	367.30	4.50	249.55	4.10	53.07	60.59	0.00
GenGT SMUD 14	2012	10	163.74	1.42	81.59	2.83	16.71	62.61	0.00
GenGT SMUD 14	2012	11	289.51	3.09	186.40	6.13	36.39	60.59	0.00
GenGT SMUD 14	2012	12	374.86	4.03	257.69	7.04	47.53	62.61	0.00
GenGT SMUD 15	2012		3,215.66	35.80	2,000.16	54.09	422.26	739.15	0.00
GenGT SMUD 15	2012	1	209.48	1.95	118.26	5.63	22.98	62.61	0.00
GenGT SMUD 15	2012	2	144.47	1.16	66.95	5.27	13.68	58.57	0.00
GenGT SMUD 15	2012	3	147.42	1.20	66.48	4.23	14.10	62.61	0.00
GenGT SMUD 15	2012	4	97.79	0.51	27.72	3.42	6.07	60.59	0.00
GenGT SMUD 15	2012	5	204.44	2.17	114.81	1.43	25.59	62.61	0.00
GenGT SMUD 15	2012	6	346.29	4.37	230.05	4.10	51.56	60.59	0.00
GenGT SMUD 15	2012	7	596.93	8.19	433.47	4.23	96.63	62.61	0.00
GenGT SMUD 15	2012	8	361.37	4.47	241.08	4.93	52.75	62.61	0.00
GenGT SMUD 15	2012	9	344.24	4.16	230.53	4.10	49.03	60.59	0.00
GenGT SMUD 15	2012	10	146.71	1.15	66.30	4.23	13.58	62.61	0.00
GenGT SMUD 15	2012	11	251.02	2.57	155.33	4.77	30.33	60.59	0.00
GenGT SMUD 15	2012	12	365.50	3.90	249.20	7.74	45.96	62.61	0.00
GenGT SMUD 16	2012		3,080.15	33.97	1,890.40	49.97	400.63	739.15	0.00
GenGT SMUD 16	2012	1	222.32	2.13	129.01	5.63	25.07	62.61	0.00
GenGT SMUD 16	2012	2	135.18	1.04	59.78	4.62	12.22	58.57	0.00
GenGT SMUD 16	2012	3	122.14	0.84	46.78	2.83	9.92	62.61	0.00
GenGT SMUD 16	2012	4	93.62	0.47	25.41	2.06	5.56	60.59	0.00
GenGT SMUD 16	2012	5	256.72	2.97	156.99	2.13	34.99	62.61	0.00
GenGT SMUD 16	2012	6	359.41	4.59	241.32	3.42	54.08	60.59	0.00
GenGT SMUD 16	2012	7	568.28	7.75	410.04	4.23	91.40	62.61	0.00
GenGT SMUD 16	2012	8	320.64	3.85	207.66	4.93	45.44	62.61	0.00
GenGT SMUD 16	2012	9	329.83	3.94	218.65	4.10	46.50	60.59	0.00
GenGT SMUD 16	2012	10	139.87	1.06	61.20	3.53	12.54	62.61	0.00
GenGT SMUD 16	2012	11	217.66	2.10	126.85	5.45	24.77	60.59	0.00
GenGT SMUD 16	2012	12	314.49	3.23	206.72	7.04	38.13	62.61	0.00
GenGT SMUD 17	2012		2,885.11	31.22	1,733.21	44.48	368.26	739.15	0.00
GenGT SMUD 17	2012	1	206.27	1.90	115.57	5.63	22.46	62.61	0.00
GenGT SMUD 17	2012	2	120.12	0.83	47.82	3.96	9.77	58.57	0.00
GenGT SMUD 17	2012	3	110.20	0.66	36.93	2.83	7.83	62.61	0.00
GenGT SMUD 17	2012	4	84.49	0.34	18.48	1.38	4.04	60.59	0.00
GenGT SMUD 17	2012	5	245.25	2.79	147.61	2.13	32.91	62.61	0.00
GenGT SMUD 17	2012	6	334.56	4.20	221.02	3.42	49.54	60.59	0.00
GenGT SMUD 17	2012	7	568.28	7.75	410.04	4.23	91.40	62.61	0.00
GenGT SMUD 17	2012	8	296.67	3.50	188.57	4.23	41.26	62.61	0.00
GenGT SMUD 17	2012	9	324.07	3.86	213.90	4.10	45.49	60.59	0.00
GenGT SMUD 17	2012	10	120.03	0.80	45.90	2.13	9.40	62.61	0.00
GenGT SMUD 17	2012	11	191.55	1.76	106.14	4.10	20.72	60.59	0.00
GenGT SMUD 17	2012	12	283.60	2.83	181.23	6.34	33.43	62.61	0.00
GenGT SMUD 18	2012		2,726.94	28.95	1,605.21	41.11	341.47	739.15	0.00
GenGT SMUD 18	2012	1	183.80	1.59	96.76	5.63	18.80	62.61	0.00
GenGT SMUD 18	2012	2	87.13	0.37	21.52	2.65	4.40	58.57	0.00
GenGT SMUD 18	2012	3	95.28	0.44	24.62	2.83	5.22	62.61	0.00
GenGT SMUD 18	2012	4	69.74	0.13	6.93	0.70	1.52	60.59	0.00
GenGT SMUD 18	2012	5	245.25	2.79	147.61	2.13	32.91	62.61	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 21	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 25	2012		2,321.15	23.31	1,276.20	30.82	274.97	739.15	0.00
GenGT SMUD 25	2012	1	131.04	0.89	53.75	4.23	10.45	62.61	0.00
GenGT SMUD 25	2012	2	73.65	0.21	11.96	0.68	2.44	58.57	0.00
GenGT SMUD 25	2012	3	68.60	0.09	4.92	0.03	1.04	62.61	0.00
GenGT SMUD 25	2012	4	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 25	2012	5	207.30	2.21	117.15	1.43	26.12	62.61	0.00
GenGT SMUD 25	2012	6	303.52	3.73	196.22	2.74	43.98	60.59	0.00
GenGT SMUD 25	2012	7	553.95	7.53	398.32	4.23	88.79	62.61	0.00
GenGT SMUD 25	2012	8	279.91	3.23	174.25	4.93	38.13	62.61	0.00
GenGT SMUD 25	2012	9	236.93	2.57	142.60	3.42	30.33	60.59	0.00
GenGT SMUD 25	2012	10	101.60	0.53	30.60	2.13	6.27	62.61	0.00
GenGT SMUD 25	2012	11	109.06	0.64	38.83	2.06	7.58	60.59	0.00
GenGT SMUD 25	2012	12	194.99	1.68	107.61	4.93	19.85	62.61	0.00
GenGT SMUD 26	2012		2,213.96	21.91	1,192.53	23.85	258.43	739.15	0.00
GenGT SMUD 26	2012	1	112.89	0.66	40.32	2.13	7.83	62.61	0.00
GenGT SMUD 26	2012	2	70.77	0.17	9.56	0.68	1.95	58.57	0.00
GenGT SMUD 26	2012	3	65.62	0.04	2.46	0.03	0.52	62.61	0.00
GenGT SMUD 26	2012	4	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 26	2012	5	204.44	2.17	114.81	1.43	25.59	62.61	0.00
GenGT SMUD 26	2012	6	300.76	3.69	193.96	2.74	43.47	60.59	0.00
GenGT SMUD 26	2012	7	545.36	7.40	391.29	4.23	87.23	62.61	0.00
GenGT SMUD 26	2012	8	282.12	3.28	176.63	4.23	38.65	62.61	0.00
GenGT SMUD 26	2012	9	221.84	2.36	130.71	2.74	27.80	60.59	0.00
GenGT SMUD 26	2012	10	94.76	0.44	25.50	1.43	5.22	62.61	0.00
GenGT SMUD 26	2012	11	102.19	0.56	33.65	1.38	6.57	60.59	0.00
GenGT SMUD 26	2012	12	152.64	1.15	73.63	2.83	13.58	62.61	0.00
GenGT SMUD 27	2012		2,150.64	20.96	1,141.16	23.12	247.21	739.15	0.00
GenGT SMUD 27	2012	1	112.18	0.66	40.32	1.43	7.83	62.61	0.00
GenGT SMUD 27	2012	2	73.65	0.21	11.96	0.68	2.44	58.57	0.00
GenGT SMUD 27	2012	3	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 27	2012	4	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 27	2012	5	201.57	2.13	112.47	1.43	25.07	62.61	0.00
GenGT SMUD 27	2012	6	281.43	3.39	178.17	2.74	39.93	60.59	0.00
GenGT SMUD 27	2012	7	542.49	7.35	388.95	4.23	86.70	62.61	0.00
GenGT SMUD 27	2012	8	273.39	3.14	169.47	4.23	37.08	62.61	0.00
GenGT SMUD 27	2012	9	198.78	2.01	111.70	2.74	23.76	60.59	0.00
GenGT SMUD 27	2012	10	91.68	0.40	22.95	1.43	4.70	62.61	0.00
GenGT SMUD 27	2012	11	92.91	0.43	25.89	1.38	5.05	60.59	0.00
GenGT SMUD 27	2012	12	159.35	1.24	79.29	2.83	14.62	62.61	0.00
GenGT SMUD 28	2012		2,007.52	18.94	1,024.64	20.37	223.36	739.15	0.00
GenGT SMUD 28	2012	1	105.76	0.58	34.94	1.43	6.79	62.61	0.00
GenGT SMUD 28	2012	2	70.77	0.17	9.56	0.68	1.95	58.57	0.00
GenGT SMUD 28	2012	3	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 28	2012	4	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 28	2012	5	195.84	2.04	107.78	1.43	24.03	62.61	0.00
GenGT SMUD 28	2012	6	273.15	3.26	171.41	2.74	38.42	60.59	0.00
GenGT SMUD 28	2012	7	513.84	6.91	365.52	4.23	81.48	62.61	0.00
GenGT SMUD 28	2012	8	252.33	2.83	152.76	3.53	33.43	62.61	0.00
GenGT SMUD 28	2012	9	186.58	1.84	102.19	2.06	21.73	60.59	0.00
GenGT SMUD 28	2012	10	91.68	0.40	22.95	1.43	4.70	62.61	0.00
GenGT SMUD 28	2012	11	86.05	0.34	20.71	0.70	4.04	60.59	0.00
GenGT SMUD 28	2012	12	108.34	0.58	36.81	2.13	6.79	62.61	0.00
GenGT SMUD 3	2012		1,924.05	17.81	957.88	16.93	210.09	739.15	0.00
GenGT SMUD 3	2012	1	98.64	0.49	29.56	0.73	5.75	62.61	0.00
GenGT SMUD 3	2012	2	64.35	0.08	4.78	0.03	0.98	58.57	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 46	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2012		1,710.28	14.70	785.06	12.72	173.34	739.15	0.00
GenGT SMUD 5	2012	1	65.84	0.04	2.69	0.03	0.52	62.61	0.00
GenGT SMUD 5	2012	2	58.57	0.00	0.00	0.00	0.00	58.57	0.00
GenGT SMUD 5	2012	3	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 5	2012	4	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 5	2012	5	130.04	1.02	53.97	1.43	12.03	62.61	0.00
GenGT SMUD 5	2012	6	261.43	3.09	162.39	2.06	36.39	60.59	0.00
GenGT SMUD 5	2012	7	496.64	6.64	351.46	4.23	78.35	62.61	0.00
GenGT SMUD 5	2012	8	231.96	2.52	136.05	3.53	29.77	62.61	0.00
GenGT SMUD 5	2012	9	136.90	1.11	61.79	1.38	13.14	60.59	0.00
GenGT SMUD 5	2012	10	65.71	0.04	2.55	0.03	0.52	62.61	0.00
GenGT SMUD 5	2012	11	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 5	2012	12	79.40	0.22	14.16	0.03	2.61	62.61	0.00
GenGT SMUD 6	2012		1,684.75	14.31	764.16	12.64	168.80	739.15	0.00
GenGT SMUD 6	2012	1	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 6	2012	2	58.57	0.00	0.00	0.00	0.00	58.57	0.00
GenGT SMUD 6	2012	3	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 6	2012	4	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 6	2012	5	114.91	0.80	42.18	0.73	9.40	62.61	0.00
GenGT SMUD 6	2012	6	261.43	3.09	162.39	2.06	36.39	60.59	0.00
GenGT SMUD 6	2012	7	492.55	6.58	348.11	4.23	77.60	62.61	0.00
GenGT SMUD 6	2012	8	214.51	2.26	121.73	3.53	26.64	62.61	0.00
GenGT SMUD 6	2012	9	157.76	1.41	78.43	2.06	16.68	60.59	0.00
GenGT SMUD 6	2012	10	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 6	2012	11	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 6	2012	12	76.05	0.18	11.33	0.03	2.09	62.61	0.00
GenGT SMUD 7	2012		1,608.63	13.14	703.14	11.31	155.03	739.15	0.00
GenGT SMUD 7	2012	1	75.47	0.18	10.75	0.03	2.09	62.61	0.00
GenGT SMUD 7	2012	2	58.57	0.00	0.00	0.00	0.00	58.57	0.00
GenGT SMUD 7	2012	3	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 7	2012	4	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 7	2012	5	86.26	0.35	18.74	0.73	4.18	62.61	0.00
GenGT SMUD 7	2012	6	253.14	2.96	155.62	2.06	34.88	60.59	0.00
GenGT SMUD 7	2012	7	470.86	6.24	330.37	4.23	73.65	62.61	0.00
GenGT SMUD 7	2012	8	194.14	1.95	105.02	3.53	22.98	62.61	0.00
GenGT SMUD 7	2012	9	147.75	1.29	71.30	0.70	15.16	60.59	0.00
GenGT SMUD 7	2012	10	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 7	2012	11	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 7	2012	12	76.05	0.18	11.33	0.03	2.09	62.61	0.00
GenGT SMUD 8	2012		1,587.01	12.82	685.41	11.29	151.16	739.15	0.00
GenGT SMUD 8	2012	1	75.47	0.18	10.75	0.03	2.09	62.61	0.00
GenGT SMUD 8	2012	2	58.57	0.00	0.00	0.00	0.00	58.57	0.00
GenGT SMUD 8	2012	3	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 8	2012	4	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 8	2012	5	79.83	0.27	14.06	0.03	3.13	62.61	0.00
GenGT SMUD 8	2012	6	258.67	3.04	160.13	2.06	35.89	60.59	0.00
GenGT SMUD 8	2012	7	461.03	6.09	322.34	4.23	71.85	62.61	0.00
GenGT SMUD 8	2012	8	191.23	1.90	102.64	3.53	22.46	62.61	0.00
GenGT SMUD 8	2012	9	139.79	1.16	64.17	1.38	13.65	60.59	0.00
GenGT SMUD 8	2012	10	62.61	0.00	0.00	0.00	0.00	62.61	0.00
GenGT SMUD 8	2012	11	60.59	0.00	0.00	0.00	0.00	60.59	0.00
GenGT SMUD 8	2012	12	76.05	0.18	11.33	0.03	2.09	62.61	0.00
GenGT SMUD 9	2012		1,404.98	10.09	537.67	9.13	119.03	739.15	0.00
GenGT SMUD 9	2012	1	62.61	0.00	0.00	0.00	0.00	62.61	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Klamath Falls 1	2012	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2012	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012		0.00	60.01	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	6	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	7	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	8	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	9	0.00	11.77	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	10	0.00	12.16	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2012		651.24	97.20	651.24	0.00	0.00	0.00	0.00
Loon Lake	2012	1	34.84	5.20	34.84	0.00	0.00	0.00	0.00
Loon Lake	2012	2	69.01	10.30	69.01	0.00	0.00	0.00	0.00
Loon Lake	2012	3	55.61	8.30	55.61	0.00	0.00	0.00	0.00
Loon Lake	2012	4	48.91	7.30	48.91	0.00	0.00	0.00	0.00
Loon Lake	2012	5	63.65	9.50	63.65	0.00	0.00	0.00	0.00
Loon Lake	2012	6	91.79	13.70	91.79	0.00	0.00	0.00	0.00
Loon Lake	2012	7	85.76	12.80	85.76	0.00	0.00	0.00	0.00
Loon Lake	2012	8	75.04	11.20	75.04	0.00	0.00	0.00	0.00
Loon Lake	2012	9	36.18	5.40	36.18	0.00	0.00	0.00	0.00
Loon Lake	2012	10	33.50	5.00	33.50	0.00	0.00	0.00	0.00
Loon Lake	2012	11	22.11	3.30	22.11	0.00	0.00	0.00	0.00
Loon Lake	2012	12	34.84	5.20	34.84	0.00	0.00	0.00	0.00
McClellan CT 1	2012		413.09	0.40	29.30	8.82	0.85	374.11	0.00
McClellan CT 1	2012	1	31.69	0.00	0.00	0.00	0.00	31.69	0.00
McClellan CT 1	2012	2	29.64	0.00	0.00	0.00	0.00	29.64	0.00
McClellan CT 1	2012	3	31.69	0.00	0.00	0.00	0.00	31.69	0.00
McClellan CT 1	2012	4	30.67	0.00	0.00	0.00	0.00	30.67	0.00
McClellan CT 1	2012	5	31.69	0.00	0.00	0.00	0.00	31.69	0.00
McClellan CT 1	2012	6	30.67	0.00	0.00	0.00	0.00	30.67	0.00
McClellan CT 1	2012	7	47.95	0.18	12.89	2.99	0.38	31.69	0.00
McClellan CT 1	2012	8	54.40	0.22	16.41	5.83	0.47	31.69	0.00
McClellan CT 1	2012	9	30.67	0.00	0.00	0.00	0.00	30.67	0.00
McClellan CT 1	2012	10	31.69	0.00	0.00	0.00	0.00	31.69	0.00
McClellan CT 1	2012	11	30.67	0.00	0.00	0.00	0.00	30.67	0.00
McClellan CT 1	2012	12	31.69	0.00	0.00	0.00	0.00	31.69	0.00
McClellan CT 2	2012		3,762.66	57.32	3,141.71	124.17	122.63	374.11	0.04
McClellan CT 2	2012	1	239.29	3.25	192.35	8.28	6.96	31.69	0.00
McClellan CT 2	2012	2	133.51	1.62	91.20	9.19	3.47	29.64	0.00
McClellan CT 2	2012	3	157.11	2.03	109.74	11.35	4.34	31.69	0.00
McClellan CT 2	2012	4	136.69	1.81	95.03	7.12	3.87	30.67	0.00
McClellan CT 2	2012	5	242.85	3.80	195.81	7.22	8.13	31.69	0.00
McClellan CT 2	2012	6	351.09	5.77	295.96	12.11	12.35	30.67	0.00
McClellan CT 2	2012	7	474.11	8.01	412.70	12.59	17.13	31.69	0.01
McClellan CT 2	2012	8	481.31	8.03	421.45	11.00	17.17	31.69	0.01
McClellan CT 2	2012	9	453.52	7.34	396.20	10.95	15.69	30.67	0.01
McClellan CT 2	2012	10	267.73	3.82	214.18	13.70	8.17	31.69	0.00
McClellan CT 2	2012	11	405.94	5.96	350.59	11.93	12.75	30.67	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy1_7x24	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012		0.00	159.79	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	6	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	7	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	8	0.00	40.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	9	0.00	39.29	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012		0.00	327.60	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	1	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	2	0.00	52.20	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	3	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	4	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	5	0.00	55.80	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	6	0.00	54.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2012		1,339.11	18.12	941.70	29.13	100.13	268.14	0.01
Procter & G GT 1	2012	1	22.71	0.00	0.00	0.00	0.00	22.71	0.00
Procter & G GT 1	2012	2	21.25	0.00	0.00	0.00	0.00	21.25	0.00
Procter & G GT 1	2012	3	22.71	0.00	0.00	0.00	0.00	22.71	0.00
Procter & G GT 1	2012	4	21.98	0.00	0.00	0.00	0.00	21.98	0.00
Procter & G GT 1	2012	5	100.68	1.36	70.29	0.14	7.54	22.71	0.00
Procter & G GT 1	2012	6	268.04	4.15	212.64	10.50	22.92	21.98	0.00
Procter & G GT 1	2012	7	478.34	7.79	401.65	10.91	43.06	22.71	0.01
Procter & G GT 1	2012	8	141.83	1.99	104.34	3.80	10.98	22.71	0.00
Procter & G GT 1	2012	9	194.17	2.83	152.78	3.78	15.63	21.98	0.00
Procter & G GT 1	2012	10	22.71	0.00	0.00	0.00	0.00	22.71	0.00
Procter & G GT 1	2012	11	21.98	0.00	0.00	0.00	0.00	21.98	0.00
Procter & G GT 1	2012	12	22.71	0.00	0.00	0.00	0.00	22.71	0.00
Robbs Peak	2012		328.97	49.10	328.97	0.00	0.00	0.00	0.00
Robbs Peak	2012	1	24.12	3.60	24.12	0.00	0.00	0.00	0.00
Robbs Peak	2012	2	36.18	5.40	36.18	0.00	0.00	0.00	0.00
Robbs Peak	2012	3	44.89	6.70	44.89	0.00	0.00	0.00	0.00
Robbs Peak	2012	4	48.24	7.20	48.24	0.00	0.00	0.00	0.00
Robbs Peak	2012	5	48.24	7.20	48.24	0.00	0.00	0.00	0.00
Robbs Peak	2012	6	37.52	5.60	37.52	0.00	0.00	0.00	0.00
Robbs Peak	2012	7	25.46	3.80	25.46	0.00	0.00	0.00	0.00
Robbs Peak	2012	8	21.44	3.20	21.44	0.00	0.00	0.00	0.00
Robbs Peak	2012	9	10.05	1.50	10.05	0.00	0.00	0.00	0.00
Robbs Peak	2012	10	8.71	1.30	8.71	0.00	0.00	0.00	0.00
Robbs Peak	2012	11	7.37	1.10	7.37	0.00	0.00	0.00	0.00
Robbs Peak	2012	12	16.75	2.50	16.75	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2012		35,597.99	645.03	31,970.96	5.44	-1,389.89	5,011.05	0.42

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Snohomish	2012	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2012	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2012	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2012		51,859.68	1,050.58	48,648.95	4.81	-1,088.33	4,293.61	0.64
SPA Campbell C 1	2012	1	4,154.99	77.66	3,871.29	0.44	-80.45	363.67	0.05
SPA Campbell C 1	2012	2	3,560.72	69.44	3,292.02	0.39	-71.94	340.20	0.04
SPA Campbell C 1	2012	3	4,003.99	81.56	3,724.36	0.40	-84.49	363.67	0.05
SPA Campbell C 1	2012	4	3,572.24	74.48	3,297.03	0.38	-77.15	351.94	0.05
SPA Campbell C 1	2012	5	3,971.18	85.03	3,695.17	0.38	-88.09	363.67	0.05
SPA Campbell C 1	2012	6	4,307.99	93.76	4,052.76	0.37	-97.13	351.94	0.06
SPA Campbell C 1	2012	7	4,570.10	99.15	4,308.70	0.38	-102.71	363.67	0.06
SPA Campbell C 1	2012	8	4,721.41	100.78	4,461.70	0.39	-104.41	363.67	0.06
SPA Campbell C 1	2012	9	4,744.15	98.66	4,493.98	0.39	-102.21	351.94	0.06
SPA Campbell C 1	2012	10	4,643.89	92.52	4,375.60	0.42	-95.85	363.67	0.06
SPA Campbell C 1	2012	11	4,494.01	85.25	4,229.91	0.42	-88.32	351.94	0.05
SPA Campbell C 1	2012	12	5,115.01	92.28	4,846.42	0.46	-95.59	363.67	0.06
Union Valley	2012		792.61	118.30	792.61	0.00	0.00	0.00	0.00
Union Valley	2012	1	41.54	6.20	41.54	0.00	0.00	0.00	0.00
Union Valley	2012	2	50.25	7.50	50.25	0.00	0.00	0.00	0.00
Union Valley	2012	3	69.68	10.40	69.68	0.00	0.00	0.00	0.00
Union Valley	2012	4	65.66	9.80	65.66	0.00	0.00	0.00	0.00
Union Valley	2012	5	84.42	12.60	84.42	0.00	0.00	0.00	0.00
Union Valley	2012	6	87.10	13.00	87.10	0.00	0.00	0.00	0.00
Union Valley	2012	7	87.10	13.00	87.10	0.00	0.00	0.00	0.00
Union Valley	2012	8	100.50	15.00	100.50	0.00	0.00	0.00	0.00
Union Valley	2012	9	85.76	12.80	85.76	0.00	0.00	0.00	0.00
Union Valley	2012	10	32.83	4.90	32.83	0.00	0.00	0.00	0.00
Union Valley	2012	11	36.85	5.50	36.85	0.00	0.00	0.00	0.00
Union Valley	2012	12	50.92	7.60	50.92	0.00	0.00	0.00	0.00
WAPA 1	2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2012	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2012		7,570.78	1,129.97	7,570.78	0.00	0.00	0.00	0.00
WAPA 2	2012	1	472.56	70.53	472.56	0.00	0.00	0.00	0.00
WAPA 2	2012	2	495.70	73.98	495.70	0.00	0.00	0.00	0.00
WAPA 2	2012	3	507.95	75.81	507.95	0.00	0.00	0.00	0.00
WAPA 2	2012	4	557.65	83.23	557.65	0.00	0.00	0.00	0.00
WAPA 2	2012	5	759.18	113.31	759.18	0.00	0.00	0.00	0.00
WAPA 2	2012	6	841.31	125.57	841.31	0.00	0.00	0.00	0.00
WAPA 2	2012	7	1,089.18	162.56	1,089.18	0.00	0.00	0.00	0.00
WAPA 2	2012	8	874.83	130.57	874.83	0.00	0.00	0.00	0.00
WAPA 2	2012	9	696.10	103.90	696.10	0.00	0.00	0.00	0.00
WAPA 2	2012	10	485.02	72.39	485.02	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
WAPA 2	2012	11	352.63	52.63	352.63	0.00	0.00	0.00	0.00
WAPA 2	2012	12	438.66	65.47	438.66	0.00	0.00	0.00	0.00
White Rock	2012		3,654.18	545.40	3,654.18	0.00	0.00	0.00	0.00
White Rock	2012	1	287.43	42.90	287.43	0.00	0.00	0.00	0.00
White Rock	2012	2	314.23	46.90	314.23	0.00	0.00	0.00	0.00
White Rock	2012	3	461.63	68.90	461.63	0.00	0.00	0.00	0.00
White Rock	2012	4	480.39	71.70	480.39	0.00	0.00	0.00	0.00
White Rock	2012	5	554.09	82.70	554.09	0.00	0.00	0.00	0.00
White Rock	2012	6	418.08	62.40	418.08	0.00	0.00	0.00	0.00
White Rock	2012	7	274.70	41.00	274.70	0.00	0.00	0.00	0.00
White Rock	2012	8	232.49	34.70	232.49	0.00	0.00	0.00	0.00
White Rock	2012	9	203.68	30.40	203.68	0.00	0.00	0.00	0.00
White Rock	2012	10	114.57	17.10	114.57	0.00	0.00	0.00	0.00
White Rock	2012	11	115.91	17.30	115.91	0.00	0.00	0.00	0.00
White Rock	2012	12	196.98	29.40	196.98	0.00	0.00	0.00	0.00
Camino	2013		2,503.32	362.80	2,503.32	0.00	0.00	0.00	0.00
Camino	2013	1	166.29	24.10	166.29	0.00	0.00	0.00	0.00
Camino	2013	2	204.93	29.70	204.93	0.00	0.00	0.00	0.00
Camino	2013	3	275.31	39.90	275.31	0.00	0.00	0.00	0.00
Camino	2013	4	231.84	33.60	231.84	0.00	0.00	0.00	0.00
Camino	2013	5	234.60	34.00	234.60	0.00	0.00	0.00	0.00
Camino	2013	6	228.39	33.10	228.39	0.00	0.00	0.00	0.00
Camino	2013	7	229.08	33.20	229.08	0.00	0.00	0.00	0.00
Camino	2013	8	268.41	38.90	268.41	0.00	0.00	0.00	0.00
Camino	2013	9	239.43	34.70	239.43	0.00	0.00	0.00	0.00
Camino	2013	10	123.51	17.90	123.51	0.00	0.00	0.00	0.00
Camino	2013	11	124.89	18.10	124.89	0.00	0.00	0.00	0.00
Camino	2013	12	176.64	25.60	176.64	0.00	0.00	0.00	0.00
Camp Far West	2013		145.51	21.09	145.51	0.00	0.00	0.00	0.00
Camp Far West	2013	1	11.81	1.71	11.81	0.00	0.00	0.00	0.00
Camp Far West	2013	2	19.01	2.76	19.01	0.00	0.00	0.00	0.00
Camp Far West	2013	3	20.53	2.98	20.53	0.00	0.00	0.00	0.00
Camp Far West	2013	4	16.89	2.45	16.89	0.00	0.00	0.00	0.00
Camp Far West	2013	5	19.51	2.83	19.51	0.00	0.00	0.00	0.00
Camp Far West	2013	6	18.88	2.74	18.88	0.00	0.00	0.00	0.00
Camp Far West	2013	7	15.40	2.23	15.40	0.00	0.00	0.00	0.00
Camp Far West	2013	8	13.35	1.93	13.35	0.00	0.00	0.00	0.00
Camp Far West	2013	9	1.99	0.29	1.99	0.00	0.00	0.00	0.00
Camp Far West	2013	10	1.03	0.15	1.03	0.00	0.00	0.00	0.00
Camp Far West	2013	11	1.99	0.29	1.99	0.00	0.00	0.00	0.00
Camp Far West	2013	12	5.13	0.74	5.13	0.00	0.00	0.00	0.00
Carson Ice CGCC	2013		21,254.08	380.82	18,839.20	1.31	604.31	1,809.02	0.24
Carson Ice CGCC	2013	1	1,827.27	30.49	1,625.09	0.13	48.38	153.64	0.02
Carson Ice CGCC	2013	2	1,559.97	27.11	1,378.15	0.00	43.03	138.77	0.02
Carson Ice CGCC	2013	3	1,722.34	31.17	1,519.10	0.12	49.46	153.64	0.02
Carson Ice CGCC	2013	4	1,574.14	29.05	1,379.23	0.11	46.10	148.69	0.02
Carson Ice CGCC	2013	5	1,696.21	32.15	1,491.42	0.11	51.01	153.64	0.02
Carson Ice CGCC	2013	6	1,691.70	32.39	1,491.49	0.11	51.39	148.69	0.02
Carson Ice CGCC	2013	7	1,775.51	33.82	1,568.07	0.11	53.67	153.64	0.02
Carson Ice CGCC	2013	8	1,835.14	34.53	1,626.56	0.12	54.79	153.64	0.02
Carson Ice CGCC	2013	9	1,819.60	33.42	1,617.75	0.12	53.03	148.69	0.02
Carson Ice CGCC	2013	10	1,853.69	32.58	1,648.20	0.12	51.70	153.64	0.02
Carson Ice CGCC	2013	11	1,832.52	30.87	1,634.70	0.13	48.99	148.69	0.02
Carson Ice CGCC	2013	12	2,065.99	33.25	1,859.44	0.14	52.76	153.64	0.02
Carson Ice CGGT	2013		3,170.28	30.14	1,725.04	39.65	104.35	1,301.22	0.02
Carson Ice CGGT	2013	1	110.51	0.00	0.00	0.00	0.00	110.51	0.00
Carson Ice CGGT	2013	2	99.82	0.00	0.00	0.00	0.00	99.82	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Carson Ice CGGT	2013	3	110.51	0.00	0.00	0.00	0.00	110.51	0.00
Carson Ice CGGT	2013	4	106.95	0.00	0.00	0.00	0.00	106.95	0.00
Carson Ice CGGT	2013	5	208.65	1.59	89.87	2.74	5.52	110.51	0.00
Carson Ice CGGT	2013	6	483.65	6.17	345.22	10.10	21.37	106.95	0.01
Carson Ice CGGT	2013	7	661.61	9.03	509.29	10.52	31.28	110.51	0.01
Carson Ice CGGT	2013	8	597.65	7.83	449.31	10.71	27.11	110.51	0.01
Carson Ice CGGT	2013	9	412.06	4.80	283.09	5.40	16.62	106.95	0.00
Carson Ice CGGT	2013	10	110.51	0.00	0.00	0.00	0.00	110.51	0.00
Carson Ice CGGT	2013	11	106.95	0.00	0.00	0.00	0.00	106.95	0.00
Carson Ice CGGT	2013	12	161.40	0.71	48.25	0.18	2.45	110.51	0.00
CDWR_Ex_6x16OnPl	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2013		64,408.39	1,160.84	64,408.39	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	1	10,673.34	195.71	10,673.34	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	2	5,731.76	115.57	5,731.76	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	3	2,307.52	48.17	2,307.52	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	4	2,705.60	71.11	2,705.60	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	5	1,597.88	40.04	1,597.88	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	6	2,787.18	53.76	2,787.18	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	7	4,488.91	72.57	4,488.91	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	8	6,710.42	106.95	6,710.42	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	9	3,845.66	62.20	3,845.66	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	10	5,810.98	103.53	5,810.98	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	11	8,170.97	137.45	8,170.97	0.00	0.00	0.00	0.00
CNP15_Markets p	2013	12	9,578.17	153.79	9,578.17	0.00	0.00	0.00	0.00
CNP15_Markets s	2013		-45,700.60	-715.96	-45,700.60	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	1	-145.92	-2.57	-145.92	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	2	-177.30	-4.16	-177.30	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	3	-1,220.22	-28.02	-1,220.22	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	4	-1,417.76	-26.79	-1,417.76	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	5	-4,724.60	-74.58	-4,724.60	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	6	-5,598.68	-83.75	-5,598.68	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	7	-11,385.58	-170.03	-11,385.58	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	8	-7,416.71	-115.23	-7,416.71	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	9	-9,328.02	-142.30	-9,328.02	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	10	-929.02	-22.08	-929.02	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	11	-546.67	-10.69	-546.67	0.00	0.00	0.00	0.00
CNP15_Markets s	2013	12	-2,810.13	-35.77	-2,810.13	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2013		86,759.36	1,890.50	78,967.54	15.07	5,902.43	1,873.29	1.03
Cosumnes SMUD 1a	2013	1	7,668.58	156.81	7,018.44	1.37	489.59	159.10	0.08
Cosumnes SMUD 1a	2013	2	6,449.97	137.44	5,875.90	1.18	429.11	143.70	0.07
Cosumnes SMUD 1a	2013	3	7,025.10	155.54	6,379.04	1.26	485.61	159.10	0.08
Cosumnes SMUD 1a	2013	4	6,463.02	146.39	5,850.72	1.18	457.06	153.97	0.08
Cosumnes SMUD 1a	2013	5	6,498.98	148.52	5,874.88	1.20	463.72	159.10	0.08
Cosumnes SMUD 1a	2013	6	6,899.12	159.82	6,244.93	1.15	498.98	153.97	0.09
Cosumnes SMUD 1a	2013	7	7,161.32	164.69	6,486.74	1.20	514.19	159.10	0.09

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3b	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 1	2013		4,848.86	58.23	3,329.83	59.58	703.89	755.56	0.00
GenGT SMUD 1	2013	1	318.40	3.37	207.76	5.78	40.69	64.17	0.00
GenGT SMUD 1	2013	2	289.44	3.20	188.23	4.57	38.68	57.96	0.00
GenGT SMUD 1	2013	3	201.48	1.90	107.79	6.49	23.02	64.17	0.00
GenGT SMUD 1	2013	4	141.78	1.16	63.58	2.11	13.99	62.10	0.00
GenGT SMUD 1	2013	5	322.32	3.85	207.95	3.62	46.58	64.17	0.00
GenGT SMUD 1	2013	6	469.31	6.13	328.23	4.89	74.09	62.10	0.00
GenGT SMUD 1	2013	7	682.88	9.30	501.94	4.34	112.43	64.17	0.00
GenGT SMUD 1	2013	8	629.56	8.37	459.86	4.34	101.18	64.17	0.00
GenGT SMUD 1	2013	9	631.10	8.23	464.63	4.89	99.48	62.10	0.00
GenGT SMUD 1	2013	10	240.89	2.44	142.93	4.34	29.45	64.17	0.00
GenGT SMUD 1	2013	11	343.11	3.73	229.65	6.28	45.07	62.10	0.00
GenGT SMUD 1	2013	12	578.62	6.55	427.29	7.93	79.23	64.17	0.00
GenGT SMUD 10	2013		4,668.47	55.71	3,179.88	59.52	673.51	755.56	0.00
GenGT SMUD 10	2013	1	294.80	3.06	188.63	5.06	36.94	64.17	0.00
GenGT SMUD 10	2013	2	253.21	2.68	157.64	5.22	32.40	57.96	0.00
GenGT SMUD 10	2013	3	189.31	1.73	97.76	6.49	20.88	64.17	0.00
GenGT SMUD 10	2013	4	148.22	1.24	68.28	2.81	15.02	62.10	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 10	2013	5	353.78	4.34	234.24	2.90	52.47	64.17	0.00
GenGT SMUD 10	2013	6	460.17	6.00	321.34	4.20	72.53	62.10	0.00
GenGT SMUD 10	2013	7	682.88	9.30	501.94	4.34	112.43	64.17	0.00
GenGT SMUD 10	2013	8	562.00	7.35	403.90	5.06	88.87	64.17	0.00
GenGT SMUD 10	2013	9	628.16	8.19	462.21	4.89	98.96	62.10	0.00
GenGT SMUD 10	2013	10	215.81	2.08	122.14	4.34	25.16	64.17	0.00
GenGT SMUD 10	2013	11	349.42	3.81	234.92	6.28	46.11	62.10	0.00
GenGT SMUD 10	2013	12	530.71	5.93	386.87	7.93	71.74	64.17	0.00
GenGT SMUD 11	2013		4,301.65	50.57	2,881.63	53.14	611.32	755.56	0.00
GenGT SMUD 11	2013	1	284.99	2.92	180.43	5.06	35.33	64.17	0.00
GenGT SMUD 11	2013	2	233.36	2.40	141.17	5.22	29.01	57.96	0.00
GenGT SMUD 11	2013	3	138.48	1.02	57.66	4.34	12.31	64.17	0.00
GenGT SMUD 11	2013	4	97.30	0.51	28.26	0.72	6.22	62.10	0.00
GenGT SMUD 11	2013	5	324.52	3.90	210.34	2.90	47.11	64.17	0.00
GenGT SMUD 11	2013	6	451.73	5.87	314.45	4.20	70.98	62.10	0.00
GenGT SMUD 11	2013	7	674.10	9.17	494.77	4.34	110.82	64.17	0.00
GenGT SMUD 11	2013	8	579.09	7.62	418.50	4.34	92.08	64.17	0.00
GenGT SMUD 11	2013	9	537.08	6.86	387.19	4.89	82.90	62.10	0.00
GenGT SMUD 11	2013	10	192.44	1.77	103.95	2.90	21.41	64.17	0.00
GenGT SMUD 11	2013	11	298.20	3.13	192.69	5.59	37.82	62.10	0.00
GenGT SMUD 11	2013	12	490.36	5.40	352.22	8.65	65.32	64.17	0.00
GenGT SMUD 12	2013		4,127.84	48.16	2,737.05	53.07	582.15	755.56	0.00
GenGT SMUD 12	2013	1	288.26	2.97	183.16	5.06	35.87	64.17	0.00
GenGT SMUD 12	2013	2	208.48	2.04	119.99	5.87	24.66	57.96	0.00
GenGT SMUD 12	2013	3	149.93	1.20	67.68	3.62	14.46	64.17	0.00
GenGT SMUD 12	2013	4	110.18	0.69	37.67	2.11	8.29	62.10	0.00
GenGT SMUD 12	2013	5	257.23	2.88	155.36	2.90	34.80	64.17	0.00
GenGT SMUD 12	2013	6	443.29	5.74	307.57	4.20	69.43	62.10	0.00
GenGT SMUD 12	2013	7	665.32	9.03	487.60	4.34	109.22	64.17	0.00
GenGT SMUD 12	2013	8	562.00	7.35	403.90	5.06	88.87	64.17	0.00
GenGT SMUD 12	2013	9	598.09	7.76	438.01	4.20	93.78	62.10	0.00
GenGT SMUD 12	2013	10	161.81	1.33	77.96	3.62	16.06	64.17	0.00
GenGT SMUD 12	2013	11	262.77	2.66	163.66	4.89	32.12	62.10	0.00
GenGT SMUD 12	2013	12	420.47	4.52	294.48	7.21	54.61	64.17	0.00
GenGT SMUD 13	2013		3,877.15	44.62	2,534.07	48.14	539.38	755.56	0.00
GenGT SMUD 13	2013	1	258.84	2.57	158.56	5.06	31.05	64.17	0.00
GenGT SMUD 13	2013	2	174.44	1.56	91.76	5.87	18.86	57.96	0.00
GenGT SMUD 13	2013	3	136.32	1.02	57.66	2.18	12.31	64.17	0.00
GenGT SMUD 13	2013	4	97.99	0.51	28.26	1.42	6.22	62.10	0.00
GenGT SMUD 13	2013	5	253.59	2.83	152.97	2.18	34.26	64.17	0.00
GenGT SMUD 13	2013	6	396.89	5.06	270.84	2.81	61.14	62.10	0.00
GenGT SMUD 13	2013	7	610.46	8.19	442.19	5.06	99.04	64.17	0.00
GenGT SMUD 13	2013	8	567.22	7.44	408.77	4.34	89.94	64.17	0.00
GenGT SMUD 13	2013	9	592.21	7.67	433.17	4.20	92.74	62.10	0.00
GenGT SMUD 13	2013	10	149.28	1.15	67.57	3.62	13.92	64.17	0.00
GenGT SMUD 13	2013	11	239.97	2.36	145.18	4.20	28.50	62.10	0.00
GenGT SMUD 13	2013	12	399.94	4.25	277.16	7.21	51.40	64.17	0.00
GenGT SMUD 14	2013		3,597.95	40.77	2,304.17	45.40	492.82	755.56	0.00
GenGT SMUD 14	2013	1	187.63	1.59	98.41	5.78	19.27	64.17	0.00
GenGT SMUD 14	2013	2	139.11	1.08	63.53	4.57	13.06	57.96	0.00
GenGT SMUD 14	2013	3	139.36	1.06	60.16	2.18	12.85	64.17	0.00
GenGT SMUD 14	2013	4	80.75	0.26	14.13	1.42	3.11	62.10	0.00
GenGT SMUD 14	2013	5	265.29	3.01	162.53	2.18	36.41	64.17	0.00
GenGT SMUD 14	2013	6	405.33	5.19	277.73	2.81	62.69	62.10	0.00
GenGT SMUD 14	2013	7	595.11	7.97	430.24	4.34	96.37	64.17	0.00
GenGT SMUD 14	2013	8	537.53	7.00	384.44	4.34	84.59	64.17	0.00
GenGT SMUD 14	2013	9	545.90	6.99	394.45	4.89	84.45	62.10	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 19	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 2	2013		2,864.53	30.65	1,710.51	27.92	370.53	755.56	0.00
GenGT SMUD 2	2013	1	124.48	0.80	49.21	1.46	9.64	64.17	0.00
GenGT SMUD 2	2013	2	79.14	0.28	16.47	1.32	3.38	57.96	0.00
GenGT SMUD 2	2013	3	100.70	0.53	30.08	0.03	6.42	64.17	0.00
GenGT SMUD 2	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 2	2013	5	233.83	2.52	136.24	2.90	30.52	64.17	0.00
GenGT SMUD 2	2013	6	338.50	4.16	222.64	3.50	50.26	62.10	0.00
GenGT SMUD 2	2013	7	554.15	7.35	396.77	4.34	88.87	64.17	0.00
GenGT SMUD 2	2013	8	456.67	5.80	318.74	3.62	70.13	64.17	0.00
GenGT SMUD 2	2013	9	521.70	6.64	375.09	4.20	80.31	62.10	0.00
GenGT SMUD 2	2013	10	81.31	0.22	12.99	1.46	2.68	64.17	0.00
GenGT SMUD 2	2013	11	71.60	0.13	7.92	0.03	1.55	62.10	0.00
GenGT SMUD 2	2013	12	240.35	2.21	144.35	5.06	26.77	64.17	0.00
GenGT SMUD 20	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 25	2013		2,872.13	30.90	1,717.84	25.13	373.60	755.56	0.00
GenGT SMUD 25	2013	1	127.75	0.84	51.94	1.46	10.17	64.17	0.00
GenGT SMUD 25	2013	2	63.66	0.08	4.71	0.03	0.97	57.96	0.00
GenGT SMUD 25	2013	3	88.54	0.35	20.05	0.03	4.28	64.17	0.00
GenGT SMUD 25	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 25	2013	5	230.90	2.48	133.85	2.90	29.98	64.17	0.00
GenGT SMUD 25	2013	6	346.25	4.29	229.53	2.81	51.81	62.10	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 25	2013	7	609.74	8.19	442.19	4.34	99.04	64.17	0.00
GenGT SMUD 25	2013	8	498.94	6.42	352.81	4.34	77.63	64.17	0.00
GenGT SMUD 25	2013	9	498.89	6.30	355.73	4.89	76.16	62.10	0.00
GenGT SMUD 25	2013	10	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 25	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 25	2013	12	219.10	1.95	127.03	4.34	23.56	64.17	0.00
GenGT SMUD 26	2013		2,747.00	29.11	1,617.97	21.57	351.89	755.56	0.00
GenGT SMUD 26	2013	1	124.48	0.80	49.21	1.46	9.64	64.17	0.00
GenGT SMUD 26	2013	2	67.14	0.12	7.06	0.67	1.45	57.96	0.00
GenGT SMUD 26	2013	3	100.70	0.53	30.08	0.03	6.42	64.17	0.00
GenGT SMUD 26	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 26	2013	5	222.13	2.35	126.68	2.90	28.37	64.17	0.00
GenGT SMUD 26	2013	6	314.60	3.81	204.28	2.11	46.11	62.10	0.00
GenGT SMUD 26	2013	7	553.43	7.35	396.77	3.62	88.87	64.17	0.00
GenGT SMUD 26	2013	8	495.97	6.38	350.37	4.34	77.09	64.17	0.00
GenGT SMUD 26	2013	9	479.87	6.04	341.21	3.50	73.05	62.10	0.00
GenGT SMUD 26	2013	10	67.33	0.04	2.60	0.03	0.54	64.17	0.00
GenGT SMUD 26	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 26	2013	12	197.13	1.68	109.71	2.90	20.34	64.17	0.00
GenGT SMUD 27	2013		2,737.75	29.03	1,611.77	19.46	350.96	755.56	0.00
GenGT SMUD 27	2013	1	113.95	0.66	41.01	0.75	8.03	64.17	0.00
GenGT SMUD 27	2013	2	57.96	0.00	0.00	0.00	0.00	57.96	0.00
GenGT SMUD 27	2013	3	100.70	0.53	30.08	0.03	6.42	64.17	0.00
GenGT SMUD 27	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 27	2013	5	200.93	2.04	109.95	2.18	24.63	64.17	0.00
GenGT SMUD 27	2013	6	311.79	3.77	201.99	2.11	45.59	62.10	0.00
GenGT SMUD 27	2013	7	589.26	7.88	425.46	4.34	95.30	64.17	0.00
GenGT SMUD 27	2013	8	490.04	6.29	345.51	4.34	76.02	64.17	0.00
GenGT SMUD 27	2013	9	485.75	6.13	346.05	3.50	74.09	62.10	0.00
GenGT SMUD 27	2013	10	73.60	0.13	7.80	0.03	1.61	64.17	0.00
GenGT SMUD 27	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 27	2013	12	189.56	1.59	103.94	2.18	19.27	64.17	0.00
GenGT SMUD 28	2013		2,652.33	27.76	1,541.77	19.46	335.54	755.56	0.00
GenGT SMUD 28	2013	1	113.95	0.66	41.01	0.75	8.03	64.17	0.00
GenGT SMUD 28	2013	2	57.96	0.00	0.00	0.00	0.00	57.96	0.00
GenGT SMUD 28	2013	3	86.21	0.31	17.55	0.75	3.75	64.17	0.00
GenGT SMUD 28	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 28	2013	5	162.90	1.46	78.88	2.18	17.67	64.17	0.00
GenGT SMUD 28	2013	6	297.72	3.56	190.51	2.11	43.00	62.10	0.00
GenGT SMUD 28	2013	7	580.48	7.75	418.28	4.34	93.69	64.17	0.00
GenGT SMUD 28	2013	8	487.07	6.24	343.07	4.34	75.49	64.17	0.00
GenGT SMUD 28	2013	9	482.81	6.09	343.63	3.50	73.57	62.10	0.00
GenGT SMUD 28	2013	10	73.60	0.13	7.80	0.03	1.61	64.17	0.00
GenGT SMUD 28	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 28	2013	12	185.42	1.55	101.05	1.46	18.74	64.17	0.00
GenGT SMUD 3	2013		2,622.39	27.32	1,514.99	21.61	330.22	755.56	0.00
GenGT SMUD 3	2013	1	97.61	0.44	27.34	0.75	5.35	64.17	0.00
GenGT SMUD 3	2013	2	57.96	0.00	0.00	0.00	0.00	57.96	0.00
GenGT SMUD 3	2013	3	74.04	0.13	7.52	0.75	1.61	64.17	0.00
GenGT SMUD 3	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 3	2013	5	207.50	2.13	114.73	2.90	25.70	64.17	0.00
GenGT SMUD 3	2013	6	294.91	3.51	188.21	2.11	42.48	62.10	0.00
GenGT SMUD 3	2013	7	569.50	7.57	408.72	5.06	91.55	64.17	0.00
GenGT SMUD 3	2013	8	464.04	5.89	323.61	5.06	71.20	64.17	0.00
GenGT SMUD 3	2013	9	479.87	6.04	341.21	3.50	73.05	62.10	0.00
GenGT SMUD 3	2013	10	67.33	0.04	2.60	0.03	0.54	64.17	0.00
GenGT SMUD 3	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 43	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2013		2,511.09	25.82	1,424.71	18.71	312.10	755.56	0.00
GenGT SMUD 45	2013	1	84.53	0.27	16.40	0.75	3.21	64.17	0.00
GenGT SMUD 45	2013	2	57.96	0.00	0.00	0.00	0.00	57.96	0.00
GenGT SMUD 45	2013	3	70.28	0.09	5.01	0.03	1.07	64.17	0.00
GenGT SMUD 45	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 45	2013	5	181.17	1.73	93.22	2.90	20.88	64.17	0.00
GenGT SMUD 45	2013	6	286.47	3.39	181.33	2.11	40.93	62.10	0.00
GenGT SMUD 45	2013	7	577.56	7.71	415.89	4.34	93.15	64.17	0.00
GenGT SMUD 45	2013	8	457.38	5.80	318.74	4.34	70.13	64.17	0.00
GenGT SMUD 45	2013	9	473.99	5.96	336.37	3.50	72.02	62.10	0.00
GenGT SMUD 45	2013	10	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 45	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 45	2013	12	133.37	0.89	57.74	0.75	10.71	64.17	0.00
GenGT SMUD 46	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2013		2,486.38	25.37	1,405.41	18.69	306.72	755.56	0.00
GenGT SMUD 5	2013	1	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 5	2013	2	57.96	0.00	0.00	0.00	0.00	57.96	0.00
GenGT SMUD 5	2013	3	67.24	0.04	2.51	0.03	0.54	64.17	0.00
GenGT SMUD 5	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 5	2013	5	162.52	1.46	78.57	2.18	17.60	64.17	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 5	2013	6	283.66	3.34	179.03	2.11	40.41	62.10	0.00
GenGT SMUD 5	2013	7	577.56	7.71	415.89	4.34	93.15	64.17	0.00
GenGT SMUD 5	2013	8	428.42	5.36	294.41	5.06	64.78	64.17	0.00
GenGT SMUD 5	2013	9	471.05	5.91	333.95	3.50	71.50	62.10	0.00
GenGT SMUD 5	2013	10	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 5	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 5	2013	12	185.42	1.55	101.05	1.46	18.74	64.17	0.00
GenGT SMUD 6	2013		2,312.30	22.80	1,263.85	17.22	275.67	755.56	0.00
GenGT SMUD 6	2013	1	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 6	2013	2	57.96	0.00	0.00	0.00	0.00	57.96	0.00
GenGT SMUD 6	2013	3	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 6	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 6	2013	5	109.52	0.66	35.85	1.46	8.03	64.17	0.00
GenGT SMUD 6	2013	6	278.03	3.26	174.44	2.11	39.38	62.10	0.00
GenGT SMUD 6	2013	7	545.23	7.22	389.48	4.34	87.24	64.17	0.00
GenGT SMUD 6	2013	8	427.70	5.36	294.41	4.34	64.78	64.17	0.00
GenGT SMUD 6	2013	9	391.73	4.76	268.61	3.50	57.51	62.10	0.00
GenGT SMUD 6	2013	10	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 6	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 6	2013	12	185.42	1.55	101.05	1.46	18.74	64.17	0.00
GenGT SMUD 7	2013		2,189.02	21.07	1,164.37	14.35	254.75	755.56	0.00
GenGT SMUD 7	2013	1	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 7	2013	2	57.96	0.00	0.00	0.00	0.00	57.96	0.00
GenGT SMUD 7	2013	3	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 7	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 7	2013	5	88.32	0.35	19.12	0.75	4.28	64.17	0.00
GenGT SMUD 7	2013	6	278.03	3.26	174.44	2.11	39.38	62.10	0.00
GenGT SMUD 7	2013	7	484.63	6.31	340.56	3.62	76.28	64.17	0.00
GenGT SMUD 7	2013	8	382.45	4.69	257.91	3.62	56.75	64.17	0.00
GenGT SMUD 7	2013	9	447.55	5.57	314.59	3.50	67.35	62.10	0.00
GenGT SMUD 7	2013	10	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 7	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 7	2013	12	133.37	0.89	57.74	0.75	10.71	64.17	0.00
GenGT SMUD 8	2013		2,224.50	21.49	1,193.38	15.81	259.74	755.56	0.00
GenGT SMUD 8	2013	1	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 8	2013	2	57.96	0.00	0.00	0.00	0.00	57.96	0.00
GenGT SMUD 8	2013	3	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 8	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 8	2013	5	88.32	0.35	19.12	0.75	4.28	64.17	0.00
GenGT SMUD 8	2013	6	229.51	2.53	135.42	1.42	30.57	62.10	0.00
GenGT SMUD 8	2013	7	521.33	6.85	369.95	4.34	82.86	64.17	0.00
GenGT SMUD 8	2013	8	421.76	5.27	289.54	4.34	63.71	64.17	0.00
GenGT SMUD 8	2013	9	403.48	4.93	278.29	3.50	59.58	62.10	0.00
GenGT SMUD 8	2013	10	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 8	2013	11	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 8	2013	12	185.42	1.55	101.05	1.46	18.74	64.17	0.00
GenGT SMUD 9	2013		2,113.09	19.84	1,104.07	13.65	239.80	755.56	0.00
GenGT SMUD 9	2013	1	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 9	2013	2	57.96	0.00	0.00	0.00	0.00	57.96	0.00
GenGT SMUD 9	2013	3	64.17	0.00	0.00	0.00	0.00	64.17	0.00
GenGT SMUD 9	2013	4	62.10	0.00	0.00	0.00	0.00	62.10	0.00
GenGT SMUD 9	2013	5	78.94	0.22	12.04	0.03	2.70	64.17	0.00
GenGT SMUD 9	2013	6	268.51	3.11	166.67	2.11	37.62	62.10	0.00
GenGT SMUD 9	2013	7	422.08	5.36	289.45	3.62	64.83	64.17	0.00
GenGT SMUD 9	2013	8	355.74	4.30	236.01	3.62	51.93	64.17	0.00
GenGT SMUD 9	2013	9	427.73	5.29	298.84	2.81	63.98	62.10	0.00
GenGT SMUD 9	2013	10	64.17	0.00	0.00	0.00	0.00	64.17	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy3_SumPk	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2013		2,520.80	37.08	1,973.84	62.85	209.99	274.10	0.03
Procter & G GT 1	2013	1	23.28	0.00	0.00	0.00	0.00	23.28	0.00
Procter & G GT 1	2013	2	21.03	0.00	0.00	0.00	0.00	21.03	0.00
Procter & G GT 1	2013	3	23.28	0.00	0.00	0.00	0.00	23.28	0.00
Procter & G GT 1	2013	4	22.53	0.00	0.00	0.00	0.00	22.53	0.00
Procter & G GT 1	2013	5	140.55	1.95	102.43	3.80	11.04	23.28	0.00
Procter & G GT 1	2013	6	483.82	7.73	403.30	14.20	43.78	22.53	0.01
Procter & G GT 1	2013	7	578.64	9.28	487.99	14.79	52.57	23.28	0.01
Procter & G GT 1	2013	8	690.11	10.95	586.02	18.78	62.02	23.28	0.01
Procter & G GT 1	2013	9	468.47	7.17	394.09	11.27	40.58	22.53	0.01
Procter & G GT 1	2013	10	23.28	0.00	0.00	0.00	0.00	23.28	0.00
Procter & G GT 1	2013	11	22.53	0.00	0.00	0.00	0.00	22.53	0.00
Procter & G GT 1	2013	12	23.28	0.00	0.00	0.00	0.00	23.28	0.00
Robbs Peak	2013		338.79	49.10	338.79	0.00	0.00	0.00	0.00
Robbs Peak	2013	1	24.84	3.60	24.84	0.00	0.00	0.00	0.00
Robbs Peak	2013	2	37.26	5.40	37.26	0.00	0.00	0.00	0.00
Robbs Peak	2013	3	46.23	6.70	46.23	0.00	0.00	0.00	0.00
Robbs Peak	2013	4	49.68	7.20	49.68	0.00	0.00	0.00	0.00
Robbs Peak	2013	5	49.68	7.20	49.68	0.00	0.00	0.00	0.00
Robbs Peak	2013	6	38.64	5.60	38.64	0.00	0.00	0.00	0.00
Robbs Peak	2013	7	26.22	3.80	26.22	0.00	0.00	0.00	0.00
Robbs Peak	2013	8	22.08	3.20	22.08	0.00	0.00	0.00	0.00
Robbs Peak	2013	9	10.35	1.50	10.35	0.00	0.00	0.00	0.00
Robbs Peak	2013	10	8.97	1.30	8.97	0.00	0.00	0.00	0.00
Robbs Peak	2013	11	7.59	1.10	7.59	0.00	0.00	0.00	0.00
Robbs Peak	2013	12	17.25	2.50	17.25	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2013		38,231.39	684.69	34,614.86	6.01	-1,512.23	5,122.30	0.45
SCA P&G Cogen 1	2013	1	3,139.60	51.90	2,818.60	0.55	-114.62	435.04	0.03
SCA P&G Cogen 1	2013	2	2,521.11	42.95	2,222.52	0.47	-94.85	392.94	0.03
SCA P&G Cogen 1	2013	3	3,029.67	54.51	2,714.48	0.50	-120.39	435.04	0.04
SCA P&G Cogen 1	2013	4	2,511.44	45.31	2,189.99	0.47	-100.06	421.01	0.03
SCA P&G Cogen 1	2013	5	3,091.10	58.65	2,785.08	0.48	-129.54	435.04	0.04
SCA P&G Cogen 1	2013	6	3,151.93	60.80	2,864.70	0.46	-134.28	421.01	0.04
SCA P&G Cogen 1	2013	7	3,346.29	64.29	3,052.71	0.48	-141.99	435.04	0.04
SCA P&G Cogen 1	2013	8	3,502.51	66.49	3,213.78	0.49	-146.84	435.04	0.04
SCA P&G Cogen 1	2013	9	3,451.80	63.84	3,171.25	0.49	-140.99	421.01	0.04

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
SCA P&G Cogen 1	2013	10	3,250.71	56.96	2,940.92	0.52	-125.81	435.04	0.04
SCA P&G Cogen 1	2013	11	3,466.51	58.58	3,174.32	0.53	-129.38	421.01	0.04
SCA P&G Cogen 1	2013	12	3,768.70	60.44	3,466.52	0.58	-133.48	435.04	0.04
Slab Creek	2013		9.07	1.32	9.07	0.00	0.00	0.00	0.00
Slab Creek	2013	1	0.51	0.07	0.51	0.00	0.00	0.00	0.00
Slab Creek	2013	2	0.46	0.07	0.46	0.00	0.00	0.00	0.00
Slab Creek	2013	3	0.51	0.07	0.51	0.00	0.00	0.00	0.00
Slab Creek	2013	4	0.50	0.07	0.50	0.00	0.00	0.00	0.00
Slab Creek	2013	5	0.51	0.07	0.51	0.00	0.00	0.00	0.00
Slab Creek	2013	6	0.99	0.14	0.99	0.00	0.00	0.00	0.00
Slab Creek	2013	7	1.03	0.15	1.03	0.00	0.00	0.00	0.00
Slab Creek	2013	8	1.03	0.15	1.03	0.00	0.00	0.00	0.00
Slab Creek	2013	9	0.99	0.14	0.99	0.00	0.00	0.00	0.00
Slab Creek	2013	10	1.03	0.15	1.03	0.00	0.00	0.00	0.00
Slab Creek	2013	11	0.99	0.14	0.99	0.00	0.00	0.00	0.00
Slab Creek	2013	12	0.51	0.07	0.51	0.00	0.00	0.00	0.00
SMUD PV 1	2013		169.51	42.00	0.00	0.00	60.59	108.92	0.00
SMUD PV 1	2013	1	9.39	0.10	0.00	0.00	0.14	9.25	0.00
SMUD PV 1	2013	2	8.92	0.39	0.00	0.00	0.57	8.36	0.00
SMUD PV 1	2013	3	11.29	1.41	0.00	0.00	2.04	9.25	0.00
SMUD PV 1	2013	4	13.14	2.90	0.00	0.00	4.19	8.95	0.00
SMUD PV 1	2013	5	15.06	4.03	0.00	0.00	5.81	9.25	0.00
SMUD PV 1	2013	6	20.88	8.27	0.00	0.00	11.93	8.95	0.00
SMUD PV 1	2013	7	21.04	8.17	0.00	0.00	11.79	9.25	0.00
SMUD PV 1	2013	8	20.31	7.66	0.00	0.00	11.05	9.25	0.00
SMUD PV 1	2013	9	18.65	6.72	0.00	0.00	9.69	8.95	0.00
SMUD PV 1	2013	10	11.79	1.76	0.00	0.00	2.54	9.25	0.00
SMUD PV 1	2013	11	9.64	0.48	0.00	0.00	0.69	8.95	0.00
SMUD PV 1	2013	12	9.39	0.10	0.00	0.00	0.14	9.25	0.00
SMUD Solano Wi 2	2013		794.42	286.05	0.00	0.00	0.00	794.42	0.00
SMUD Solano Wi 2	2013	1	67.47	2.49	0.00	0.00	0.00	67.47	0.00
SMUD Solano Wi 2	2013	2	60.94	3.69	0.00	0.00	0.00	60.94	0.00
SMUD Solano Wi 2	2013	3	67.47	15.02	0.00	0.00	0.00	67.47	0.00
SMUD Solano Wi 2	2013	4	65.30	21.35	0.00	0.00	0.00	65.30	0.00
SMUD Solano Wi 2	2013	5	67.47	32.80	0.00	0.00	0.00	67.47	0.00
SMUD Solano Wi 2	2013	6	65.30	47.65	0.00	0.00	0.00	65.30	0.00
SMUD Solano Wi 2	2013	7	67.47	47.95	0.00	0.00	0.00	67.47	0.00
SMUD Solano Wi 2	2013	8	67.47	46.41	0.00	0.00	0.00	67.47	0.00
SMUD Solano Wi 2	2013	9	65.30	35.23	0.00	0.00	0.00	65.30	0.00
SMUD Solano Wi 2	2013	10	67.47	21.06	0.00	0.00	0.00	67.47	0.00
SMUD Solano Wi 2	2013	11	65.30	6.39	0.00	0.00	0.00	65.30	0.00
SMUD Solano Wi 2	2013	12	67.47	6.00	0.00	0.00	0.00	67.47	0.00
Snohomish	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2013		54,261.08	1,080.31	51,013.71	4.88	-1,147.11	4,388.92	0.66
SPA Campbell C 1	2013	1	4,481.02	82.75	4,195.63	0.45	-87.87	372.76	0.05

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
SPA Campbell C 1	2013	2	3,768.03	72.61	3,508.02	0.38	-77.10	336.68	0.04
SPA Campbell C 1	2013	3	4,167.03	83.51	3,882.48	0.41	-88.67	372.76	0.05
SPA Campbell C 1	2013	4	3,656.36	74.78	3,374.60	0.38	-79.40	360.73	0.05
SPA Campbell C 1	2013	5	4,235.61	89.26	3,957.19	0.39	-94.78	372.76	0.05
SPA Campbell C 1	2013	6	4,447.74	95.20	4,187.66	0.37	-101.08	360.73	0.06
SPA Campbell C 1	2013	7	4,697.04	99.93	4,429.94	0.39	-106.11	372.76	0.06
SPA Campbell C 1	2013	8	4,914.01	103.05	4,650.21	0.40	-109.42	372.76	0.06
SPA Campbell C 1	2013	9	4,883.62	99.80	4,628.40	0.39	-105.97	360.73	0.06
SPA Campbell C 1	2013	10	4,826.44	94.47	4,553.51	0.42	-100.31	372.76	0.06
SPA Campbell C 1	2013	11	4,678.65	87.17	4,409.99	0.43	-92.56	360.73	0.05
SPA Campbell C 1	2013	12	5,505.54	97.79	5,236.08	0.47	-103.83	372.76	0.06
Union Valley	2013		816.27	118.30	816.27	0.00	0.00	0.00	0.00
Union Valley	2013	1	42.78	6.20	42.78	0.00	0.00	0.00	0.00
Union Valley	2013	2	51.75	7.50	51.75	0.00	0.00	0.00	0.00
Union Valley	2013	3	71.76	10.40	71.76	0.00	0.00	0.00	0.00
Union Valley	2013	4	67.62	9.80	67.62	0.00	0.00	0.00	0.00
Union Valley	2013	5	86.94	12.60	86.94	0.00	0.00	0.00	0.00
Union Valley	2013	6	89.70	13.00	89.70	0.00	0.00	0.00	0.00
Union Valley	2013	7	89.70	13.00	89.70	0.00	0.00	0.00	0.00
Union Valley	2013	8	103.50	15.00	103.50	0.00	0.00	0.00	0.00
Union Valley	2013	9	88.32	12.80	88.32	0.00	0.00	0.00	0.00
Union Valley	2013	10	33.81	4.90	33.81	0.00	0.00	0.00	0.00
Union Valley	2013	11	37.95	5.50	37.95	0.00	0.00	0.00	0.00
Union Valley	2013	12	52.44	7.60	52.44	0.00	0.00	0.00	0.00
WAPA 1	2013		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2013	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2013		7,796.80	1,129.97	7,796.80	0.00	0.00	0.00	0.00
WAPA 2	2013	1	486.67	70.53	486.67	0.00	0.00	0.00	0.00
WAPA 2	2013	2	510.51	73.99	510.51	0.00	0.00	0.00	0.00
WAPA 2	2013	3	523.11	75.81	523.11	0.00	0.00	0.00	0.00
WAPA 2	2013	4	574.30	83.23	574.30	0.00	0.00	0.00	0.00
WAPA 2	2013	5	781.85	113.31	781.85	0.00	0.00	0.00	0.00
WAPA 2	2013	6	866.42	125.57	866.42	0.00	0.00	0.00	0.00
WAPA 2	2013	7	1,121.69	162.56	1,121.69	0.00	0.00	0.00	0.00
WAPA 2	2013	8	900.95	130.57	900.95	0.00	0.00	0.00	0.00
WAPA 2	2013	9	716.88	103.90	716.88	0.00	0.00	0.00	0.00
WAPA 2	2013	10	499.50	72.39	499.50	0.00	0.00	0.00	0.00
WAPA 2	2013	11	363.16	52.63	363.16	0.00	0.00	0.00	0.00
WAPA 2	2013	12	451.76	65.47	451.76	0.00	0.00	0.00	0.00
White Rock	2013		3,763.26	545.40	3,763.26	0.00	0.00	0.00	0.00
White Rock	2013	1	296.01	42.90	296.01	0.00	0.00	0.00	0.00
White Rock	2013	2	323.61	46.90	323.61	0.00	0.00	0.00	0.00
White Rock	2013	3	475.41	68.90	475.41	0.00	0.00	0.00	0.00
White Rock	2013	4	494.73	71.70	494.73	0.00	0.00	0.00	0.00
White Rock	2013	5	570.63	82.70	570.63	0.00	0.00	0.00	0.00
White Rock	2013	6	430.56	62.40	430.56	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
White Rock	2013	7	282.90	41.00	282.90	0.00	0.00	0.00	0.00
White Rock	2013	8	239.43	34.70	239.43	0.00	0.00	0.00	0.00
White Rock	2013	9	209.76	30.40	209.76	0.00	0.00	0.00	0.00
White Rock	2013	10	117.99	17.10	117.99	0.00	0.00	0.00	0.00
White Rock	2013	11	119.37	17.30	119.37	0.00	0.00	0.00	0.00
White Rock	2013	12	202.86	29.40	202.86	0.00	0.00	0.00	0.00
Camino	2014		2,575.88	362.80	2,575.88	0.00	0.00	0.00	0.00
Camino	2014	1	171.11	24.10	171.11	0.00	0.00	0.00	0.00
Camino	2014	2	210.87	29.70	210.87	0.00	0.00	0.00	0.00
Camino	2014	3	283.29	39.90	283.29	0.00	0.00	0.00	0.00
Camino	2014	4	238.56	33.60	238.56	0.00	0.00	0.00	0.00
Camino	2014	5	241.40	34.00	241.40	0.00	0.00	0.00	0.00
Camino	2014	6	235.01	33.10	235.01	0.00	0.00	0.00	0.00
Camino	2014	7	235.72	33.20	235.72	0.00	0.00	0.00	0.00
Camino	2014	8	276.19	38.90	276.19	0.00	0.00	0.00	0.00
Camino	2014	9	246.37	34.70	246.37	0.00	0.00	0.00	0.00
Camino	2014	10	127.09	17.90	127.09	0.00	0.00	0.00	0.00
Camino	2014	11	128.51	18.10	128.51	0.00	0.00	0.00	0.00
Camino	2014	12	181.76	25.60	181.76	0.00	0.00	0.00	0.00
Camp Far West	2014		149.73	21.09	149.73	0.00	0.00	0.00	0.00
Camp Far West	2014	1	12.15	1.71	12.15	0.00	0.00	0.00	0.00
Camp Far West	2014	2	19.56	2.76	19.56	0.00	0.00	0.00	0.00
Camp Far West	2014	3	21.13	2.98	21.13	0.00	0.00	0.00	0.00
Camp Far West	2014	4	17.38	2.45	17.38	0.00	0.00	0.00	0.00
Camp Far West	2014	5	20.07	2.83	20.07	0.00	0.00	0.00	0.00
Camp Far West	2014	6	19.43	2.74	19.43	0.00	0.00	0.00	0.00
Camp Far West	2014	7	15.85	2.23	15.85	0.00	0.00	0.00	0.00
Camp Far West	2014	8	13.73	1.93	13.73	0.00	0.00	0.00	0.00
Camp Far West	2014	9	2.04	0.29	2.04	0.00	0.00	0.00	0.00
Camp Far West	2014	10	1.06	0.15	1.06	0.00	0.00	0.00	0.00
Camp Far West	2014	11	2.04	0.29	2.04	0.00	0.00	0.00	0.00
Camp Far West	2014	12	5.28	0.74	5.28	0.00	0.00	0.00	0.00
Carson Ice CGCC	2014		21,966.66	384.31	19,485.73	1.35	625.09	1,854.24	0.25
Carson Ice CGCC	2014	1	1,886.08	30.67	1,678.56	0.13	49.88	157.48	0.02
Carson Ice CGCC	2014	2	1,644.39	28.02	1,456.43	0.11	45.58	142.24	0.02
Carson Ice CGCC	2014	3	1,786.18	31.58	1,577.18	0.12	51.37	157.48	0.02
Carson Ice CGCC	2014	4	1,637.21	29.54	1,436.63	0.11	48.04	152.40	0.02
Carson Ice CGCC	2014	5	1,739.58	32.11	1,529.85	0.00	52.22	157.48	0.02
Carson Ice CGCC	2014	6	1,751.12	32.73	1,545.34	0.11	53.24	152.40	0.02
Carson Ice CGCC	2014	7	1,821.64	33.91	1,608.86	0.12	55.15	157.48	0.02
Carson Ice CGCC	2014	8	1,874.55	34.44	1,660.91	0.12	56.02	157.48	0.02
Carson Ice CGCC	2014	9	1,874.50	33.59	1,667.32	0.12	54.63	152.40	0.02
Carson Ice CGCC	2014	10	1,888.11	32.32	1,677.91	0.13	52.56	157.48	0.02
Carson Ice CGCC	2014	11	1,918.18	31.65	1,714.15	0.13	51.48	152.40	0.02
Carson Ice CGCC	2014	12	2,145.14	33.76	1,932.58	0.14	54.91	157.48	0.02
Carson Ice CGGT	2014		3,952.27	41.29	2,420.64	51.33	146.51	1,333.75	0.03
Carson Ice CGGT	2014	1	113.28	0.00	0.00	0.00	0.00	113.28	0.00
Carson Ice CGGT	2014	2	102.32	0.00	0.00	0.00	0.00	102.32	0.00
Carson Ice CGGT	2014	3	113.28	0.00	0.00	0.00	0.00	113.28	0.00
Carson Ice CGGT	2014	4	109.62	0.00	0.00	0.00	0.00	109.62	0.00
Carson Ice CGGT	2014	5	368.91	4.07	235.70	5.47	14.46	113.28	0.00
Carson Ice CGGT	2014	6	621.58	8.23	472.39	10.37	29.20	109.62	0.01
Carson Ice CGGT	2014	7	756.02	10.27	592.85	13.42	36.46	113.28	0.01
Carson Ice CGGT	2014	8	788.92	10.63	624.26	13.66	37.72	113.28	0.01
Carson Ice CGGT	2014	9	590.01	7.37	445.99	8.23	26.16	109.62	0.01
Carson Ice CGGT	2014	10	113.28	0.00	0.00	0.00	0.00	113.28	0.00
Carson Ice CGGT	2014	11	109.62	0.00	0.00	0.00	0.00	109.62	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Carson Ice CGGT	2014	12	165.43	0.71	49.45	0.19	2.51	113.28	0.00
CDWR_Ex_6x16OnPl	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2014		67,400.47	1,166.16	67,400.47	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	1	11,445.53	198.37	11,445.53	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	2	6,975.97	135.80	6,975.97	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	3	2,658.48	53.87	2,658.48	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	4	2,340.45	56.00	2,340.45	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	5	1,810.95	42.22	1,810.95	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	6	1,586.18	33.27	1,586.18	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	7	3,761.79	62.12	3,761.79	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	8	6,183.82	97.31	6,183.82	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	9	3,813.04	59.74	3,813.04	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	10	6,754.94	119.56	6,754.94	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	11	9,876.81	152.96	9,876.81	0.00	0.00	0.00	0.00
CNP15_Markets p	2014	12	10,192.49	154.92	10,192.49	0.00	0.00	0.00	0.00
CNP15_Markets s	2014		-51,056.84	-744.66	-51,056.84	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	1	-153.54	-2.49	-153.54	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	2	-130.67	-3.02	-130.67	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	3	-968.36	-19.80	-968.36	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	4	-1,291.50	-23.27	-1,291.50	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	5	-6,138.47	-90.63	-6,138.47	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	6	-9,589.67	-129.21	-9,589.67	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	7	-12,105.16	-170.40	-12,105.16	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	8	-8,522.04	-124.32	-8,522.04	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	9	-8,459.15	-125.71	-8,459.15	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	10	-954.54	-18.14	-954.54	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	11	-1,535.18	-22.61	-1,535.18	0.00	0.00	0.00	0.00
CNP15_Markets s	2014	12	-1,208.54	-15.06	-1,208.54	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2014		89,166.11	1,896.37	81,160.71	15.45	6,068.80	1,920.13	1.03
Cosumnes SMUD 1a	2014	1	7,899.04	157.28	7,231.12	1.41	503.34	163.08	0.09
Cosumnes SMUD 1a	2014	2	6,665.35	138.69	6,072.95	1.21	443.82	147.30	0.08
Cosumnes SMUD 1a	2014	3	7,187.07	155.04	6,526.46	1.29	496.16	163.08	0.08
Cosumnes SMUD 1a	2014	4	6,594.40	145.72	5,968.97	1.21	466.33	157.82	0.08
Cosumnes SMUD 1a	2014	5	6,793.58	151.67	6,143.80	1.23	485.38	163.08	0.08
Cosumnes SMUD 1a	2014	6	6,864.01	155.36	6,207.75	1.18	497.17	157.82	0.08
Cosumnes SMUD 1a	2014	7	7,367.80	166.00	6,672.15	1.23	531.25	163.08	0.09
Cosumnes SMUD 1a	2014	8	7,811.43	174.15	7,089.68	1.25	557.33	163.08	0.09
Cosumnes SMUD 1a	2014	9	7,512.78	163.18	6,831.42	1.25	522.21	157.82	0.09
Cosumnes SMUD 1a	2014	10	8,123.06	170.07	7,414.30	1.34	544.25	163.08	0.09
Cosumnes SMUD 1a	2014	11	7,718.79	154.81	7,064.11	1.36	495.41	157.82	0.08
Cosumnes SMUD 1a	2014	12	8,628.79	164.41	7,937.98	1.49	526.15	163.08	0.09
Cosumnes SMUD 1b	2014		89,216.35	1,895.98	81,212.20	15.45	6,067.54	1,920.13	1.03
Cosumnes SMUD 1b	2014	1	7,905.12	157.42	7,236.77	1.41	503.77	163.08	0.09
Cosumnes SMUD 1b	2014	2	6,653.73	138.40	6,062.24	1.21	442.91	147.30	0.08
Cosumnes SMUD 1b	2014	3	7,193.68	155.22	6,532.49	1.29	496.74	163.08	0.08

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3b	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 1	2014		5,868.44	71.12	4,153.99	58.79	881.21	774.45	0.00
GenGT SMUD 1	2014	1	404.11	4.38	278.09	5.92	54.33	65.78	0.00
GenGT SMUD 1	2014	2	312.65	3.40	205.10	6.01	42.13	59.41	0.00
GenGT SMUD 1	2014	3	278.37	2.92	169.72	6.66	36.22	65.78	0.00
GenGT SMUD 1	2014	4	174.86	1.59	89.39	2.17	19.65	63.65	0.00
GenGT SMUD 1	2014	5	359.90	4.30	237.92	2.97	53.23	65.78	0.00
GenGT SMUD 1	2014	6	645.28	8.57	471.11	4.30	106.21	63.65	0.00
GenGT SMUD 1	2014	7	855.00	11.60	641.00	4.45	143.77	65.78	0.00
GenGT SMUD 1	2014	8	791.22	10.50	590.20	5.18	130.05	65.78	0.00
GenGT SMUD 1	2014	9	782.18	10.16	588.36	4.30	125.86	63.65	0.00
GenGT SMUD 1	2014	10	283.08	2.92	175.91	5.18	36.22	65.78	0.00
GenGT SMUD 1	2014	11	334.84	3.51	221.91	5.73	43.55	63.65	0.00
GenGT SMUD 1	2014	12	646.95	7.26	485.26	5.92	90.00	65.78	0.00
GenGT SMUD 10	2014		5,654.41	68.12	3,977.81	58.03	844.12	774.45	0.00
GenGT SMUD 10	2014	1	411.56	4.47	283.70	6.66	55.42	65.78	0.00
GenGT SMUD 10	2014	2	266.78	2.76	166.49	6.68	34.20	59.41	0.00
GenGT SMUD 10	2014	3	267.54	2.79	162.01	5.18	34.57	65.78	0.00
GenGT SMUD 10	2014	4	150.57	1.24	70.06	1.45	15.40	63.65	0.00
GenGT SMUD 10	2014	5	392.92	4.78	264.91	2.97	59.27	65.78	0.00
GenGT SMUD 10	2014	6	642.39	8.53	468.76	4.30	105.68	63.65	0.00
GenGT SMUD 10	2014	7	819.05	11.07	611.64	4.45	137.19	65.78	0.00
GenGT SMUD 10	2014	8	772.98	10.23	575.26	5.18	126.76	65.78	0.00
GenGT SMUD 10	2014	9	704.54	9.04	523.81	5.02	112.05	63.65	0.00
GenGT SMUD 10	2014	10	254.16	2.52	151.92	5.18	31.28	65.78	0.00
GenGT SMUD 10	2014	11	359.31	3.86	243.56	4.30	47.79	63.65	0.00
GenGT SMUD 10	2014	12	612.61	6.82	455.67	6.66	84.51	65.78	0.00
GenGT SMUD 11	2014		5,392.59	64.53	3,764.73	53.78	799.62	774.45	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 11	2014	1	367.91	3.90	247.19	6.66	48.29	65.78	0.00
GenGT SMUD 11	2014	2	248.00	2.52	152.02	5.35	31.23	59.41	0.00
GenGT SMUD 11	2014	3	211.37	1.99	115.72	5.18	24.69	65.78	0.00
GenGT SMUD 11	2014	4	135.12	1.03	57.98	0.74	12.75	63.65	0.00
GenGT SMUD 11	2014	5	329.15	3.85	213.40	2.24	47.74	65.78	0.00
GenGT SMUD 11	2014	6	602.69	7.93	435.78	5.02	98.24	63.65	0.00
GenGT SMUD 11	2014	7	810.07	10.94	604.30	4.45	135.54	65.78	0.00
GenGT SMUD 11	2014	8	784.40	10.41	585.22	4.45	128.96	65.78	0.00
GenGT SMUD 11	2014	9	752.04	9.73	563.54	4.30	120.55	63.65	0.00
GenGT SMUD 11	2014	10	233.40	2.26	135.93	3.71	27.99	65.78	0.00
GenGT SMUD 11	2014	11	336.65	3.56	224.62	4.30	44.08	63.65	0.00
GenGT SMUD 11	2014	12	581.78	6.42	429.04	7.39	79.57	65.78	0.00
GenGT SMUD 12	2014		5,075.33	60.08	3,503.46	52.95	744.46	774.45	0.00
GenGT SMUD 12	2014	1	338.43	3.50	221.91	7.39	43.35	65.78	0.00
GenGT SMUD 12	2014	2	225.40	2.20	132.71	6.01	27.26	59.41	0.00
GenGT SMUD 12	2014	3	195.94	1.82	105.43	2.24	22.50	65.78	0.00
GenGT SMUD 12	2014	4	145.39	1.16	65.23	2.17	14.34	63.65	0.00
GenGT SMUD 12	2014	5	323.15	3.76	208.49	2.24	46.64	65.78	0.00
GenGT SMUD 12	2014	6	585.37	7.67	421.65	5.02	95.06	63.65	0.00
GenGT SMUD 12	2014	7	804.08	10.85	599.41	4.45	134.44	65.78	0.00
GenGT SMUD 12	2014	8	745.63	9.83	552.85	5.18	121.82	65.78	0.00
GenGT SMUD 12	2014	9	586.29	7.37	427.00	4.30	91.34	63.65	0.00
GenGT SMUD 12	2014	10	219.81	2.08	125.27	2.97	25.79	65.78	0.00
GenGT SMUD 12	2014	11	352.13	3.77	238.15	3.59	46.73	63.65	0.00
GenGT SMUD 12	2014	12	553.72	6.07	405.37	7.39	75.18	65.78	0.00
GenGT SMUD 13	2014		4,812.82	56.52	3,287.14	50.86	700.37	774.45	0.00
GenGT SMUD 13	2014	1	294.04	2.92	185.39	6.66	36.22	65.78	0.00
GenGT SMUD 13	2014	2	207.28	1.96	118.24	5.35	24.29	59.41	0.00
GenGT SMUD 13	2014	3	168.60	1.42	82.29	2.97	17.56	65.78	0.00
GenGT SMUD 13	2014	4	118.15	0.77	43.49	1.45	9.56	63.65	0.00
GenGT SMUD 13	2014	5	362.90	4.34	240.38	2.97	53.78	65.78	0.00
GenGT SMUD 13	2014	6	590.43	7.76	426.36	4.30	96.12	63.65	0.00
GenGT SMUD 13	2014	7	708.23	9.43	521.12	4.45	116.88	65.78	0.00
GenGT SMUD 13	2014	8	709.16	9.30	522.97	5.18	115.24	65.78	0.00
GenGT SMUD 13	2014	9	636.81	8.10	469.20	3.59	100.37	63.65	0.00
GenGT SMUD 13	2014	10	213.38	1.99	119.94	2.97	24.69	65.78	0.00
GenGT SMUD 13	2014	11	313.99	3.26	205.67	4.30	40.36	63.65	0.00
GenGT SMUD 13	2014	12	489.84	5.27	352.11	6.66	65.30	65.78	0.00
GenGT SMUD 14	2014		4,650.29	54.40	3,158.15	43.64	674.05	774.45	0.00
GenGT SMUD 14	2014	1	253.75	2.39	151.68	6.66	29.63	65.78	0.00
GenGT SMUD 14	2014	2	171.05	1.48	89.28	4.02	18.34	59.41	0.00
GenGT SMUD 14	2014	3	122.71	0.80	46.29	0.76	9.88	65.78	0.00
GenGT SMUD 14	2014	4	101.99	0.56	31.41	0.03	6.90	63.65	0.00
GenGT SMUD 14	2014	5	332.15	3.90	215.85	2.24	48.29	65.78	0.00
GenGT SMUD 14	2014	6	560.86	7.33	402.80	3.59	90.81	63.65	0.00
GenGT SMUD 14	2014	7	792.10	10.67	589.62	4.45	132.25	65.78	0.00
GenGT SMUD 14	2014	8	726.66	9.57	537.91	4.45	118.53	65.78	0.00
GenGT SMUD 14	2014	9	583.99	7.33	424.51	5.02	90.81	63.65	0.00
GenGT SMUD 14	2014	10	196.57	1.77	106.61	2.24	21.95	65.78	0.00
GenGT SMUD 14	2014	11	334.13	3.51	221.91	5.02	43.55	63.65	0.00
GenGT SMUD 14	2014	12	474.34	5.09	340.27	5.18	63.11	65.78	0.00
GenGT SMUD 15	2014		4,363.68	50.37	2,919.39	45.73	624.11	774.45	0.00
GenGT SMUD 15	2014	1	269.80	2.61	165.73	5.92	32.38	65.78	0.00
GenGT SMUD 15	2014	2	163.65	1.36	82.04	5.35	16.85	59.41	0.00
GenGT SMUD 15	2014	3	98.48	0.44	25.72	1.50	5.49	65.78	0.00
GenGT SMUD 15	2014	4	87.26	0.34	19.33	0.03	4.25	63.65	0.00
GenGT SMUD 15	2014	5	326.15	3.81	210.94	2.24	47.19	65.78	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 19	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 2	2014		3,474.54	38.51	2,193.50	29.46	477.13	774.45	0.00
GenGT SMUD 2	2014	1	111.66	0.58	36.52	2.24	7.13	65.78	0.00
GenGT SMUD 2	2014	2	71.07	0.16	9.65	0.03	1.98	59.41	0.00
GenGT SMUD 2	2014	3	95.36	0.40	23.14	1.50	4.94	65.78	0.00
GenGT SMUD 2	2014	4	66.63	0.04	2.42	0.03	0.53	63.65	0.00
GenGT SMUD 2	2014	5	308.88	3.54	196.23	2.97	43.90	65.78	0.00
GenGT SMUD 2	2014	6	517.56	6.69	367.47	3.59	82.84	63.65	0.00
GenGT SMUD 2	2014	7	630.35	8.28	457.51	4.45	102.62	65.78	0.00
GenGT SMUD 2	2014	8	632.45	8.19	460.71	4.45	101.52	65.78	0.00
GenGT SMUD 2	2014	9	523.01	6.47	374.86	4.30	80.19	63.65	0.00
GenGT SMUD 2	2014	10	141.93	1.02	61.30	2.24	12.62	65.78	0.00
GenGT SMUD 2	2014	11	185.60	1.59	100.13	2.17	19.65	63.65	0.00
GenGT SMUD 2	2014	12	190.04	1.55	103.56	1.50	19.21	65.78	0.00
GenGT SMUD 20	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 25	2014		3,300.28	36.18	2,050.21	27.24	448.37	774.45	0.00
GenGT SMUD 25	2014	1	111.66	0.58	36.52	2.24	7.13	65.78	0.00
GenGT SMUD 25	2014	2	71.07	0.16	9.65	0.03	1.98	59.41	0.00
GenGT SMUD 25	2014	3	72.78	0.09	5.14	0.76	1.10	65.78	0.00
GenGT SMUD 25	2014	4	63.65	0.00	0.00	0.00	0.00	63.65	0.00
GenGT SMUD 25	2014	5	317.88	3.68	203.58	2.97	45.55	65.78	0.00
GenGT SMUD 25	2014	6	459.82	5.83	320.36	3.59	72.22	63.65	0.00
GenGT SMUD 25	2014	7	696.25	9.26	511.33	4.45	114.69	65.78	0.00
GenGT SMUD 25	2014	8	626.37	8.10	455.73	4.45	100.42	65.78	0.00
GenGT SMUD 25	2014	9	449.97	5.44	315.28	3.59	67.44	63.65	0.00
GenGT SMUD 25	2014	10	134.77	0.93	55.97	1.50	11.52	65.78	0.00
GenGT SMUD 25	2014	11	172.65	1.41	89.31	2.17	17.52	63.65	0.00
GenGT SMUD 25	2014	12	123.40	0.71	47.34	1.50	8.78	65.78	0.00
GenGT SMUD 26	2014		3,299.02	36.20	2,053.92	22.11	448.54	774.45	0.00
GenGT SMUD 26	2014	1	103.47	0.49	30.90	0.76	6.04	65.78	0.00
GenGT SMUD 26	2014	2	68.16	0.12	7.24	0.03	1.49	59.41	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 36	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 36	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 37	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 38	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 39	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 4	2014		2,933.78	31.24	1,753.77	18.42	387.14	774.45	0.00
GenGT SMUD 4	2014	1	72.52	0.09	5.62	0.03	1.10	65.78	0.00
GenGT SMUD 4	2014	2	62.34	0.04	2.41	0.03	0.50	59.41	0.00
GenGT SMUD 4	2014	3	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 4	2014	4	63.65	0.00	0.00	0.00	0.00	63.65	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 43	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2014		2,861.45	30.07	1,697.41	17.00	372.59	774.45	0.00
GenGT SMUD 45	2014	1	72.52	0.09	5.62	0.03	1.10	65.78	0.00
GenGT SMUD 45	2014	2	59.41	0.00	0.00	0.00	0.00	59.41	0.00
GenGT SMUD 45	2014	3	68.92	0.04	2.57	0.03	0.55	65.78	0.00
GenGT SMUD 45	2014	4	63.65	0.00	0.00	0.00	0.00	63.65	0.00
GenGT SMUD 45	2014	5	166.33	1.46	80.94	1.50	18.11	65.78	0.00
GenGT SMUD 45	2014	6	425.18	5.31	292.09	3.59	65.85	63.65	0.00
GenGT SMUD 45	2014	7	693.25	9.21	508.89	4.45	114.14	65.78	0.00
GenGT SMUD 45	2014	8	501.77	6.29	353.62	4.45	77.92	65.78	0.00
GenGT SMUD 45	2014	9	491.45	6.04	350.04	2.88	74.88	63.65	0.00
GenGT SMUD 45	2014	10	88.30	0.31	18.66	0.03	3.84	65.78	0.00
GenGT SMUD 45	2014	11	112.24	0.64	40.59	0.03	7.97	63.65	0.00
GenGT SMUD 45	2014	12	118.42	0.66	44.38	0.03	8.23	65.78	0.00
GenGT SMUD 46	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2014		2,797.36	29.21	1,642.56	18.42	361.93	774.45	0.00
GenGT SMUD 5	2014	1	69.16	0.04	2.81	0.03	0.55	65.78	0.00
GenGT SMUD 5	2014	2	59.41	0.00	0.00	0.00	0.00	59.41	0.00
GenGT SMUD 5	2014	3	68.92	0.04	2.57	0.03	0.55	65.78	0.00
GenGT SMUD 5	2014	4	63.65	0.00	0.00	0.00	0.00	63.65	0.00
GenGT SMUD 5	2014	5	194.08	1.86	103.02	2.24	23.05	65.78	0.00
GenGT SMUD 5	2014	6	432.55	5.42	298.10	3.59	67.20	63.65	0.00
GenGT SMUD 5	2014	7	685.97	9.10	502.94	4.45	112.81	65.78	0.00
GenGT SMUD 5	2014	8	490.35	6.11	343.66	5.18	75.73	65.78	0.00
GenGT SMUD 5	2014	9	485.42	5.96	345.07	2.88	73.82	63.65	0.00
GenGT SMUD 5	2014	10	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 5	2014	11	63.65	0.00	0.00	0.00	0.00	63.65	0.00
GenGT SMUD 5	2014	12	118.42	0.66	44.38	0.03	8.23	65.78	0.00
GenGT SMUD 6	2014		2,663.12	27.22	1,533.68	17.66	337.33	774.45	0.00
GenGT SMUD 6	2014	1	65.78	0.00	0.00	0.00	0.00	65.78	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 6	2014	2	59.41	0.00	0.00	0.00	0.00	59.41	0.00
GenGT SMUD 6	2014	3	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 6	2014	4	63.65	0.00	0.00	0.00	0.00	63.65	0.00
GenGT SMUD 6	2014	5	180.53	1.67	92.55	1.50	20.71	65.78	0.00
GenGT SMUD 6	2014	6	404.98	5.01	275.60	3.59	62.13	63.65	0.00
GenGT SMUD 6	2014	7	656.32	8.67	478.72	4.45	107.37	65.78	0.00
GenGT SMUD 6	2014	8	484.27	6.02	338.68	5.18	74.63	65.78	0.00
GenGT SMUD 6	2014	9	385.97	4.54	263.15	2.88	56.29	63.65	0.00
GenGT SMUD 6	2014	10	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 6	2014	11	112.24	0.64	40.59	0.03	7.97	63.65	0.00
GenGT SMUD 6	2014	12	118.42	0.66	44.38	0.03	8.23	65.78	0.00
GenGT SMUD 7	2014		2,428.67	23.90	1,342.66	15.44	296.12	774.45	0.00
GenGT SMUD 7	2014	1	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 7	2014	2	59.41	0.00	0.00	0.00	0.00	59.41	0.00
GenGT SMUD 7	2014	3	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 7	2014	4	63.65	0.00	0.00	0.00	0.00	63.65	0.00
GenGT SMUD 7	2014	5	133.31	0.97	53.96	1.50	12.07	65.78	0.00
GenGT SMUD 7	2014	6	371.70	4.52	248.45	3.59	56.01	63.65	0.00
GenGT SMUD 7	2014	7	600.10	7.83	432.80	4.45	97.07	65.78	0.00
GenGT SMUD 7	2014	8	397.70	4.78	268.95	3.71	59.27	65.78	0.00
GenGT SMUD 7	2014	9	427.45	5.14	297.90	2.17	63.73	63.65	0.00
GenGT SMUD 7	2014	10	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 7	2014	11	112.24	0.64	40.59	0.03	7.97	63.65	0.00
GenGT SMUD 7	2014	12	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 8	2014		2,360.40	22.95	1,286.81	14.70	284.43	774.45	0.00
GenGT SMUD 8	2014	1	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 8	2014	2	59.41	0.00	0.00	0.00	0.00	59.41	0.00
GenGT SMUD 8	2014	3	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 8	2014	4	63.65	0.00	0.00	0.00	0.00	63.65	0.00
GenGT SMUD 8	2014	5	133.31	0.97	53.96	1.50	12.07	65.78	0.00
GenGT SMUD 8	2014	6	311.89	3.64	200.22	2.88	45.14	63.65	0.00
GenGT SMUD 8	2014	7	555.08	7.17	396.03	4.45	88.83	65.78	0.00
GenGT SMUD 8	2014	8	488.88	6.11	343.66	3.71	75.73	65.78	0.00
GenGT SMUD 8	2014	9	421.42	5.06	292.94	2.17	62.66	63.65	0.00
GenGT SMUD 8	2014	10	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 8	2014	11	63.65	0.00	0.00	0.00	0.00	63.65	0.00
GenGT SMUD 8	2014	12	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 9	2014		2,275.96	21.56	1,221.07	13.28	267.15	774.45	0.00
GenGT SMUD 9	2014	1	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 9	2014	2	59.41	0.00	0.00	0.00	0.00	59.41	0.00
GenGT SMUD 9	2014	3	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 9	2014	4	63.65	0.00	0.00	0.00	0.00	63.65	0.00
GenGT SMUD 9	2014	5	109.66	0.64	35.24	0.76	7.88	65.78	0.00
GenGT SMUD 9	2014	6	277.07	3.13	171.81	2.88	38.73	63.65	0.00
GenGT SMUD 9	2014	7	510.54	6.51	359.65	4.45	80.67	65.78	0.00
GenGT SMUD 9	2014	8	421.28	5.14	288.88	2.97	63.66	65.78	0.00
GenGT SMUD 9	2014	9	406.35	4.84	280.53	2.17	60.01	63.65	0.00
GenGT SMUD 9	2014	10	65.78	0.00	0.00	0.00	0.00	65.78	0.00
GenGT SMUD 9	2014	11	112.24	0.64	40.59	0.03	7.97	63.65	0.00
GenGT SMUD 9	2014	12	118.42	0.66	44.38	0.03	8.23	65.78	0.00
Jaybird	2014		3,777.91	532.10	3,777.91	0.00	0.00	0.00	0.00
Jaybird	2014	1	249.21	35.10	249.21	0.00	0.00	0.00	0.00
Jaybird	2014	2	279.03	39.30	279.03	0.00	0.00	0.00	0.00
Jaybird	2014	3	372.04	52.40	372.04	0.00	0.00	0.00	0.00
Jaybird	2014	4	323.05	45.50	323.05	0.00	0.00	0.00	0.00
Jaybird	2014	5	355.00	50.00	355.00	0.00	0.00	0.00	0.00
Jaybird	2014	6	350.74	49.40	350.74	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy4_Wind	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2014		3,647.56	54.42	2,967.45	83.22	315.90	280.95	0.04
Procter & G GT 1	2014	1	23.86	0.00	0.00	0.00	0.00	23.86	0.00
Procter & G GT 1	2014	2	21.55	0.00	0.00	0.00	0.00	21.55	0.00
Procter & G GT 1	2014	3	23.86	0.00	0.00	0.00	0.00	23.86	0.00
Procter & G GT 1	2014	4	23.09	0.00	0.00	0.00	0.00	23.09	0.00
Procter & G GT 1	2014	5	396.21	6.04	325.86	11.42	35.06	23.86	0.00
Procter & G GT 1	2014	6	630.72	9.99	535.03	14.58	58.01	23.09	0.01
Procter & G GT 1	2014	7	892.62	14.19	763.73	22.64	82.39	23.86	0.01
Procter & G GT 1	2014	8	857.54	13.45	736.40	19.23	78.05	23.86	0.01
Procter & G GT 1	2014	9	707.28	10.75	606.43	15.36	62.39	23.09	0.01
Procter & G GT 1	2014	10	23.86	0.00	0.00	0.00	0.00	23.86	0.00
Procter & G GT 1	2014	11	23.09	0.00	0.00	0.00	0.00	23.09	0.00
Procter & G GT 1	2014	12	23.86	0.00	0.00	0.00	0.00	23.86	0.00
Robbs Peak	2014		348.61	49.10	348.61	0.00	0.00	0.00	0.00
Robbs Peak	2014	1	25.56	3.60	25.56	0.00	0.00	0.00	0.00
Robbs Peak	2014	2	38.34	5.40	38.34	0.00	0.00	0.00	0.00
Robbs Peak	2014	3	47.57	6.70	47.57	0.00	0.00	0.00	0.00
Robbs Peak	2014	4	51.12	7.20	51.12	0.00	0.00	0.00	0.00
Robbs Peak	2014	5	51.12	7.20	51.12	0.00	0.00	0.00	0.00
Robbs Peak	2014	6	39.76	5.60	39.76	0.00	0.00	0.00	0.00
Robbs Peak	2014	7	26.98	3.80	26.98	0.00	0.00	0.00	0.00
Robbs Peak	2014	8	22.72	3.20	22.72	0.00	0.00	0.00	0.00
Robbs Peak	2014	9	10.65	1.50	10.65	0.00	0.00	0.00	0.00
Robbs Peak	2014	10	9.23	1.30	9.23	0.00	0.00	0.00	0.00
Robbs Peak	2014	11	7.81	1.10	7.81	0.00	0.00	0.00	0.00
Robbs Peak	2014	12	17.75	2.50	17.75	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2014		40,087.06	702.22	36,419.79	6.17	-1,589.72	5,250.36	0.46
SCA P&G Cogen 1	2014	1	3,354.10	54.31	3,030.52	0.56	-122.94	445.92	0.04
SCA P&G Cogen 1	2014	2	2,628.66	43.80	2,324.54	0.48	-99.15	402.77	0.03
SCA P&G Cogen 1	2014	3	3,232.88	57.07	2,915.60	0.52	-129.20	445.92	0.04
SCA P&G Cogen 1	2014	4	2,895.32	52.04	2,581.07	0.48	-117.81	431.54	0.03
SCA P&G Cogen 1	2014	5	3,128.14	57.71	2,812.35	0.49	-130.65	445.92	0.04
SCA P&G Cogen 1	2014	6	3,299.69	62.21	3,008.48	0.47	-140.84	431.54	0.04
SCA P&G Cogen 1	2014	7	3,442.60	64.65	3,142.52	0.49	-146.37	445.92	0.04
SCA P&G Cogen 1	2014	8	3,585.25	66.49	3,289.30	0.50	-150.51	445.92	0.04
SCA P&G Cogen 1	2014	9	3,548.18	63.99	3,260.96	0.50	-144.85	431.54	0.04
SCA P&G Cogen 1	2014	10	3,400.05	58.27	3,085.48	0.53	-131.92	445.92	0.04
SCA P&G Cogen 1	2014	11	3,470.12	57.01	3,167.05	0.54	-129.05	431.54	0.04
SCA P&G Cogen 1	2014	12	4,102.07	64.68	3,801.93	0.59	-146.42	445.92	0.04
Slab Creek	2014		9.34	1.32	9.34	0.00	0.00	0.00	0.00
Slab Creek	2014	1	0.53	0.07	0.53	0.00	0.00	0.00	0.00
Slab Creek	2014	2	0.48	0.07	0.48	0.00	0.00	0.00	0.00
Slab Creek	2014	3	0.53	0.07	0.53	0.00	0.00	0.00	0.00
Slab Creek	2014	4	0.51	0.07	0.51	0.00	0.00	0.00	0.00
Slab Creek	2014	5	0.53	0.07	0.53	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Slab Creek	2014	6	1.02	0.14	1.02	0.00	0.00	0.00	0.00
Slab Creek	2014	7	1.06	0.15	1.06	0.00	0.00	0.00	0.00
Slab Creek	2014	8	1.06	0.15	1.06	0.00	0.00	0.00	0.00
Slab Creek	2014	9	1.02	0.14	1.02	0.00	0.00	0.00	0.00
Slab Creek	2014	10	1.06	0.15	1.06	0.00	0.00	0.00	0.00
Slab Creek	2014	11	1.02	0.14	1.02	0.00	0.00	0.00	0.00
Slab Creek	2014	12	0.53	0.07	0.53	0.00	0.00	0.00	0.00
SMUD PV 1	2014		176.71	44.00	0.00	0.00	65.07	111.64	0.00
SMUD PV 1	2014	1	9.63	0.10	0.00	0.00	0.15	9.48	0.00
SMUD PV 1	2014	2	9.16	0.40	0.00	0.00	0.60	8.56	0.00
SMUD PV 1	2014	3	11.68	1.49	0.00	0.00	2.20	9.48	0.00
SMUD PV 1	2014	4	13.68	3.05	0.00	0.00	4.51	9.18	0.00
SMUD PV 1	2014	5	15.72	4.22	0.00	0.00	6.23	9.48	0.00
SMUD PV 1	2014	6	21.99	8.66	0.00	0.00	12.81	9.18	0.00
SMUD PV 1	2014	7	22.15	8.57	0.00	0.00	12.67	9.48	0.00
SMUD PV 1	2014	8	21.36	8.04	0.00	0.00	11.88	9.48	0.00
SMUD PV 1	2014	9	19.57	7.03	0.00	0.00	10.40	9.18	0.00
SMUD PV 1	2014	10	12.20	1.84	0.00	0.00	2.71	9.48	0.00
SMUD PV 1	2014	11	9.92	0.50	0.00	0.00	0.75	9.18	0.00
SMUD PV 1	2014	12	9.65	0.11	0.00	0.00	0.17	9.48	0.00
SMUD Solano Wi 2	2014		814.28	286.05	0.00	0.00	0.00	814.28	0.00
SMUD Solano Wi 2	2014	1	69.16	2.49	0.00	0.00	0.00	69.16	0.00
SMUD Solano Wi 2	2014	2	62.47	3.69	0.00	0.00	0.00	62.47	0.00
SMUD Solano Wi 2	2014	3	69.16	15.02	0.00	0.00	0.00	69.16	0.00
SMUD Solano Wi 2	2014	4	66.93	21.35	0.00	0.00	0.00	66.93	0.00
SMUD Solano Wi 2	2014	5	69.16	32.80	0.00	0.00	0.00	69.16	0.00
SMUD Solano Wi 2	2014	6	66.93	47.65	0.00	0.00	0.00	66.93	0.00
SMUD Solano Wi 2	2014	7	69.16	47.95	0.00	0.00	0.00	69.16	0.00
SMUD Solano Wi 2	2014	8	69.16	46.41	0.00	0.00	0.00	69.16	0.00
SMUD Solano Wi 2	2014	9	66.93	35.23	0.00	0.00	0.00	66.93	0.00
SMUD Solano Wi 2	2014	10	69.16	21.06	0.00	0.00	0.00	69.16	0.00
SMUD Solano Wi 2	2014	11	66.93	6.39	0.00	0.00	0.00	66.93	0.00
SMUD Solano Wi 2	2014	12	69.16	6.00	0.00	0.00	0.00	69.16	0.00
Snohomish	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2014		56,783.80	1,105.06	53,482.20	5.01	-1,202.73	4,498.65	0.68
SPA Campbell C 1	2014	1	4,782.51	86.26	4,493.81	0.46	-93.88	382.08	0.05
SPA Campbell C 1	2014	2	3,983.62	75.07	3,719.79	0.39	-81.71	345.10	0.05
SPA Campbell C 1	2014	3	4,441.46	87.09	4,153.70	0.42	-94.79	382.08	0.05
SPA Campbell C 1	2014	4	4,075.37	81.95	3,794.36	0.39	-89.19	369.75	0.05
SPA Campbell C 1	2014	5	4,466.60	91.97	4,184.17	0.40	-100.10	382.08	0.06
SPA Campbell C 1	2014	6	4,680.53	97.84	4,416.82	0.38	-106.48	369.75	0.06
SPA Campbell C 1	2014	7	4,932.36	102.73	4,661.63	0.40	-111.81	382.08	0.06
SPA Campbell C 1	2014	8	5,012.30	102.66	4,741.48	0.41	-111.73	382.08	0.06
SPA Campbell C 1	2014	9	5,041.37	100.48	4,780.51	0.40	-109.36	369.75	0.06
SPA Campbell C 1	2014	10	4,912.07	93.69	4,631.48	0.43	-101.97	382.08	0.06

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
SPA Campbell C 1	2014	11	4,855.02	88.32	4,580.91	0.44	-96.13	369.75	0.05
SPA Campbell C 1	2014	12	5,600.58	97.01	5,323.54	0.48	-105.58	382.08	0.06
Union Valley	2014		839.93	118.30	839.93	0.00	0.00	0.00	0.00
Union Valley	2014	1	44.02	6.20	44.02	0.00	0.00	0.00	0.00
Union Valley	2014	2	53.25	7.50	53.25	0.00	0.00	0.00	0.00
Union Valley	2014	3	73.84	10.40	73.84	0.00	0.00	0.00	0.00
Union Valley	2014	4	69.58	9.80	69.58	0.00	0.00	0.00	0.00
Union Valley	2014	5	89.46	12.60	89.46	0.00	0.00	0.00	0.00
Union Valley	2014	6	92.30	13.00	92.30	0.00	0.00	0.00	0.00
Union Valley	2014	7	92.30	13.00	92.30	0.00	0.00	0.00	0.00
Union Valley	2014	8	106.50	15.00	106.50	0.00	0.00	0.00	0.00
Union Valley	2014	9	90.88	12.80	90.88	0.00	0.00	0.00	0.00
Union Valley	2014	10	34.79	4.90	34.79	0.00	0.00	0.00	0.00
Union Valley	2014	11	39.05	5.50	39.05	0.00	0.00	0.00	0.00
Union Valley	2014	12	53.96	7.60	53.96	0.00	0.00	0.00	0.00
WAPA 1	2014		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2014	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2014		8,022.78	1,129.97	8,022.78	0.00	0.00	0.00	0.00
WAPA 2	2014	1	500.77	70.53	500.77	0.00	0.00	0.00	0.00
WAPA 2	2014	2	525.31	73.99	525.31	0.00	0.00	0.00	0.00
WAPA 2	2014	3	538.28	75.81	538.28	0.00	0.00	0.00	0.00
WAPA 2	2014	4	590.95	83.23	590.95	0.00	0.00	0.00	0.00
WAPA 2	2014	5	804.51	113.31	804.51	0.00	0.00	0.00	0.00
WAPA 2	2014	6	891.53	125.57	891.53	0.00	0.00	0.00	0.00
WAPA 2	2014	7	1,154.20	162.56	1,154.20	0.00	0.00	0.00	0.00
WAPA 2	2014	8	927.06	130.57	927.06	0.00	0.00	0.00	0.00
WAPA 2	2014	9	737.66	103.90	737.66	0.00	0.00	0.00	0.00
WAPA 2	2014	10	513.98	72.39	513.98	0.00	0.00	0.00	0.00
WAPA 2	2014	11	373.69	52.63	373.69	0.00	0.00	0.00	0.00
WAPA 2	2014	12	464.85	65.47	464.85	0.00	0.00	0.00	0.00
White Rock	2014		3,872.34	545.40	3,872.34	0.00	0.00	0.00	0.00
White Rock	2014	1	304.59	42.90	304.59	0.00	0.00	0.00	0.00
White Rock	2014	2	332.99	46.90	332.99	0.00	0.00	0.00	0.00
White Rock	2014	3	489.19	68.90	489.19	0.00	0.00	0.00	0.00
White Rock	2014	4	509.07	71.70	509.07	0.00	0.00	0.00	0.00
White Rock	2014	5	587.17	82.70	587.17	0.00	0.00	0.00	0.00
White Rock	2014	6	443.04	62.40	443.04	0.00	0.00	0.00	0.00
White Rock	2014	7	291.10	41.00	291.10	0.00	0.00	0.00	0.00
White Rock	2014	8	246.37	34.70	246.37	0.00	0.00	0.00	0.00
White Rock	2014	9	215.84	30.40	215.84	0.00	0.00	0.00	0.00
White Rock	2014	10	121.41	17.10	121.41	0.00	0.00	0.00	0.00
White Rock	2014	11	122.83	17.30	122.83	0.00	0.00	0.00	0.00
White Rock	2014	12	208.74	29.40	208.74	0.00	0.00	0.00	0.00
Camino	2015		2,612.16	362.80	2,612.16	0.00	0.00	0.00	0.00
Camino	2015	1	173.52	24.10	173.52	0.00	0.00	0.00	0.00
Camino	2015	2	213.84	29.70	213.84	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
CDWR_Ex_6x16OnPl	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2015		88,320.68	1,491.63	88,320.68	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	1	15,344.69	254.96	15,344.69	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	2	8,805.74	159.71	8,805.74	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	3	5,275.54	97.77	5,275.54	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	4	4,085.75	84.08	4,085.75	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	5	2,472.73	49.96	2,472.73	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	6	4,927.29	85.74	4,927.29	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	7	4,187.76	71.36	4,187.76	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	8	4,296.06	67.71	4,296.06	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	9	4,288.01	69.76	4,288.01	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	10	9,947.96	169.02	9,947.96	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	11	11,883.95	188.92	11,883.95	0.00	0.00	0.00	0.00
CNP15_Markets p	2015	12	12,805.21	192.65	12,805.21	0.00	0.00	0.00	0.00
CNP15_Markets s	2015		-79,487.16	-1,027.51	-79,487.16	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	1	-69.00	-1.16	-69.00	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	2	-81.09	-1.84	-81.09	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	3	-397.39	-7.83	-397.39	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	4	-487.47	-10.49	-487.47	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	5	-8,103.30	-111.42	-8,103.30	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	6	-9,191.86	-121.27	-9,191.86	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	7	-18,472.82	-227.61	-18,472.82	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	8	-18,650.11	-247.53	-18,650.11	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	9	-10,702.77	-141.05	-10,702.77	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	10	-789.29	-12.60	-789.29	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	11	-2,737.61	-33.05	-2,737.61	0.00	0.00	0.00	0.00
CNP15_Markets s	2015	12	-9,804.44	-111.67	-9,804.44	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2015		93,426.66	1,921.45	85,138.69	16.02	6,302.78	1,968.13	1.04
Cosumnes SMUD 1a	2015	1	8,192.24	157.86	7,505.73	1.46	517.81	167.16	0.09
Cosumnes SMUD 1a	2015	2	6,967.06	140.03	6,355.43	1.26	459.32	150.98	0.08
Cosumnes SMUD 1a	2015	3	7,453.75	155.53	6,775.02	1.34	510.16	167.16	0.08
Cosumnes SMUD 1a	2015	4	7,031.64	150.40	6,375.20	1.26	493.33	161.76	0.08
Cosumnes SMUD 1a	2015	5	7,511.50	162.47	6,810.06	1.27	532.93	167.16	0.09
Cosumnes SMUD 1a	2015	6	7,355.55	160.85	6,664.84	1.23	527.63	161.76	0.09
Cosumnes SMUD 1a	2015	7	7,500.12	163.39	6,795.65	1.27	535.95	167.16	0.09
Cosumnes SMUD 1a	2015	8	8,146.42	175.48	7,402.25	1.30	575.62	167.16	0.09
Cosumnes SMUD 1a	2015	9	8,125.94	170.46	7,403.63	1.29	559.16	161.76	0.09
Cosumnes SMUD 1a	2015	10	8,339.07	168.52	7,617.64	1.39	552.79	167.16	0.09
Cosumnes SMUD 1a	2015	11	7,941.32	153.61	7,274.19	1.41	503.87	161.76	0.08
Cosumnes SMUD 1a	2015	12	8,862.02	162.86	8,159.02	1.54	534.22	167.16	0.09
Cosumnes SMUD 1b	2015		93,280.04	1,918.59	85,001.45	16.02	6,293.41	1,968.13	1.04
Cosumnes SMUD 1b	2015	1	8,143.59	157.03	7,459.80	1.46	515.08	167.16	0.08
Cosumnes SMUD 1b	2015	2	6,943.46	139.47	6,333.65	1.26	457.49	150.98	0.08
Cosumnes SMUD 1b	2015	3	7,204.20	150.24	6,542.81	1.34	492.82	167.16	0.08
Cosumnes SMUD 1b	2015	4	7,057.64	151.04	6,399.09	1.26	495.44	161.76	0.08
Cosumnes SMUD 1b	2015	5	7,542.37	163.19	6,838.54	1.27	535.31	167.16	0.09
Cosumnes SMUD 1b	2015	6	7,439.39	162.52	6,743.22	1.23	533.09	161.76	0.09
Cosumnes SMUD 1b	2015	7	7,775.49	169.28	7,051.70	1.27	555.27	167.16	0.09
Cosumnes SMUD 1b	2015	8	8,054.80	173.49	7,317.17	1.30	569.08	167.16	0.09
Cosumnes SMUD 1b	2015	9	8,125.94	170.46	7,403.63	1.29	559.16	161.76	0.09
Cosumnes SMUD 1b	2015	10	8,168.86	164.96	7,459.10	1.39	541.12	167.16	0.09
Cosumnes SMUD 1b	2015	11	7,941.32	153.61	7,274.19	1.41	503.87	161.76	0.08
Cosumnes SMUD 1b	2015	12	8,882.98	163.30	8,178.52	1.54	535.67	167.16	0.09

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 4a	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2015		4,335.94	48.67	2,898.98	24.97	618.18	793.81	0.00
G1nGT SMUD 33	2015	1	67.42	0.00	0.00	0.00	0.00	67.42	0.00
G1nGT SMUD 33	2015	2	60.90	0.00	0.00	0.00	0.00	60.90	0.00
G1nGT SMUD 33	2015	3	70.67	0.04	2.66	0.03	0.56	67.42	0.00
G1nGT SMUD 33	2015	4	65.24	0.00	0.00	0.00	0.00	65.24	0.00
G1nGT SMUD 33	2015	5	389.81	4.56	261.40	3.05	57.93	67.42	0.00
G1nGT SMUD 33	2015	6	504.41	6.26	356.75	2.95	79.47	65.24	0.00
G1nGT SMUD 33	2015	7	872.63	11.43	654.78	5.31	145.12	67.42	0.00
G1nGT SMUD 33	2015	8	981.09	12.80	746.56	4.56	162.55	67.42	0.00
G1nGT SMUD 33	2015	9	514.28	6.13	368.25	2.95	77.84	65.24	0.00
G1nGT SMUD 33	2015	10	121.44	0.71	44.23	0.78	9.00	67.42	0.00
G1nGT SMUD 33	2015	11	132.30	0.86	56.14	0.03	10.89	65.24	0.00
G1nGT SMUD 33	2015	12	555.75	5.89	408.21	5.31	74.81	67.42	0.00
GenGT SMUD 1	2015		7,664.50	92.68	5,635.53	58.02	1,177.13	793.81	0.00
GenGT SMUD 1	2015	1	443.99	4.74	311.07	5.31	60.18	67.42	0.00
GenGT SMUD 1	2015	2	316.29	3.32	207.75	5.48	42.17	60.90	0.00
GenGT SMUD 1	2015	3	320.94	3.41	204.90	5.31	43.31	67.42	0.00
GenGT SMUD 1	2015	4	252.69	2.57	150.37	4.41	32.66	65.24	0.00
GenGT SMUD 1	2015	5	602.89	7.57	433.98	5.31	96.18	67.42	0.00
GenGT SMUD 1	2015	6	650.02	8.31	474.04	5.14	105.60	65.24	0.00
GenGT SMUD 1	2015	7	1,036.19	13.77	789.28	4.56	174.93	67.42	0.00
GenGT SMUD 1	2015	8	1,135.23	14.97	873.14	4.56	190.12	67.42	0.00
GenGT SMUD 1	2015	9	918.16	11.66	700.44	4.41	148.06	65.24	0.00
GenGT SMUD 1	2015	10	423.90	4.69	293.06	3.80	59.62	67.42	0.00
GenGT SMUD 1	2015	11	612.60	6.94	454.76	4.41	88.18	65.24	0.00
GenGT SMUD 1	2015	12	951.60	10.72	742.75	5.31	136.12	67.42	0.00
GenGT SMUD 10	2015		7,319.88	88.02	5,348.55	59.58	1,117.94	793.81	0.00
GenGT SMUD 10	2015	1	401.60	4.21	276.19	4.56	53.43	67.42	0.00
GenGT SMUD 10	2015	2	307.26	3.20	200.24	5.48	40.64	60.90	0.00
GenGT SMUD 10	2015	3	296.66	3.06	183.61	6.82	38.81	67.42	0.00
GenGT SMUD 10	2015	4	193.27	1.76	102.75	2.95	22.32	65.24	0.00
GenGT SMUD 10	2015	5	574.99	7.17	411.14	5.31	91.12	67.42	0.00
GenGT SMUD 10	2015	6	661.24	8.49	483.81	4.41	107.78	65.24	0.00
GenGT SMUD 10	2015	7	998.99	13.24	758.83	4.56	168.18	67.42	0.00
GenGT SMUD 10	2015	8	1,128.94	14.88	867.97	4.56	188.99	67.42	0.00
GenGT SMUD 10	2015	9	877.60	11.10	666.97	4.41	140.98	65.24	0.00
GenGT SMUD 10	2015	10	391.38	4.25	265.41	4.56	54.00	67.42	0.00
GenGT SMUD 10	2015	11	553.00	6.17	404.23	5.14	78.38	65.24	0.00
GenGT SMUD 10	2015	12	934.95	10.50	727.40	6.82	133.31	67.42	0.00
GenGT SMUD 11	2015		6,991.56	83.52	5,074.47	62.48	1,060.80	793.81	0.00
GenGT SMUD 11	2015	1	389.98	4.03	264.56	6.82	51.19	67.42	0.00
GenGT SMUD 11	2015	2	283.85	2.88	180.21	6.16	36.58	60.90	0.00
GenGT SMUD 11	2015	3	242.82	2.35	141.03	4.56	29.81	67.42	0.00
GenGT SMUD 11	2015	4	215.35	2.06	120.30	3.68	26.13	65.24	0.00
GenGT SMUD 11	2015	5	564.93	7.04	403.52	4.56	89.43	67.42	0.00
GenGT SMUD 11	2015	6	622.40	7.93	452.04	4.41	100.70	65.24	0.00
GenGT SMUD 11	2015	7	986.58	13.06	748.68	4.56	165.93	67.42	0.00
GenGT SMUD 11	2015	8	1,110.06	14.61	852.47	4.56	185.62	67.42	0.00
GenGT SMUD 11	2015	9	766.03	9.56	574.26	5.14	121.39	65.24	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 11	2015	10	365.52	3.90	243.29	5.31	49.50	67.42	0.00
GenGT SMUD 11	2015	11	522.84	5.79	378.97	5.14	73.48	65.24	0.00
GenGT SMUD 11	2015	12	921.18	10.32	715.13	7.58	131.06	67.42	0.00
GenGT SMUD 12	2015		6,607.18	78.34	4,758.02	60.34	995.01	793.81	0.00
GenGT SMUD 12	2015	1	369.17	3.76	247.11	6.82	47.81	67.42	0.00
GenGT SMUD 12	2015	2	250.05	2.44	152.68	5.48	30.99	60.90	0.00
GenGT SMUD 12	2015	3	262.16	2.61	157.00	4.56	33.19	67.42	0.00
GenGT SMUD 12	2015	4	229.14	2.27	132.83	2.22	28.85	65.24	0.00
GenGT SMUD 12	2015	5	512.23	6.29	360.38	4.56	79.87	67.42	0.00
GenGT SMUD 12	2015	6	623.13	7.93	452.04	5.14	100.70	65.24	0.00
GenGT SMUD 12	2015	7	946.28	12.49	715.68	4.56	158.62	67.42	0.00
GenGT SMUD 12	2015	8	1,042.37	13.64	795.64	6.07	173.24	67.42	0.00
GenGT SMUD 12	2015	9	691.16	8.53	512.46	5.14	108.32	65.24	0.00
GenGT SMUD 12	2015	10	304.12	3.10	193.53	3.80	39.37	67.42	0.00
GenGT SMUD 12	2015	11	485.24	5.31	348.09	4.41	67.50	65.24	0.00
GenGT SMUD 12	2015	12	892.13	9.96	690.57	7.58	126.56	67.42	0.00
GenGT SMUD 13	2015		6,521.81	77.31	4,687.40	58.65	981.95	793.81	0.00
GenGT SMUD 13	2015	1	344.12	3.45	226.76	6.07	43.87	67.42	0.00
GenGT SMUD 13	2015	2	248.40	2.40	150.18	6.84	30.48	60.90	0.00
GenGT SMUD 13	2015	3	242.07	2.35	141.03	3.80	29.81	67.42	0.00
GenGT SMUD 13	2015	4	226.79	2.23	130.32	2.92	28.31	65.24	0.00
GenGT SMUD 13	2015	5	495.97	6.07	347.69	3.80	77.06	67.42	0.00
GenGT SMUD 13	2015	6	607.46	7.71	439.83	4.41	97.98	65.24	0.00
GenGT SMUD 13	2015	7	974.18	12.89	738.53	4.56	163.68	67.42	0.00
GenGT SMUD 13	2015	8	1,022.74	13.37	780.14	5.31	169.87	67.42	0.00
GenGT SMUD 13	2015	9	799.62	10.03	602.59	4.41	127.37	65.24	0.00
GenGT SMUD 13	2015	10	264.20	2.57	160.35	3.80	32.62	67.42	0.00
GenGT SMUD 13	2015	11	422.29	4.50	294.75	5.14	57.15	65.24	0.00
GenGT SMUD 13	2015	12	873.97	9.74	675.23	7.58	123.74	67.42	0.00
GenGT SMUD 14	2015		6,191.63	73.10	4,415.02	54.37	928.42	793.81	0.00
GenGT SMUD 14	2015	1	302.49	2.92	191.88	6.07	37.12	67.42	0.00
GenGT SMUD 14	2015	2	201.87	1.80	112.63	5.48	22.86	60.90	0.00
GenGT SMUD 14	2015	3	217.79	1.99	119.75	5.31	25.31	67.42	0.00
GenGT SMUD 14	2015	4	226.09	2.23	130.32	2.22	28.31	65.24	0.00
GenGT SMUD 14	2015	5	516.92	6.38	365.46	3.05	81.00	67.42	0.00
GenGT SMUD 14	2015	6	573.86	7.24	412.95	3.68	91.99	65.24	0.00
GenGT SMUD 14	2015	7	967.98	12.80	733.45	4.56	162.55	67.42	0.00
GenGT SMUD 14	2015	8	1,047.91	13.73	800.81	5.31	174.37	67.42	0.00
GenGT SMUD 14	2015	9	768.42	9.60	576.84	4.41	121.93	65.24	0.00
GenGT SMUD 14	2015	10	222.01	2.04	127.17	1.54	25.87	67.42	0.00
GenGT SMUD 14	2015	11	347.83	3.56	233.00	4.41	45.18	65.24	0.00
GenGT SMUD 14	2015	12	798.46	8.81	610.77	8.33	111.93	67.42	0.00
GenGT SMUD 15	2015		5,794.59	67.74	4,086.09	54.35	860.35	793.81	0.00
GenGT SMUD 15	2015	1	303.24	2.92	191.88	6.82	37.12	67.42	0.00
GenGT SMUD 15	2015	2	177.78	1.48	92.61	5.48	18.80	60.90	0.00
GenGT SMUD 15	2015	3	178.35	1.46	87.81	4.56	18.56	67.42	0.00
GenGT SMUD 15	2015	4	173.50	1.50	87.72	1.49	19.05	65.24	0.00
GenGT SMUD 15	2015	5	430.11	5.14	294.40	3.05	65.25	67.42	0.00
GenGT SMUD 15	2015	6	581.30	7.33	417.84	5.14	93.08	65.24	0.00
GenGT SMUD 15	2015	7	961.78	12.71	728.37	4.56	161.43	67.42	0.00
GenGT SMUD 15	2015	8	1,059.73	13.91	811.14	4.56	176.62	67.42	0.00
GenGT SMUD 15	2015	9	699.79	8.66	520.18	4.41	109.95	65.24	0.00
GenGT SMUD 15	2015	10	212.78	1.90	118.88	2.29	24.19	67.42	0.00
GenGT SMUD 15	2015	11	243.93	2.23	145.97	4.41	28.31	65.24	0.00
GenGT SMUD 15	2015	12	772.28	8.50	589.29	7.58	107.99	67.42	0.00
GenGT SMUD 16	2015		5,754.76	67.40	4,053.53	51.35	856.06	793.81	0.00
GenGT SMUD 16	2015	1	258.89	2.35	154.08	7.58	29.81	67.42	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 16	2015	2	150.68	1.12	70.08	5.48	14.23	60.90	0.00
GenGT SMUD 16	2015	3	180.82	1.51	90.47	3.80	19.12	67.42	0.00
GenGT SMUD 16	2015	4	182.65	1.63	95.24	1.49	20.68	65.24	0.00
GenGT SMUD 16	2015	5	504.52	6.20	355.30	3.05	78.75	67.42	0.00
GenGT SMUD 16	2015	6	545.45	6.81	388.51	5.14	86.55	65.24	0.00
GenGT SMUD 16	2015	7	958.68	12.67	725.84	4.56	160.87	67.42	0.00
GenGT SMUD 16	2015	8	1,059.73	13.91	811.14	4.56	176.62	67.42	0.00
GenGT SMUD 16	2015	9	740.35	9.21	553.66	4.41	117.03	65.24	0.00
GenGT SMUD 16	2015	10	202.80	1.77	110.59	2.29	22.50	67.42	0.00
GenGT SMUD 16	2015	11	280.07	2.70	176.85	3.68	34.29	65.24	0.00
GenGT SMUD 16	2015	12	690.12	7.53	521.77	5.31	95.62	67.42	0.00
GenGT SMUD 17	2015		5,469.93	63.60	3,819.95	48.43	807.75	793.81	0.00
GenGT SMUD 17	2015	1	258.14	2.35	154.08	6.82	29.81	67.42	0.00
GenGT SMUD 17	2015	2	131.94	0.88	55.07	4.80	11.18	60.90	0.00
GenGT SMUD 17	2015	3	151.05	1.11	66.53	3.05	14.06	67.42	0.00
GenGT SMUD 17	2015	4	168.13	1.41	82.70	2.22	17.96	65.24	0.00
GenGT SMUD 17	2015	5	504.52	6.20	355.30	3.05	78.75	67.42	0.00
GenGT SMUD 17	2015	6	557.40	6.99	398.29	5.14	88.73	65.24	0.00
GenGT SMUD 17	2015	7	949.38	12.53	718.22	4.56	159.18	67.42	0.00
GenGT SMUD 17	2015	8	952.78	12.40	723.31	4.56	157.49	67.42	0.00
GenGT SMUD 17	2015	9	702.91	8.70	522.76	4.41	110.50	65.24	0.00
GenGT SMUD 17	2015	10	189.49	1.59	99.53	2.29	20.25	67.42	0.00
GenGT SMUD 17	2015	11	268.55	2.57	168.43	2.22	32.66	65.24	0.00
GenGT SMUD 17	2015	12	635.64	6.86	475.73	5.31	87.18	67.42	0.00
GenGT SMUD 18	2015		5,201.24	60.02	3,598.79	46.29	762.35	793.81	0.00
GenGT SMUD 18	2015	1	194.93	1.55	101.75	6.07	19.69	67.42	0.00
GenGT SMUD 18	2015	2	134.27	0.92	57.57	4.12	11.68	60.90	0.00
GenGT SMUD 18	2015	3	98.72	0.40	23.95	2.29	5.06	67.42	0.00
GenGT SMUD 18	2015	4	136.90	0.99	57.64	1.49	12.52	65.24	0.00
GenGT SMUD 18	2015	5	495.22	6.07	347.69	3.05	77.06	67.42	0.00
GenGT SMUD 18	2015	6	568.62	7.16	408.06	4.41	90.90	65.24	0.00
GenGT SMUD 18	2015	7	949.38	12.53	718.22	4.56	159.18	67.42	0.00
GenGT SMUD 18	2015	8	959.83	12.49	728.48	5.31	158.62	67.42	0.00
GenGT SMUD 18	2015	9	596.12	7.24	435.20	3.68	91.99	65.24	0.00
GenGT SMUD 18	2015	10	186.16	1.55	96.76	2.29	19.69	67.42	0.00
GenGT SMUD 18	2015	11	259.23	2.44	160.01	2.95	31.03	65.24	0.00
GenGT SMUD 18	2015	12	621.87	6.69	463.45	6.07	84.93	67.42	0.00
GenGT SMUD 19	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 19	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 2	2015		4,905.23	56.28	3,358.48	38.16	714.78	793.81	0.00
GenGT SMUD 2	2015	1	200.36	1.64	107.57	4.56	20.81	67.42	0.00
GenGT SMUD 2	2015	2	115.52	0.68	42.55	3.44	8.64	60.90	0.00
GenGT SMUD 2	2015	3	127.74	0.80	47.90	2.29	10.12	67.42	0.00
GenGT SMUD 2	2015	4	121.64	0.77	45.11	1.49	9.80	65.24	0.00
GenGT SMUD 2	2015	5	479.72	5.85	335.00	3.05	74.25	67.42	0.00
GenGT SMUD 2	2015	6	529.05	6.60	376.30	3.68	83.83	65.24	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 2	2015	7	927.68	12.22	700.46	4.56	155.24	67.42	0.00
GenGT SMUD 2	2015	8	1,006.26	13.15	767.22	4.56	167.05	67.42	0.00
GenGT SMUD 2	2015	9	546.21	6.56	394.00	3.68	83.28	65.24	0.00
GenGT SMUD 2	2015	10	148.81	1.06	66.35	1.54	13.50	67.42	0.00
GenGT SMUD 2	2015	11	179.95	1.46	95.44	0.76	18.51	65.24	0.00
GenGT SMUD 2	2015	12	522.31	5.49	380.58	4.56	69.75	67.42	0.00
GenGT SMUD 20	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 20	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 25	2015		4,814.97	54.92	3,288.24	35.43	697.48	793.81	0.00
GenGT SMUD 25	2015	1	157.97	1.11	72.68	3.80	14.06	67.42	0.00
GenGT SMUD 25	2015	2	88.70	0.36	22.53	0.71	4.57	60.90	0.00
GenGT SMUD 25	2015	3	117.31	0.66	39.92	1.54	8.44	67.42	0.00
GenGT SMUD 25	2015	4	78.94	0.17	10.02	1.49	2.18	65.24	0.00
GenGT SMUD 25	2015	5	439.41	5.27	302.01	3.05	66.93	67.42	0.00
GenGT SMUD 25	2015	6	519.35	6.47	368.97	2.95	82.19	65.24	0.00
GenGT SMUD 25	2015	7	924.58	12.18	697.92	4.56	154.68	67.42	0.00
GenGT SMUD 25	2015	8	921.32	11.96	697.48	4.56	151.87	67.42	0.00
GenGT SMUD 25	2015	9	589.88	7.16	430.05	3.68	90.90	65.24	0.00
GenGT SMUD 25	2015	10	162.87	1.24	77.41	2.29	15.75	67.42	0.00
GenGT SMUD 25	2015	11	244.36	2.27	148.78	1.49	28.85	65.24	0.00
GenGT SMUD 25	2015	12	570.27	6.07	420.48	5.31	77.06	67.42	0.00
GenGT SMUD 26	2015		4,727.72	53.70	3,217.22	34.62	682.06	793.81	0.00
GenGT SMUD 26	2015	1	152.99	1.06	69.77	2.29	13.50	67.42	0.00
GenGT SMUD 26	2015	2	88.70	0.36	22.53	0.71	4.57	60.90	0.00
GenGT SMUD 26	2015	3	93.99	0.35	21.29	0.78	4.50	67.42	0.00
GenGT SMUD 26	2015	4	94.92	0.39	22.56	2.22	4.90	65.24	0.00
GenGT SMUD 26	2015	5	402.21	4.74	271.55	3.05	60.18	67.42	0.00
GenGT SMUD 26	2015	6	481.24	5.91	337.20	3.68	75.12	65.24	0.00
GenGT SMUD 26	2015	7	885.03	11.60	664.93	5.31	147.37	67.42	0.00
GenGT SMUD 26	2015	8	1,003.11	13.11	764.64	4.56	166.49	67.42	0.00
GenGT SMUD 26	2015	9	561.80	6.77	406.88	3.68	86.00	65.24	0.00
GenGT SMUD 26	2015	10	148.81	1.06	66.35	1.54	13.50	67.42	0.00
GenGT SMUD 26	2015	11	241.01	2.23	145.97	1.49	28.31	65.24	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 32	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2015		4,285.35	47.87	2,857.76	25.78	608.00	793.81	0.00
GenGT SMUD 34	2015	1	84.80	0.22	14.54	0.03	2.81	67.42	0.00
GenGT SMUD 34	2015	2	63.93	0.04	2.50	0.03	0.51	60.90	0.00
GenGT SMUD 34	2015	3	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 34	2015	4	68.32	0.04	2.51	0.03	0.54	65.24	0.00
GenGT SMUD 34	2015	5	405.31	4.78	274.09	3.05	60.75	67.42	0.00
GenGT SMUD 34	2015	6	504.41	6.26	356.75	2.95	79.47	65.24	0.00
GenGT SMUD 34	2015	7	857.12	11.20	642.09	5.31	142.31	67.42	0.00
GenGT SMUD 34	2015	8	883.57	11.43	666.48	4.56	145.12	67.42	0.00
GenGT SMUD 34	2015	9	511.16	6.09	365.67	2.95	77.29	65.24	0.00
GenGT SMUD 34	2015	10	121.44	0.71	44.23	0.78	9.00	67.42	0.00
GenGT SMUD 34	2015	11	132.30	0.86	56.14	0.03	10.89	65.24	0.00
GenGT SMUD 34	2015	12	585.55	6.24	432.76	6.07	79.31	67.42	0.00
GenGT SMUD 35	2015		4,318.97	48.35	2,886.80	24.24	614.11	793.81	0.00
GenGT SMUD 35	2015	1	81.33	0.18	11.63	0.03	2.25	67.42	0.00
GenGT SMUD 35	2015	2	60.90	0.00	0.00	0.00	0.00	60.90	0.00
GenGT SMUD 35	2015	3	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 35	2015	4	65.24	0.00	0.00	0.00	0.00	65.24	0.00
GenGT SMUD 35	2015	5	430.11	5.14	294.40	3.05	65.25	67.42	0.00
GenGT SMUD 35	2015	6	498.44	6.17	351.86	2.95	78.38	65.24	0.00
GenGT SMUD 35	2015	7	866.43	11.34	649.70	5.31	143.99	67.42	0.00
GenGT SMUD 35	2015	8	977.94	12.75	743.98	4.56	161.99	67.42	0.00
GenGT SMUD 35	2015	9	381.80	4.33	260.09	1.49	54.98	65.24	0.00
GenGT SMUD 35	2015	10	108.13	0.53	33.18	0.78	6.75	67.42	0.00
GenGT SMUD 35	2015	11	200.06	1.71	112.29	0.76	21.77	65.24	0.00
GenGT SMUD 35	2015	12	581.17	6.20	429.69	5.31	78.75	67.42	0.00
GenGT SMUD 36	2015		4,200.87	46.84	2,788.71	23.49	594.86	793.81	0.00
GenGT SMUD 36	2015	1	81.33	0.18	11.63	0.03	2.25	67.42	0.00
GenGT SMUD 36	2015	2	60.90	0.00	0.00	0.00	0.00	60.90	0.00
GenGT SMUD 36	2015	3	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 36	2015	4	68.32	0.04	2.51	0.03	0.54	65.24	0.00
GenGT SMUD 36	2015	5	436.31	5.23	299.47	3.05	66.37	67.42	0.00
GenGT SMUD 36	2015	6	482.11	5.93	337.91	3.68	75.28	65.24	0.00
GenGT SMUD 36	2015	7	880.78	11.54	661.45	5.31	146.60	67.42	0.00
GenGT SMUD 36	2015	8	883.57	11.43	666.48	4.56	145.12	67.42	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 44	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2015		3,925.85	43.03	2,563.61	21.93	546.51	793.81	0.00
GenGT SMUD 45	2015	1	74.39	0.09	5.81	0.03	1.12	67.42	0.00
GenGT SMUD 45	2015	2	60.90	0.00	0.00	0.00	0.00	60.90	0.00
GenGT SMUD 45	2015	3	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 45	2015	4	68.32	0.04	2.51	0.03	0.54	65.24	0.00
GenGT SMUD 45	2015	5	285.59	3.08	176.71	2.29	39.17	67.42	0.00
GenGT SMUD 45	2015	6	451.36	5.49	312.77	3.68	69.67	65.24	0.00
GenGT SMUD 45	2015	7	759.45	9.82	562.75	4.56	124.72	67.42	0.00
GenGT SMUD 45	2015	8	949.79	12.36	720.86	4.56	156.96	67.42	0.00
GenGT SMUD 45	2015	9	488.60	5.79	347.65	2.22	73.48	65.24	0.00
GenGT SMUD 45	2015	10	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 45	2015	11	200.06	1.71	112.29	0.76	21.77	65.24	0.00
GenGT SMUD 45	2015	12	452.55	4.65	322.27	3.80	59.06	67.42	0.00
GenGT SMUD 46	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2015		3,786.05	40.88	2,451.10	21.90	519.24	793.81	0.00
GenGT SMUD 5	2015	1	70.92	0.04	2.91	0.03	0.56	67.42	0.00
GenGT SMUD 5	2015	2	60.90	0.00	0.00	0.00	0.00	60.90	0.00
GenGT SMUD 5	2015	3	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 5	2015	4	65.24	0.00	0.00	0.00	0.00	65.24	0.00
GenGT SMUD 5	2015	5	223.98	2.21	126.89	1.54	28.12	67.42	0.00
GenGT SMUD 5	2015	6	426.63	5.13	292.53	3.68	65.17	65.24	0.00
GenGT SMUD 5	2015	7	710.87	9.13	522.98	4.56	115.91	67.42	0.00
GenGT SMUD 5	2015	8	861.08	11.11	648.01	4.56	141.10	67.42	0.00
GenGT SMUD 5	2015	9	504.19	6.00	360.52	2.22	76.21	65.24	0.00
GenGT SMUD 5	2015	10	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 5	2015	11	183.31	1.50	98.25	0.76	19.05	65.24	0.00
GenGT SMUD 5	2015	12	544.10	5.76	399.00	4.56	73.12	67.42	0.00
GenGT SMUD 6	2015		3,760.50	40.52	2,430.93	21.14	514.62	793.81	0.00
GenGT SMUD 6	2015	1	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 6	2015	2	60.90	0.00	0.00	0.00	0.00	60.90	0.00
GenGT SMUD 6	2015	3	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 6	2015	4	65.24	0.00	0.00	0.00	0.00	65.24	0.00
GenGT SMUD 6	2015	5	205.37	1.95	111.67	1.54	24.75	67.42	0.00
GenGT SMUD 6	2015	6	399.84	4.76	271.23	2.95	60.42	65.24	0.00
GenGT SMUD 6	2015	7	729.35	9.39	538.11	4.56	119.26	67.42	0.00
GenGT SMUD 6	2015	8	877.26	11.34	661.30	4.56	143.99	67.42	0.00
GenGT SMUD 6	2015	9	476.12	5.61	337.35	2.22	71.31	65.24	0.00
GenGT SMUD 6	2015	10	67.42	0.00	0.00	0.00	0.00	67.42	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 6	2015	11	200.06	1.71	112.29	0.76	21.77	65.24	0.00
GenGT SMUD 6	2015	12	544.10	5.76	399.00	4.56	73.12	67.42	0.00
GenGT SMUD 7	2015		3,423.23	35.85	2,154.44	19.68	455.30	793.81	0.00
GenGT SMUD 7	2015	1	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 7	2015	2	60.90	0.00	0.00	0.00	0.00	60.90	0.00
GenGT SMUD 7	2015	3	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 7	2015	4	65.24	0.00	0.00	0.00	0.00	65.24	0.00
GenGT SMUD 7	2015	5	124.01	0.80	45.68	0.78	10.12	67.42	0.00
GenGT SMUD 7	2015	6	386.62	4.58	261.01	2.22	58.15	65.24	0.00
GenGT SMUD 7	2015	7	654.85	8.33	477.12	4.56	105.74	67.42	0.00
GenGT SMUD 7	2015	8	793.01	10.14	591.49	5.31	128.79	67.42	0.00
GenGT SMUD 7	2015	9	459.94	5.39	323.99	2.22	68.48	65.24	0.00
GenGT SMUD 7	2015	10	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 7	2015	11	132.30	0.86	56.14	0.03	10.89	65.24	0.00
GenGT SMUD 7	2015	12	544.10	5.76	399.00	4.56	73.12	67.42	0.00
GenGT SMUD 8	2015		3,350.76	34.99	2,093.66	18.92	444.36	793.81	0.00
GenGT SMUD 8	2015	1	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 8	2015	2	60.90	0.00	0.00	0.00	0.00	60.90	0.00
GenGT SMUD 8	2015	3	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 8	2015	4	65.24	0.00	0.00	0.00	0.00	65.24	0.00
GenGT SMUD 8	2015	5	186.77	1.68	96.44	1.54	21.37	67.42	0.00
GenGT SMUD 8	2015	6	363.26	4.24	241.90	2.22	53.89	65.24	0.00
GenGT SMUD 8	2015	7	685.85	8.77	502.50	4.56	111.37	67.42	0.00
GenGT SMUD 8	2015	8	802.44	10.28	599.86	4.56	130.61	67.42	0.00
GenGT SMUD 8	2015	9	362.87	4.06	243.86	2.22	51.55	65.24	0.00
GenGT SMUD 8	2015	10	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 8	2015	11	132.30	0.86	56.14	0.03	10.89	65.24	0.00
GenGT SMUD 8	2015	12	488.87	5.09	352.96	3.80	64.68	67.42	0.00
GenGT SMUD 9	2015		3,074.64	31.16	1,868.36	16.68	395.79	793.81	0.00
GenGT SMUD 9	2015	1	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 9	2015	2	60.90	0.00	0.00	0.00	0.00	60.90	0.00
GenGT SMUD 9	2015	3	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 9	2015	4	65.24	0.00	0.00	0.00	0.00	65.24	0.00
GenGT SMUD 9	2015	5	104.41	0.53	30.25	0.03	6.70	67.42	0.00
GenGT SMUD 9	2015	6	321.63	3.65	207.86	2.22	46.30	65.24	0.00
GenGT SMUD 9	2015	7	678.41	8.66	496.41	4.56	110.02	67.42	0.00
GenGT SMUD 9	2015	8	754.60	9.61	560.56	4.56	122.06	67.42	0.00
GenGT SMUD 9	2015	9	284.19	2.99	179.51	1.49	37.95	65.24	0.00
GenGT SMUD 9	2015	10	67.42	0.00	0.00	0.00	0.00	67.42	0.00
GenGT SMUD 9	2015	11	132.30	0.86	56.14	0.03	10.89	65.24	0.00
GenGT SMUD 9	2015	12	470.71	4.87	337.61	3.80	61.87	67.42	0.00
Jaybird	2015		3,831.12	532.10	3,831.12	0.00	0.00	0.00	0.00
Jaybird	2015	1	252.72	35.10	252.72	0.00	0.00	0.00	0.00
Jaybird	2015	2	282.96	39.30	282.96	0.00	0.00	0.00	0.00
Jaybird	2015	3	377.28	52.40	377.28	0.00	0.00	0.00	0.00
Jaybird	2015	4	327.60	45.50	327.60	0.00	0.00	0.00	0.00
Jaybird	2015	5	360.00	50.00	360.00	0.00	0.00	0.00	0.00
Jaybird	2015	6	355.68	49.40	355.68	0.00	0.00	0.00	0.00
Jaybird	2015	7	370.08	51.40	370.08	0.00	0.00	0.00	0.00
Jaybird	2015	8	429.12	59.60	429.12	0.00	0.00	0.00	0.00
Jaybird	2015	9	386.64	53.70	386.64	0.00	0.00	0.00	0.00
Jaybird	2015	10	210.96	29.30	210.96	0.00	0.00	0.00	0.00
Jaybird	2015	11	203.76	28.30	203.76	0.00	0.00	0.00	0.00
Jaybird	2015	12	274.32	38.10	274.32	0.00	0.00	0.00	0.00
Jones Fork	2015		156.24	21.70	156.24	0.00	0.00	0.00	0.00
Jones Fork	2015	1	10.80	1.50	10.80	0.00	0.00	0.00	0.00
Jones Fork	2015	2	12.24	1.70	12.24	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Jones Fork	2015	3	15.84	2.20	15.84	0.00	0.00	0.00	0.00
Jones Fork	2015	4	15.12	2.10	15.12	0.00	0.00	0.00	0.00
Jones Fork	2015	5	15.84	2.20	15.84	0.00	0.00	0.00	0.00
Jones Fork	2015	6	18.72	2.60	18.72	0.00	0.00	0.00	0.00
Jones Fork	2015	7	12.24	1.70	12.24	0.00	0.00	0.00	0.00
Jones Fork	2015	8	13.68	1.90	13.68	0.00	0.00	0.00	0.00
Jones Fork	2015	9	15.12	2.10	15.12	0.00	0.00	0.00	0.00
Jones Fork	2015	10	12.24	1.70	12.24	0.00	0.00	0.00	0.00
Jones Fork	2015	11	5.04	0.70	5.04	0.00	0.00	0.00	0.00
Jones Fork	2015	12	9.36	1.30	9.36	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2015		699.84	97.20	699.84	0.00	0.00	0.00	0.00
Loon Lake	2015	1	37.44	5.20	37.44	0.00	0.00	0.00	0.00
Loon Lake	2015	2	74.16	10.30	74.16	0.00	0.00	0.00	0.00
Loon Lake	2015	3	59.76	8.30	59.76	0.00	0.00	0.00	0.00
Loon Lake	2015	4	52.56	7.30	52.56	0.00	0.00	0.00	0.00
Loon Lake	2015	5	68.40	9.50	68.40	0.00	0.00	0.00	0.00
Loon Lake	2015	6	98.64	13.70	98.64	0.00	0.00	0.00	0.00
Loon Lake	2015	7	92.16	12.80	92.16	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy4_Wind	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2015		4,483.84	64.97	3,714.52	94.72	386.57	287.97	0.05
Procter & G GT 1	2015	1	24.46	0.00	0.00	0.00	0.00	24.46	0.00
Procter & G GT 1	2015	2	22.09	0.00	0.00	0.00	0.00	22.09	0.00
Procter & G GT 1	2015	3	24.46	0.00	0.00	0.00	0.00	24.46	0.00
Procter & G GT 1	2015	4	23.67	0.00	0.00	0.00	0.00	23.67	0.00
Procter & G GT 1	2015	5	380.98	5.58	311.50	11.82	33.20	24.46	0.00
Procter & G GT 1	2015	6	664.86	10.18	565.47	15.12	60.59	23.67	0.01
Procter & G GT 1	2015	7	1,066.65	16.49	920.57	23.48	98.13	24.46	0.01
Procter & G GT 1	2015	8	1,095.75	16.69	948.09	23.90	99.29	24.46	0.01
Procter & G GT 1	2015	9	696.14	10.18	595.95	15.94	60.59	23.67	0.01
Procter & G GT 1	2015	10	24.46	0.00	0.00	0.00	0.00	24.46	0.00
Procter & G GT 1	2015	11	435.86	5.85	372.94	4.47	34.78	23.67	0.00
Procter & G GT 1	2015	12	24.46	0.00	0.00	0.00	0.00	24.46	0.00
Robbs Peak	2015		353.52	49.10	353.52	0.00	0.00	0.00	0.00
Robbs Peak	2015	1	25.92	3.60	25.92	0.00	0.00	0.00	0.00
Robbs Peak	2015	2	38.88	5.40	38.88	0.00	0.00	0.00	0.00
Robbs Peak	2015	3	48.24	6.70	48.24	0.00	0.00	0.00	0.00
Robbs Peak	2015	4	51.84	7.20	51.84	0.00	0.00	0.00	0.00
Robbs Peak	2015	5	51.84	7.20	51.84	0.00	0.00	0.00	0.00
Robbs Peak	2015	6	40.32	5.60	40.32	0.00	0.00	0.00	0.00
Robbs Peak	2015	7	27.36	3.80	27.36	0.00	0.00	0.00	0.00
Robbs Peak	2015	8	23.04	3.20	23.04	0.00	0.00	0.00	0.00
Robbs Peak	2015	9	10.80	1.50	10.80	0.00	0.00	0.00	0.00
Robbs Peak	2015	10	9.36	1.30	9.36	0.00	0.00	0.00	0.00
Robbs Peak	2015	11	7.92	1.10	7.92	0.00	0.00	0.00	0.00
Robbs Peak	2015	12	18.00	2.50	18.00	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2015		41,729.26	706.89	37,981.08	6.39	-1,640.30	5,381.61	0.46
SCA P&G Cogen 1	2015	1	3,531.61	55.45	3,202.59	0.58	-128.67	457.07	0.04
SCA P&G Cogen 1	2015	2	2,810.21	45.45	2,502.31	0.50	-105.47	412.84	0.03
SCA P&G Cogen 1	2015	3	3,241.81	55.08	2,911.99	0.53	-127.82	457.07	0.04
SCA P&G Cogen 1	2015	4	2,905.03	50.12	2,578.46	0.50	-116.29	442.32	0.03
SCA P&G Cogen 1	2015	5	3,542.29	64.13	3,233.48	0.51	-148.81	457.07	0.04
SCA P&G Cogen 1	2015	6	3,385.34	61.51	3,085.21	0.49	-142.72	442.32	0.04
SCA P&G Cogen 1	2015	7	3,602.63	65.39	3,296.74	0.51	-151.72	457.07	0.04
SCA P&G Cogen 1	2015	8	3,751.29	67.22	3,449.64	0.52	-155.97	457.07	0.04
SCA P&G Cogen 1	2015	9	3,712.87	64.70	3,420.11	0.52	-150.12	442.32	0.04
SCA P&G Cogen 1	2015	10	3,544.38	58.68	3,222.88	0.55	-136.16	457.07	0.04
SCA P&G Cogen 1	2015	11	3,567.60	56.50	3,255.77	0.56	-131.10	442.32	0.04
SCA P&G Cogen 1	2015	12	4,134.19	62.68	3,821.91	0.62	-145.45	457.07	0.04
Slab Creek	2015		9.47	1.32	9.47	0.00	0.00	0.00	0.00
Slab Creek	2015	1	0.54	0.07	0.54	0.00	0.00	0.00	0.00
Slab Creek	2015	2	0.48	0.07	0.48	0.00	0.00	0.00	0.00
Slab Creek	2015	3	0.54	0.07	0.54	0.00	0.00	0.00	0.00
Slab Creek	2015	4	0.52	0.07	0.52	0.00	0.00	0.00	0.00
Slab Creek	2015	5	0.54	0.07	0.54	0.00	0.00	0.00	0.00
Slab Creek	2015	6	1.04	0.14	1.04	0.00	0.00	0.00	0.00
Slab Creek	2015	7	1.07	0.15	1.07	0.00	0.00	0.00	0.00
Slab Creek	2015	8	1.07	0.15	1.07	0.00	0.00	0.00	0.00
Slab Creek	2015	9	1.04	0.14	1.04	0.00	0.00	0.00	0.00
Slab Creek	2015	10	1.07	0.15	1.07	0.00	0.00	0.00	0.00
Slab Creek	2015	11	1.04	0.14	1.04	0.00	0.00	0.00	0.00
Slab Creek	2015	12	0.54	0.07	0.54	0.00	0.00	0.00	0.00
SMUD PV 1	2015		184.16	46.01	0.00	0.00	69.73	114.43	0.00
SMUD PV 1	2015	1	9.87	0.10	0.00	0.00	0.15	9.72	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
SMUD PV 1	2015	2	9.42	0.43	0.00	0.00	0.65	8.78	0.00
SMUD PV 1	2015	3	12.07	1.55	0.00	0.00	2.35	9.72	0.00
SMUD PV 1	2015	4	14.22	3.18	0.00	0.00	4.82	9.41	0.00
SMUD PV 1	2015	5	16.41	4.41	0.00	0.00	6.69	9.72	0.00
SMUD PV 1	2015	6	23.14	9.06	0.00	0.00	13.73	9.41	0.00
SMUD PV 1	2015	7	23.29	8.95	0.00	0.00	13.57	9.72	0.00
SMUD PV 1	2015	8	22.44	8.39	0.00	0.00	12.72	9.72	0.00
SMUD PV 1	2015	9	20.57	7.37	0.00	0.00	11.17	9.41	0.00
SMUD PV 1	2015	10	12.63	1.92	0.00	0.00	2.91	9.72	0.00
SMUD PV 1	2015	11	10.21	0.53	0.00	0.00	0.80	9.41	0.00
SMUD PV 1	2015	12	9.89	0.11	0.00	0.00	0.17	9.72	0.00
SMUD Solano Wi 2	2015		834.64	286.05	0.00	0.00	0.00	834.64	0.00
SMUD Solano Wi 2	2015	1	70.89	2.49	0.00	0.00	0.00	70.89	0.00
SMUD Solano Wi 2	2015	2	64.03	3.69	0.00	0.00	0.00	64.03	0.00
SMUD Solano Wi 2	2015	3	70.89	15.02	0.00	0.00	0.00	70.89	0.00
SMUD Solano Wi 2	2015	4	68.60	21.35	0.00	0.00	0.00	68.60	0.00
SMUD Solano Wi 2	2015	5	70.89	32.80	0.00	0.00	0.00	70.89	0.00
SMUD Solano Wi 2	2015	6	68.60	47.65	0.00	0.00	0.00	68.60	0.00
SMUD Solano Wi 2	2015	7	70.89	47.95	0.00	0.00	0.00	70.89	0.00
SMUD Solano Wi 2	2015	8	70.89	46.41	0.00	0.00	0.00	70.89	0.00
SMUD Solano Wi 2	2015	9	68.60	35.23	0.00	0.00	0.00	68.60	0.00
SMUD Solano Wi 2	2015	10	70.89	21.06	0.00	0.00	0.00	70.89	0.00
SMUD Solano Wi 2	2015	11	68.60	6.39	0.00	0.00	0.00	68.60	0.00
SMUD Solano Wi 2	2015	12	70.89	6.00	0.00	0.00	0.00	70.89	0.00
Snohomish	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2015		59,217.01	1,113.63	55,842.38	5.19	-1,242.36	4,611.11	0.68
SPA Campbell C 1	2015	1	4,887.09	85.12	4,589.90	0.47	-94.96	391.63	0.05
SPA Campbell C 1	2015	2	4,075.88	74.02	3,804.27	0.41	-82.57	353.73	0.05
SPA Campbell C 1	2015	3	4,476.73	84.68	4,179.08	0.43	-94.46	391.63	0.05
SPA Campbell C 1	2015	4	4,280.49	83.15	3,993.79	0.41	-92.76	379.00	0.05
SPA Campbell C 1	2015	5	4,984.29	99.93	4,703.66	0.41	-111.48	391.63	0.06
SPA Campbell C 1	2015	6	4,765.77	95.95	4,493.36	0.40	-107.04	379.00	0.06
SPA Campbell C 1	2015	7	5,145.47	103.44	4,868.76	0.41	-115.39	391.63	0.06
SPA Campbell C 1	2015	8	5,287.20	104.61	5,011.79	0.42	-116.70	391.63	0.06
SPA Campbell C 1	2015	9	5,280.83	101.61	5,014.71	0.42	-113.35	379.00	0.06
SPA Campbell C 1	2015	10	5,173.60	95.32	4,887.81	0.45	-106.34	391.63	0.06
SPA Campbell C 1	2015	11	5,137.71	90.32	4,858.96	0.46	-100.75	379.00	0.06
SPA Campbell C 1	2015	12	5,721.95	95.50	5,436.30	0.50	-106.54	391.63	0.06
Union Valley	2015		851.76	118.30	851.76	0.00	0.00	0.00	0.00
Union Valley	2015	1	44.64	6.20	44.64	0.00	0.00	0.00	0.00
Union Valley	2015	2	54.00	7.50	54.00	0.00	0.00	0.00	0.00
Union Valley	2015	3	74.88	10.40	74.88	0.00	0.00	0.00	0.00
Union Valley	2015	4	70.56	9.80	70.56	0.00	0.00	0.00	0.00
Union Valley	2015	5	90.72	12.60	90.72	0.00	0.00	0.00	0.00
Union Valley	2015	6	93.60	13.00	93.60	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Union Valley	2015	7	93.60	13.00	93.60	0.00	0.00	0.00	0.00
Union Valley	2015	8	108.00	15.00	108.00	0.00	0.00	0.00	0.00
Union Valley	2015	9	92.16	12.80	92.16	0.00	0.00	0.00	0.00
Union Valley	2015	10	35.28	4.90	35.28	0.00	0.00	0.00	0.00
Union Valley	2015	11	39.60	5.50	39.60	0.00	0.00	0.00	0.00
Union Valley	2015	12	54.72	7.60	54.72	0.00	0.00	0.00	0.00
WAPA 1	2015		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2015	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2015		6,508.41	903.95	6,508.41	0.00	0.00	0.00	0.00
WAPA 2	2015	1	406.58	56.47	406.58	0.00	0.00	0.00	0.00
WAPA 2	2015	2	426.26	59.20	426.26	0.00	0.00	0.00	0.00
WAPA 2	2015	3	436.58	60.64	436.58	0.00	0.00	0.00	0.00
WAPA 2	2015	4	479.52	66.60	479.52	0.00	0.00	0.00	0.00
WAPA 2	2015	5	652.46	90.62	652.46	0.00	0.00	0.00	0.00
WAPA 2	2015	6	723.17	100.44	723.17	0.00	0.00	0.00	0.00
WAPA 2	2015	7	936.37	130.05	936.37	0.00	0.00	0.00	0.00
WAPA 2	2015	8	752.09	104.46	752.09	0.00	0.00	0.00	0.00
WAPA 2	2015	9	598.23	83.09	598.23	0.00	0.00	0.00	0.00
WAPA 2	2015	10	416.76	57.88	416.76	0.00	0.00	0.00	0.00
WAPA 2	2015	11	303.26	42.12	303.26	0.00	0.00	0.00	0.00
WAPA 2	2015	12	377.12	52.38	377.12	0.00	0.00	0.00	0.00
White Rock	2015		3,926.88	545.40	3,926.88	0.00	0.00	0.00	0.00
White Rock	2015	1	308.88	42.90	308.88	0.00	0.00	0.00	0.00
White Rock	2015	2	337.68	46.90	337.68	0.00	0.00	0.00	0.00
White Rock	2015	3	496.08	68.90	496.08	0.00	0.00	0.00	0.00
White Rock	2015	4	516.24	71.70	516.24	0.00	0.00	0.00	0.00
White Rock	2015	5	595.44	82.70	595.44	0.00	0.00	0.00	0.00
White Rock	2015	6	449.28	62.40	449.28	0.00	0.00	0.00	0.00
White Rock	2015	7	295.20	41.00	295.20	0.00	0.00	0.00	0.00
White Rock	2015	8	249.84	34.70	249.84	0.00	0.00	0.00	0.00
White Rock	2015	9	218.88	30.40	218.88	0.00	0.00	0.00	0.00
White Rock	2015	10	123.12	17.10	123.12	0.00	0.00	0.00	0.00
White Rock	2015	11	124.56	17.30	124.56	0.00	0.00	0.00	0.00
White Rock	2015	12	211.68	29.40	211.68	0.00	0.00	0.00	0.00
Camino	2016		2,684.72	362.80	2,684.72	0.00	0.00	0.00	0.00
Camino	2016	1	178.34	24.10	178.34	0.00	0.00	0.00	0.00
Camino	2016	2	219.78	29.70	219.78	0.00	0.00	0.00	0.00
Camino	2016	3	295.26	39.90	295.26	0.00	0.00	0.00	0.00
Camino	2016	4	248.64	33.60	248.64	0.00	0.00	0.00	0.00
Camino	2016	5	251.60	34.00	251.60	0.00	0.00	0.00	0.00
Camino	2016	6	244.94	33.10	244.94	0.00	0.00	0.00	0.00
Camino	2016	7	245.68	33.20	245.68	0.00	0.00	0.00	0.00
Camino	2016	8	287.86	38.90	287.86	0.00	0.00	0.00	0.00
Camino	2016	9	256.78	34.70	256.78	0.00	0.00	0.00	0.00
Camino	2016	10	132.46	17.90	132.46	0.00	0.00	0.00	0.00
Camino	2016	11	133.94	18.10	133.94	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Camino	2016	12	189.44	25.60	189.44	0.00	0.00	0.00	0.00
Camp Far West	2016		155.76	21.05	155.76	0.00	0.00	0.00	0.00
Camp Far West	2016	1	12.66	1.71	12.66	0.00	0.00	0.00	0.00
Camp Far West	2016	2	20.09	2.71	20.09	0.00	0.00	0.00	0.00
Camp Far West	2016	3	22.02	2.98	22.02	0.00	0.00	0.00	0.00
Camp Far West	2016	4	18.12	2.45	18.12	0.00	0.00	0.00	0.00
Camp Far West	2016	5	20.92	2.83	20.92	0.00	0.00	0.00	0.00
Camp Far West	2016	6	20.25	2.74	20.25	0.00	0.00	0.00	0.00
Camp Far West	2016	7	16.52	2.23	16.52	0.00	0.00	0.00	0.00
Camp Far West	2016	8	14.31	1.93	14.31	0.00	0.00	0.00	0.00
Camp Far West	2016	9	2.13	0.29	2.13	0.00	0.00	0.00	0.00
Camp Far West	2016	10	1.10	0.15	1.10	0.00	0.00	0.00	0.00
Camp Far West	2016	11	2.13	0.29	2.13	0.00	0.00	0.00	0.00
Camp Far West	2016	12	5.51	0.74	5.51	0.00	0.00	0.00	0.00
Carson Ice CGCC	2016		23,659.36	390.82	21,036.23	1.56	667.87	1,953.45	0.25
Carson Ice CGCC	2016	1	2,017.28	30.96	1,798.74	0.14	52.91	165.46	0.02
Carson Ice CGCC	2016	2	1,814.26	29.13	1,609.55	0.13	49.78	154.78	0.02
Carson Ice CGCC	2016	3	1,906.99	31.85	1,686.96	0.13	54.43	165.46	0.02
Carson Ice CGCC	2016	4	1,723.75	29.28	1,513.46	0.12	50.03	160.12	0.02
Carson Ice CGCC	2016	5	1,932.33	33.82	1,708.93	0.12	57.80	165.46	0.02
Carson Ice CGCC	2016	6	1,873.82	32.99	1,657.19	0.12	56.37	160.12	0.02
Carson Ice CGCC	2016	7	1,966.01	34.53	1,741.40	0.12	59.01	165.46	0.02
Carson Ice CGCC	2016	8	2,013.88	34.88	1,788.67	0.13	59.61	165.46	0.02
Carson Ice CGCC	2016	9	2,017.44	34.10	1,798.90	0.13	58.28	160.12	0.02
Carson Ice CGCC	2016	10	2,069.32	33.57	1,846.34	0.13	57.37	165.46	0.02
Carson Ice CGCC	2016	11	2,051.01	31.94	1,836.16	0.14	54.58	160.12	0.02
Carson Ice CGCC	2016	12	2,273.26	33.77	2,049.93	0.15	57.70	165.46	0.02
Carson Ice CGGT	2016		5,785.85	65.03	4,063.83	74.42	242.45	1,405.11	0.05
Carson Ice CGGT	2016	1	119.01	0.00	0.00	0.00	0.00	119.01	0.00
Carson Ice CGGT	2016	2	111.33	0.00	0.00	0.00	0.00	111.33	0.00
Carson Ice CGGT	2016	3	119.01	0.00	0.00	0.00	0.00	119.01	0.00
Carson Ice CGGT	2016	4	115.17	0.00	0.00	0.00	0.00	115.17	0.00
Carson Ice CGGT	2016	5	684.58	8.50	522.39	11.46	31.70	119.01	0.01
Carson Ice CGGT	2016	6	853.84	11.18	683.23	13.76	41.67	115.17	0.01
Carson Ice CGGT	2016	7	1,186.61	16.12	990.37	17.11	60.10	119.01	0.01
Carson Ice CGGT	2016	8	1,152.76	15.34	959.12	17.41	57.20	119.01	0.01
Carson Ice CGGT	2016	9	900.28	11.31	728.42	14.49	42.18	115.17	0.01
Carson Ice CGGT	2016	10	119.01	0.00	0.00	0.00	0.00	119.01	0.00
Carson Ice CGGT	2016	11	305.23	2.57	180.29	0.18	9.59	115.17	0.00
Carson Ice CGGT	2016	12	119.01	0.00	0.00	0.00	0.00	119.01	0.00
CDWR_Ex_6x16OnPI	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2016		87,464.04	1,430.06	87,464.04	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	1	15,776.39	255.01	15,776.39	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	2	9,610.97	166.98	9,610.97	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	3	5,098.48	90.53	5,098.48	0.00	0.00	0.00	0.00

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Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
CNP15_Markets p	2016	4	4,900.88	97.73	4,900.88	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	5	2,558.24	50.23	2,558.24	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	6	4,017.08	69.08	4,017.08	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	7	2,437.18	42.98	2,437.18	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	8	2,793.21	44.93	2,793.21	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	9	4,235.79	66.10	4,235.79	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	10	10,516.78	169.63	10,516.78	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	11	12,140.75	183.71	12,140.75	0.00	0.00	0.00	0.00
CNP15_Markets p	2016	12	13,378.29	193.16	13,378.29	0.00	0.00	0.00	0.00
CNP15_Markets s	2016		-106,981.73	-1,370.50	-106,981.73	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	1	-460.60	-5.63	-460.60	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	2	-33.82	-0.75	-33.82	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	3	-769.68	-13.98	-769.68	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	4	-1,832.74	-27.83	-1,832.74	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	5	-10,184.96	-137.00	-10,184.96	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	6	-13,751.62	-180.41	-13,751.62	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	7	-26,518.94	-333.85	-26,518.94	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	8	-23,805.47	-303.49	-23,805.47	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	9	-16,316.69	-212.64	-16,316.69	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	10	-944.42	-13.89	-944.42	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	11	-3,004.67	-35.89	-3,004.67	0.00	0.00	0.00	0.00
CNP15_Markets s	2016	12	-9,358.13	-105.13	-9,358.13	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2016		96,380.79	1,934.66	87,835.64	16.48	6,504.77	2,022.86	1.05
Cosumnes SMUD 1a	2016	1	8,366.86	157.10	7,665.73	1.50	528.21	171.34	0.08
Cosumnes SMUD 1a	2016	2	7,479.22	146.97	6,823.38	1.34	494.14	160.28	0.08
Cosumnes SMUD 1a	2016	3	7,669.60	156.16	6,971.77	1.37	525.04	171.34	0.08
Cosumnes SMUD 1a	2016	4	7,200.30	150.45	6,527.29	1.29	505.83	165.81	0.08
Cosumnes SMUD 1a	2016	5	7,493.53	158.02	6,789.51	1.31	531.29	171.34	0.09
Cosumnes SMUD 1a	2016	6	7,665.95	163.48	6,949.13	1.26	549.67	165.81	0.09
Cosumnes SMUD 1a	2016	7	8,038.64	170.95	7,291.15	1.31	574.76	171.34	0.09
Cosumnes SMUD 1a	2016	8	8,377.23	175.93	7,612.97	1.33	591.50	171.34	0.10
Cosumnes SMUD 1a	2016	9	8,353.44	170.89	7,611.63	1.33	574.58	165.81	0.09
Cosumnes SMUD 1a	2016	10	8,668.76	171.00	7,920.98	1.42	574.93	171.34	0.09
Cosumnes SMUD 1a	2016	11	8,031.33	151.61	7,354.26	1.44	509.74	165.81	0.08
Cosumnes SMUD 1a	2016	12	9,035.94	162.12	8,317.85	1.58	545.09	171.34	0.09
Cosumnes SMUD 1b	2016		96,311.32	1,932.96	87,773.20	15.17	6,499.05	2,022.86	1.05
Cosumnes SMUD 1b	2016	1	8,362.21	156.99	7,661.45	1.50	527.84	171.34	0.08
Cosumnes SMUD 1b	2016	2	7,479.22	146.97	6,823.38	1.34	494.14	160.28	0.08
Cosumnes SMUD 1b	2016	3	7,456.11	151.68	6,773.35	1.37	509.98	171.34	0.08
Cosumnes SMUD 1b	2016	4	7,183.01	150.00	6,511.50	1.29	504.33	165.81	0.08
Cosumnes SMUD 1b	2016	5	7,592.39	159.97	6,881.80	1.31	537.86	171.34	0.09
Cosumnes SMUD 1b	2016	6	7,681.82	163.71	6,964.22	1.26	550.44	165.81	0.09
Cosumnes SMUD 1b	2016	7	8,028.30	170.72	7,282.87	0.00	574.00	171.34	0.09
Cosumnes SMUD 1b	2016	8	8,377.23	175.93	7,612.97	1.33	591.50	171.34	0.10
Cosumnes SMUD 1b	2016	9	8,302.14	169.82	7,563.93	1.33	570.98	165.81	0.09
Cosumnes SMUD 1b	2016	10	8,728.86	172.33	7,976.58	1.42	579.42	171.34	0.09
Cosumnes SMUD 1b	2016	11	8,142.43	153.75	7,458.15	1.44	516.94	165.81	0.08
Cosumnes SMUD 1b	2016	12	8,977.61	161.09	8,262.99	1.58	541.62	171.34	0.09
Cosumnes SMUD 2a	2016		91,522.66	1,827.28	83,061.88	293.22	6,143.71	2,022.86	0.99
Cosumnes SMUD 2a	2016	1	8,362.21	156.99	7,661.45	1.50	527.84	171.34	0.08
Cosumnes SMUD 2a	2016	2	6,727.33	130.81	6,079.55	47.62	439.81	160.28	0.07
Cosumnes SMUD 2a	2016	3	7,658.74	155.89	6,961.83	1.37	524.12	171.34	0.08
Cosumnes SMUD 2a	2016	4	5,930.58	121.93	5,286.46	68.29	409.95	165.81	0.07
Cosumnes SMUD 2a	2016	5	7,180.95	150.90	6,478.17	23.99	507.37	171.34	0.08
Cosumnes SMUD 2a	2016	6	6,831.02	144.54	6,134.24	44.93	485.96	165.81	0.08
Cosumnes SMUD 2a	2016	7	7,901.15	168.18	7,162.97	1.31	565.44	171.34	0.09
Cosumnes SMUD 2a	2016	8	8,120.16	169.84	7,353.29	24.41	571.02	171.34	0.09

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 2a	2016	9	8,353.44	170.89	7,611.63	1.33	574.58	165.81	0.09
Cosumnes SMUD 2a	2016	10	7,278.73	141.44	6,556.29	75.46	475.57	171.34	0.08
Cosumnes SMUD 2a	2016	11	8,142.43	153.75	7,458.15	1.44	516.94	165.81	0.08
Cosumnes SMUD 2a	2016	12	9,035.94	162.12	8,317.85	1.58	545.09	171.34	0.09
Cosumnes SMUD 2b	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2016		5,748.73	66.20	4,040.81	30.17	861.86	815.89	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
G1nGT SMUD 33	2016	1	130.47	0.75	50.76	0.80	9.80	69.11	0.00
G1nGT SMUD 33	2016	2	67.87	0.04	2.66	0.03	0.54	64.65	0.00
G1nGT SMUD 33	2016	3	79.83	0.13	8.19	0.80	1.73	69.11	0.00
G1nGT SMUD 33	2016	4	129.37	0.86	51.31	0.03	11.16	66.88	0.00
G1nGT SMUD 33	2016	5	472.32	5.58	328.22	2.35	72.64	69.11	0.00
G1nGT SMUD 33	2016	6	699.92	8.79	514.18	4.49	114.38	66.88	0.00
G1nGT SMUD 33	2016	7	1,193.65	15.59	916.93	4.67	202.94	69.11	0.00
G1nGT SMUD 33	2016	8	1,177.56	15.15	906.61	4.67	197.17	69.11	0.00
G1nGT SMUD 33	2016	9	829.70	10.16	626.08	4.52	132.23	66.88	0.00
G1nGT SMUD 33	2016	10	165.43	1.24	79.37	0.80	16.14	69.11	0.00
G1nGT SMUD 33	2016	11	187.87	1.50	100.69	0.78	19.53	66.88	0.00
G1nGT SMUD 33	2016	12	614.73	6.42	455.81	6.22	83.60	69.11	0.00
GenGT SMUD 1	2016		9,138.44	109.70	6,831.67	62.69	1,428.19	815.89	0.00
GenGT SMUD 1	2016	1	644.54	7.09	477.74	5.45	92.25	69.11	0.00
GenGT SMUD 1	2016	2	282.22	2.73	175.43	6.54	35.60	64.65	0.00
GenGT SMUD 1	2016	3	424.24	4.69	289.35	4.67	61.11	69.11	0.00
GenGT SMUD 1	2016	4	357.99	3.94	236.02	3.77	51.33	66.88	0.00
GenGT SMUD 1	2016	5	720.39	8.99	528.80	5.45	117.04	69.11	0.00
GenGT SMUD 1	2016	6	808.01	10.29	601.96	5.27	133.90	66.88	0.00
GenGT SMUD 1	2016	7	1,331.23	17.49	1,028.95	5.45	227.73	69.11	0.00
GenGT SMUD 1	2016	8	1,294.52	16.74	1,002.04	5.45	217.93	69.11	0.00
GenGT SMUD 1	2016	9	1,009.63	12.56	774.01	5.27	163.48	66.88	0.00
GenGT SMUD 1	2016	10	486.55	5.36	343.01	4.67	69.76	69.11	0.00
GenGT SMUD 1	2016	11	752.23	8.49	569.62	5.27	110.47	66.88	0.00
GenGT SMUD 1	2016	12	1,026.89	11.34	804.74	5.45	147.59	69.11	0.00
GenGT SMUD 10	2016		8,642.11	103.27	6,414.47	67.31	1,344.44	815.89	0.00
GenGT SMUD 10	2016	1	626.73	6.86	462.81	5.45	89.36	69.11	0.00
GenGT SMUD 10	2016	2	266.23	2.53	162.14	6.54	32.90	64.65	0.00
GenGT SMUD 10	2016	3	379.50	4.07	251.13	6.22	53.04	69.11	0.00
GenGT SMUD 10	2016	4	301.77	3.17	189.84	3.77	41.29	66.88	0.00
GenGT SMUD 10	2016	5	703.71	8.77	515.78	4.67	114.15	69.11	0.00
GenGT SMUD 10	2016	6	831.79	10.63	622.03	4.52	138.37	66.88	0.00
GenGT SMUD 10	2016	7	1,277.14	16.74	984.66	5.45	217.93	69.11	0.00
GenGT SMUD 10	2016	8	1,295.30	16.74	1,002.04	6.22	217.93	69.11	0.00
GenGT SMUD 10	2016	9	946.39	11.70	721.18	6.02	152.32	66.88	0.00
GenGT SMUD 10	2016	10	432.74	4.65	297.66	5.45	60.54	69.11	0.00
GenGT SMUD 10	2016	11	704.90	7.89	529.34	6.02	102.66	66.88	0.00
GenGT SMUD 10	2016	12	875.91	9.52	675.86	6.99	123.95	69.11	0.00
GenGT SMUD 11	2016		8,581.12	102.47	6,367.70	63.47	1,334.06	815.89	0.00
GenGT SMUD 11	2016	1	604.58	6.60	444.90	4.67	85.90	69.11	0.00
GenGT SMUD 11	2016	2	265.51	2.53	162.14	5.82	32.90	64.65	0.00
GenGT SMUD 11	2016	3	336.52	3.50	215.65	6.22	45.55	69.11	0.00
GenGT SMUD 11	2016	4	323.64	3.47	207.80	3.77	45.19	66.88	0.00
GenGT SMUD 11	2016	5	662.35	8.19	481.91	4.67	106.66	69.11	0.00
GenGT SMUD 11	2016	6	808.01	10.29	601.96	5.27	133.90	66.88	0.00
GenGT SMUD 11	2016	7	1,293.05	16.96	997.69	5.45	220.81	69.11	0.00
GenGT SMUD 11	2016	8	1,274.38	16.47	986.14	4.67	214.47	69.11	0.00
GenGT SMUD 11	2016	9	1,003.23	12.47	768.73	5.27	162.36	66.88	0.00
GenGT SMUD 11	2016	10	435.38	4.69	300.49	4.67	61.11	69.11	0.00
GenGT SMUD 11	2016	11	647.25	7.16	480.43	6.77	93.18	66.88	0.00
GenGT SMUD 11	2016	12	927.22	10.14	719.87	6.22	132.03	69.11	0.00
GenGT SMUD 12	2016		8,404.86	100.28	6,220.76	62.77	1,305.44	815.89	0.00
GenGT SMUD 12	2016	1	641.75	7.04	474.76	6.22	91.67	69.11	0.00
GenGT SMUD 12	2016	2	264.78	2.53	162.14	5.09	32.90	64.65	0.00
GenGT SMUD 12	2016	3	280.31	2.75	169.24	6.22	35.75	69.11	0.00
GenGT SMUD 12	2016	4	380.61	4.24	253.97	4.52	55.24	66.88	0.00
GenGT SMUD 12	2016	5	648.85	8.02	471.49	3.90	104.35	69.11	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 12	2016	6	831.79	10.63	622.03	4.52	138.37	66.88	0.00
GenGT SMUD 12	2016	7	1,340.00	17.63	1,036.76	4.67	229.46	69.11	0.00
GenGT SMUD 12	2016	8	1,232.43	15.90	951.68	4.67	206.98	69.11	0.00
GenGT SMUD 12	2016	9	897.64	11.06	681.55	5.27	143.95	66.88	0.00
GenGT SMUD 12	2016	10	411.50	4.38	280.65	4.67	57.08	69.11	0.00
GenGT SMUD 12	2016	11	632.77	6.99	468.93	6.02	90.94	66.88	0.00
GenGT SMUD 12	2016	12	842.43	9.12	647.57	6.99	118.77	69.11	0.00
GenGT SMUD 13	2016		8,076.05	96.05	5,949.90	59.80	1,250.47	815.89	0.00
GenGT SMUD 13	2016	1	532.86	5.67	382.19	7.77	73.80	69.11	0.00
GenGT SMUD 13	2016	2	210.43	1.82	116.96	5.09	23.73	64.65	0.00
GenGT SMUD 13	2016	3	282.07	2.79	171.97	4.67	36.32	69.11	0.00
GenGT SMUD 13	2016	4	347.13	3.81	228.32	2.28	49.66	66.88	0.00
GenGT SMUD 13	2016	5	601.90	7.35	432.42	4.67	95.70	69.11	0.00
GenGT SMUD 13	2016	6	810.33	10.33	604.47	4.52	134.46	66.88	0.00
GenGT SMUD 13	2016	7	1,305.78	17.14	1,008.11	5.45	223.12	69.11	0.00
GenGT SMUD 13	2016	8	1,238.88	15.99	956.98	4.67	208.13	69.11	0.00
GenGT SMUD 13	2016	9	948.09	11.74	723.82	4.52	152.87	66.88	0.00
GenGT SMUD 13	2016	10	390.26	4.12	263.64	3.90	53.62	69.11	0.00
GenGT SMUD 13	2016	11	577.06	6.30	422.90	5.27	82.02	66.88	0.00
GenGT SMUD 13	2016	12	831.27	8.99	638.13	6.99	117.04	69.11	0.00
GenGT SMUD 14	2016		7,897.77	93.74	5,804.04	57.48	1,220.37	815.89	0.00
GenGT SMUD 14	2016	1	538.44	5.76	388.16	6.22	74.95	69.11	0.00
GenGT SMUD 14	2016	2	215.37	1.91	122.27	3.65	24.81	64.65	0.00
GenGT SMUD 14	2016	3	249.01	2.35	144.68	4.67	30.56	69.11	0.00
GenGT SMUD 14	2016	4	323.64	3.47	207.80	3.77	45.19	66.88	0.00
GenGT SMUD 14	2016	5	613.08	7.53	442.84	3.12	98.01	69.11	0.00
GenGT SMUD 14	2016	6	793.84	10.10	590.98	4.52	131.46	66.88	0.00
GenGT SMUD 14	2016	7	1,336.82	17.58	1,034.16	4.67	228.88	69.11	0.00
GenGT SMUD 14	2016	8	1,204.15	15.50	927.82	5.45	201.79	69.11	0.00
GenGT SMUD 14	2016	9	926.44	11.44	705.33	5.27	148.97	66.88	0.00
GenGT SMUD 14	2016	10	342.50	3.50	223.95	3.90	45.55	69.11	0.00
GenGT SMUD 14	2016	11	509.11	5.44	365.36	6.02	70.86	66.88	0.00
GenGT SMUD 14	2016	12	845.38	9.17	650.71	6.22	119.34	69.11	0.00
GenGT SMUD 15	2016		7,550.97	89.29	5,514.39	58.23	1,162.46	815.89	0.00
GenGT SMUD 15	2016	1	507.15	5.36	361.29	6.99	69.76	69.11	0.00
GenGT SMUD 15	2016	2	187.32	1.53	98.35	4.37	19.96	64.65	0.00
GenGT SMUD 15	2016	3	235.78	2.17	133.76	4.67	28.25	69.11	0.00
GenGT SMUD 15	2016	4	307.27	3.26	194.97	3.02	42.40	66.88	0.00
GenGT SMUD 15	2016	5	616.26	7.57	445.44	3.12	98.59	69.11	0.00
GenGT SMUD 15	2016	6	770.47	9.77	571.87	4.52	127.21	66.88	0.00
GenGT SMUD 15	2016	7	1,330.45	17.49	1,028.95	4.67	227.73	69.11	0.00
GenGT SMUD 15	2016	8	1,139.61	14.61	874.80	5.45	190.26	69.11	0.00
GenGT SMUD 15	2016	9	920.04	11.36	700.04	5.27	147.85	66.88	0.00
GenGT SMUD 15	2016	10	318.62	3.19	204.11	3.90	41.51	69.11	0.00
GenGT SMUD 15	2016	11	495.37	5.27	353.85	6.02	68.63	66.88	0.00
GenGT SMUD 15	2016	12	722.61	7.71	546.97	6.22	100.32	69.11	0.00
GenGT SMUD 16	2016		7,104.79	83.29	5,147.85	56.70	1,084.35	815.89	0.00
GenGT SMUD 16	2016	1	436.68	4.47	301.57	7.77	58.23	69.11	0.00
GenGT SMUD 16	2016	2	206.51	1.78	114.30	4.37	23.19	64.65	0.00
GenGT SMUD 16	2016	3	235.01	2.17	133.76	3.90	28.25	69.11	0.00
GenGT SMUD 16	2016	4	147.98	1.07	64.13	3.02	13.95	66.88	0.00
GenGT SMUD 16	2016	5	555.81	6.73	395.95	3.12	87.63	69.11	0.00
GenGT SMUD 16	2016	6	767.41	9.73	569.36	4.52	126.65	66.88	0.00
GenGT SMUD 16	2016	7	1,264.42	16.56	974.24	5.45	215.62	69.11	0.00
GenGT SMUD 16	2016	8	1,139.61	14.61	874.80	5.45	190.26	69.11	0.00
GenGT SMUD 16	2016	9	913.64	11.27	694.76	5.27	146.74	66.88	0.00
GenGT SMUD 16	2016	10	208.68	1.77	113.39	3.12	23.06	69.11	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 16	2016	11	477.45	5.06	339.47	5.27	65.84	66.88	0.00
GenGT SMUD 16	2016	12	751.60	8.06	572.12	5.45	104.93	69.11	0.00
GenGT SMUD 17	2016		7,035.94	82.48	5,093.35	52.94	1,073.77	815.89	0.00
GenGT SMUD 17	2016	1	380.45	3.76	253.80	8.54	49.01	69.11	0.00
GenGT SMUD 17	2016	2	176.28	1.41	90.37	2.92	18.34	64.65	0.00
GenGT SMUD 17	2016	3	197.09	1.68	103.73	2.35	21.91	69.11	0.00
GenGT SMUD 17	2016	4	237.81	2.31	138.53	2.28	30.13	66.88	0.00
GenGT SMUD 17	2016	5	504.91	6.02	354.27	3.12	78.41	69.11	0.00
GenGT SMUD 17	2016	6	758.21	9.60	561.83	4.52	124.98	66.88	0.00
GenGT SMUD 17	2016	7	1,311.36	17.23	1,013.32	4.67	224.27	69.11	0.00
GenGT SMUD 17	2016	8	1,119.47	14.35	858.89	4.67	186.80	69.11	0.00
GenGT SMUD 17	2016	9	888.05	10.93	673.63	5.27	142.27	66.88	0.00
GenGT SMUD 17	2016	10	198.45	1.64	104.89	3.12	21.33	69.11	0.00
GenGT SMUD 17	2016	11	515.98	5.53	371.11	6.02	71.97	66.88	0.00
GenGT SMUD 17	2016	12	747.88	8.02	568.98	5.45	104.35	69.11	0.00
GenGT SMUD 18	2016		6,899.84	80.68	4,984.55	49.09	1,050.32	815.89	0.00
GenGT SMUD 18	2016	1	414.53	4.21	283.66	6.99	54.77	69.11	0.00
GenGT SMUD 18	2016	2	180.20	1.45	93.03	3.65	18.88	64.65	0.00
GenGT SMUD 18	2016	3	180.56	1.46	90.08	2.35	19.03	69.11	0.00
GenGT SMUD 18	2016	4	223.82	2.14	128.27	0.78	27.90	66.88	0.00
GenGT SMUD 18	2016	5	581.26	7.09	416.79	3.12	92.25	69.11	0.00
GenGT SMUD 18	2016	6	755.14	9.56	559.32	4.52	124.42	66.88	0.00
GenGT SMUD 18	2016	7	1,145.93	14.92	877.86	4.67	194.29	69.11	0.00
GenGT SMUD 18	2016	8	1,142.83	14.66	877.45	5.45	190.83	69.11	0.00
GenGT SMUD 18	2016	9	848.90	10.41	641.93	4.52	135.58	66.88	0.00
GenGT SMUD 18	2016	10	244.66	2.26	144.58	1.58	29.40	69.11	0.00
GenGT SMUD 18	2016	11	426.68	4.41	296.32	6.02	57.47	66.88	0.00
GenGT SMUD 18	2016	12	755.32	8.10	575.26	5.45	105.51	69.11	0.00
GenGT SMUD 19	2016		6,543.77	76.21	4,688.92	46.85	992.12	815.89	0.00
GenGT SMUD 19	2016	1	334.61	3.23	217.97	5.45	42.09	69.11	0.00
GenGT SMUD 19	2016	2	150.70	1.08	69.11	2.92	14.02	64.65	0.00
GenGT SMUD 19	2016	3	114.44	0.58	35.49	2.35	7.49	69.11	0.00
GenGT SMUD 19	2016	4	162.85	1.29	76.96	2.28	16.74	66.88	0.00
GenGT SMUD 19	2016	5	571.72	6.95	408.97	3.12	90.52	69.11	0.00
GenGT SMUD 19	2016	6	751.33	9.51	556.82	3.77	123.86	66.88	0.00
GenGT SMUD 19	2016	7	1,194.42	15.59	916.93	5.45	202.94	69.11	0.00
GenGT SMUD 19	2016	8	1,158.20	14.88	890.70	4.67	193.72	69.11	0.00
GenGT SMUD 19	2016	9	832.90	10.20	628.72	4.52	132.79	66.88	0.00
GenGT SMUD 19	2016	10	235.20	2.13	136.07	2.35	27.67	69.11	0.00
GenGT SMUD 19	2016	11	356.48	3.56	238.78	4.52	46.31	66.88	0.00
GenGT SMUD 19	2016	12	680.92	7.22	512.39	5.45	93.98	69.11	0.00
GenGT SMUD 2	2016		6,254.31	72.49	4,451.68	42.98	943.77	815.89	0.00
GenGT SMUD 2	2016	1	291.08	2.70	182.14	4.67	35.17	69.11	0.00
GenGT SMUD 2	2016	2	112.33	0.58	37.21	2.92	7.55	64.65	0.00
GenGT SMUD 2	2016	3	86.44	0.22	13.65	0.80	2.88	69.11	0.00
GenGT SMUD 2	2016	4	147.23	1.07	64.13	2.28	13.95	66.88	0.00
GenGT SMUD 2	2016	5	527.18	6.33	372.50	3.12	82.44	69.11	0.00
GenGT SMUD 2	2016	6	674.67	8.44	494.11	3.77	109.91	66.88	0.00
GenGT SMUD 2	2016	7	1,254.10	16.43	966.43	4.67	213.89	69.11	0.00
GenGT SMUD 2	2016	8	1,187.24	15.28	914.56	4.67	198.90	69.11	0.00
GenGT SMUD 2	2016	9	784.91	9.56	589.09	4.52	124.42	66.88	0.00
GenGT SMUD 2	2016	10	193.49	1.59	102.05	1.58	20.76	69.11	0.00
GenGT SMUD 2	2016	11	366.79	3.69	247.41	4.52	47.98	66.88	0.00
GenGT SMUD 2	2016	12	628.84	6.60	468.38	5.45	85.90	69.11	0.00
GenGT SMUD 20	2016		6,083.95	70.30	4,315.99	36.91	915.16	815.89	0.00
GenGT SMUD 20	2016	1	265.37	2.39	161.24	3.90	31.13	69.11	0.00
GenGT SMUD 20	2016	2	125.12	0.75	47.85	2.92	9.71	64.65	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 20	2016	3	102.97	0.44	27.30	0.80	5.77	69.11	0.00
GenGT SMUD 20	2016	4	136.37	0.94	56.44	0.78	12.27	66.88	0.00
GenGT SMUD 20	2016	5	543.09	6.55	385.53	3.12	85.33	69.11	0.00
GenGT SMUD 20	2016	6	653.21	8.14	476.55	3.77	106.01	66.88	0.00
GenGT SMUD 20	2016	7	1,122.89	14.61	859.63	3.90	190.26	69.11	0.00
GenGT SMUD 20	2016	8	1,187.24	15.28	914.56	4.67	198.90	69.11	0.00
GenGT SMUD 20	2016	9	845.70	10.37	639.28	4.52	135.02	66.88	0.00
GenGT SMUD 20	2016	10	186.67	1.51	96.38	1.58	19.60	69.11	0.00
GenGT SMUD 20	2016	11	264.93	2.44	163.98	2.28	31.80	66.88	0.00
GenGT SMUD 20	2016	12	650.39	6.86	487.25	4.67	89.36	69.11	0.00
GenGT SMUD 21	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 21	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 25	2016		6,085.56	70.38	4,314.21	39.18	916.28	815.89	0.00
GenGT SMUD 25	2016	1	193.35	1.51	101.52	3.12	19.60	69.11	0.00
GenGT SMUD 25	2016	2	105.94	0.50	31.90	2.92	6.47	64.65	0.00
GenGT SMUD 25	2016	3	133.50	0.84	51.86	1.58	10.95	69.11	0.00
GenGT SMUD 25	2016	4	136.37	0.94	56.44	0.78	12.27	66.88	0.00
GenGT SMUD 25	2016	5	536.72	6.47	380.32	3.12	84.17	69.11	0.00
GenGT SMUD 25	2016	6	742.13	9.39	549.29	3.77	122.19	66.88	0.00
GenGT SMUD 25	2016	7	1,116.52	14.53	854.42	3.90	189.10	69.11	0.00
GenGT SMUD 25	2016	8	1,187.99	15.28	914.56	5.42	198.90	69.11	0.00
GenGT SMUD 25	2016	9	833.65	10.20	628.72	5.27	132.79	66.88	0.00
GenGT SMUD 25	2016	10	176.43	1.37	87.88	1.58	17.87	69.11	0.00
GenGT SMUD 25	2016	11	227.15	1.97	132.34	2.28	25.67	66.88	0.00
GenGT SMUD 25	2016	12	695.80	7.40	524.97	5.45	96.28	69.11	0.00
GenGT SMUD 26	2016		5,849.74	67.41	4,122.32	33.99	877.54	815.89	0.00
GenGT SMUD 26	2016	1	139.14	0.84	56.73	2.35	10.95	69.11	0.00
GenGT SMUD 26	2016	2	88.50	0.29	18.61	1.48	3.78	64.65	0.00
GenGT SMUD 26	2016	3	119.50	0.66	40.95	0.80	8.65	69.11	0.00
GenGT SMUD 26	2016	4	132.49	0.90	53.87	0.03	11.72	66.88	0.00
GenGT SMUD 26	2016	5	457.19	5.36	315.20	3.12	69.76	69.11	0.00
GenGT SMUD 26	2016	6	736.00	9.30	544.28	3.77	121.07	66.88	0.00
GenGT SMUD 26	2016	7	1,133.20	14.75	867.44	4.67	191.99	69.11	0.00
GenGT SMUD 26	2016	8	1,187.24	15.28	914.56	4.67	198.90	69.11	0.00
GenGT SMUD 26	2016	9	842.50	10.33	636.64	4.52	134.46	66.88	0.00
GenGT SMUD 26	2016	10	173.02	1.33	85.04	1.58	17.30	69.11	0.00
GenGT SMUD 26	2016	11	174.13	1.33	89.18	0.78	17.30	66.88	0.00
GenGT SMUD 26	2016	12	666.81	7.04	499.82	6.22	91.67	69.11	0.00
GenGT SMUD 27	2016		5,796.69	66.93	4,076.29	33.20	871.31	815.89	0.00
GenGT SMUD 27	2016	1	145.49	0.93	62.70	1.58	12.11	69.11	0.00
GenGT SMUD 27	2016	2	85.31	0.25	15.95	1.48	3.24	64.65	0.00
GenGT SMUD 27	2016	3	106.28	0.49	30.03	0.80	6.34	69.11	0.00
GenGT SMUD 27	2016	4	129.37	0.86	51.31	0.03	11.16	66.88	0.00
GenGT SMUD 27	2016	5	530.36	6.38	375.11	3.12	83.02	69.11	0.00
GenGT SMUD 27	2016	6	720.67	9.09	531.73	3.77	118.28	66.88	0.00
GenGT SMUD 27	2016	7	1,177.74	15.37	903.91	4.67	200.06	69.11	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 33	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2016		5,549.14	63.76	3,876.85	26.35	830.05	815.89	0.00
GenGT SMUD 34	2016	1	111.88	0.53	35.83	0.03	6.92	69.11	0.00
GenGT SMUD 34	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 34	2016	3	72.44	0.04	2.73	0.03	0.58	69.11	0.00
GenGT SMUD 34	2016	4	129.37	0.86	51.31	0.03	11.16	66.88	0.00
GenGT SMUD 34	2016	5	524.00	6.29	369.90	3.12	81.87	69.11	0.00
GenGT SMUD 34	2016	6	690.53	8.66	507.08	3.77	112.80	66.88	0.00
GenGT SMUD 34	2016	7	1,223.88	16.01	941.68	4.67	208.42	69.11	0.00
GenGT SMUD 34	2016	8	1,129.15	14.48	866.85	4.67	188.53	69.11	0.00
GenGT SMUD 34	2016	9	729.77	8.83	544.18	3.77	114.93	66.88	0.00
GenGT SMUD 34	2016	10	165.43	1.24	79.37	0.80	16.14	69.11	0.00
GenGT SMUD 34	2016	11	187.87	1.50	100.69	0.78	19.53	66.88	0.00
GenGT SMUD 34	2016	12	520.18	5.31	377.22	4.67	69.18	69.11	0.00
GenGT SMUD 35	2016		5,342.64	60.92	3,707.28	26.32	793.15	815.89	0.00
GenGT SMUD 35	2016	1	94.07	0.31	20.90	0.03	4.04	69.11	0.00
GenGT SMUD 35	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 35	2016	3	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 35	2016	4	129.37	0.86	51.31	0.03	11.16	66.88	0.00
GenGT SMUD 35	2016	5	509.43	6.09	357.97	3.12	79.23	69.11	0.00
GenGT SMUD 35	2016	6	683.87	8.57	501.64	3.77	111.59	66.88	0.00
GenGT SMUD 35	2016	7	1,060.72	13.75	808.73	3.90	178.99	69.11	0.00
GenGT SMUD 35	2016	8	1,096.88	14.04	840.34	4.67	182.76	69.11	0.00
GenGT SMUD 35	2016	9	807.31	9.86	607.58	4.52	128.33	66.88	0.00
GenGT SMUD 35	2016	10	148.37	1.02	65.20	0.80	13.26	69.11	0.00
GenGT SMUD 35	2016	11	135.60	0.86	57.54	0.03	11.16	66.88	0.00
GenGT SMUD 35	2016	12	543.28	5.58	396.08	5.45	72.64	69.11	0.00
GenGT SMUD 36	2016		5,330.41	60.72	3,695.37	28.65	790.50	815.89	0.00
GenGT SMUD 36	2016	1	76.26	0.09	5.97	0.03	1.15	69.11	0.00
GenGT SMUD 36	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 36	2016	3	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 36	2016	4	129.37	0.86	51.31	0.03	11.16	66.88	0.00
GenGT SMUD 36	2016	5	438.21	5.09	299.66	3.12	66.32	69.11	0.00
GenGT SMUD 36	2016	6	671.95	8.40	491.88	3.77	109.42	66.88	0.00
GenGT SMUD 36	2016	7	1,112.79	14.45	850.09	5.45	188.15	69.11	0.00
GenGT SMUD 36	2016	8	1,177.56	15.15	906.61	4.67	197.17	69.11	0.00
GenGT SMUD 36	2016	9	756.11	9.17	565.32	4.52	119.40	66.88	0.00
GenGT SMUD 36	2016	10	134.72	0.84	53.86	0.80	10.95	69.11	0.00
GenGT SMUD 36	2016	11	118.43	0.64	43.15	0.03	8.37	66.88	0.00
GenGT SMUD 36	2016	12	581.25	6.02	427.52	6.22	78.41	69.11	0.00
GenGT SMUD 37	2016		5,049.72	56.87	3,466.50	27.01	740.32	815.89	0.00
GenGT SMUD 37	2016	1	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 37	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 37	2016	3	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 37	2016	4	129.37	0.86	51.31	0.03	11.16	66.88	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 45	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 45	2016	3	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 45	2016	4	129.37	0.86	51.31	0.03	11.16	66.88	0.00
GenGT SMUD 45	2016	5	169.31	1.37	80.75	1.58	17.87	69.11	0.00
GenGT SMUD 45	2016	6	613.35	7.59	443.95	3.77	98.75	66.88	0.00
GenGT SMUD 45	2016	7	942.20	12.08	710.42	5.45	157.23	69.11	0.00
GenGT SMUD 45	2016	8	1,011.10	12.86	769.88	4.67	167.44	69.11	0.00
GenGT SMUD 45	2016	9	804.11	9.81	604.94	4.52	127.77	66.88	0.00
GenGT SMUD 45	2016	10	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 45	2016	11	135.60	0.86	57.54	0.03	11.16	66.88	0.00
GenGT SMUD 45	2016	12	464.38	4.65	330.07	4.67	60.54	69.11	0.00
GenGT SMUD 46	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2016		4,368.48	47.57	2,909.32	23.97	619.30	815.89	0.00
GenGT SMUD 5	2016	1	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 5	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 5	2016	3	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 5	2016	4	98.14	0.43	25.65	0.03	5.58	66.88	0.00
GenGT SMUD 5	2016	5	147.04	1.06	62.52	1.58	13.84	69.11	0.00
GenGT SMUD 5	2016	6	504.72	6.07	355.08	3.77	78.99	66.88	0.00
GenGT SMUD 5	2016	7	971.59	12.50	735.11	4.67	162.70	69.11	0.00
GenGT SMUD 5	2016	8	952.54	12.06	721.79	4.67	156.98	69.11	0.00
GenGT SMUD 5	2016	9	747.33	9.06	558.69	3.77	118.00	66.88	0.00
GenGT SMUD 5	2016	10	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 5	2016	11	135.60	0.86	57.54	0.03	11.16	66.88	0.00
GenGT SMUD 5	2016	12	539.56	5.54	392.94	5.45	72.07	69.11	0.00
GenGT SMUD 6	2016		4,173.58	44.82	2,750.21	23.94	583.55	815.89	0.00
GenGT SMUD 6	2016	1	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 6	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 6	2016	3	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 6	2016	4	66.88	0.00	0.00	0.00	0.00	66.88	0.00
GenGT SMUD 6	2016	5	96.13	0.35	20.84	1.58	4.61	69.11	0.00
GenGT SMUD 6	2016	6	456.25	5.40	316.05	3.02	70.30	66.88	0.00
GenGT SMUD 6	2016	7	939.13	12.05	708.54	4.67	156.82	69.11	0.00
GenGT SMUD 6	2016	8	930.82	11.76	703.95	4.67	153.10	69.11	0.00
GenGT SMUD 6	2016	9	684.97	8.23	507.20	3.77	107.12	66.88	0.00
GenGT SMUD 6	2016	10	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 6	2016	11	187.87	1.50	100.69	0.78	19.53	66.88	0.00
GenGT SMUD 6	2016	12	539.56	5.54	392.94	5.45	72.07	69.11	0.00
GenGT SMUD 7	2016		3,879.75	40.80	2,509.55	23.19	531.12	815.89	0.00
GenGT SMUD 7	2016	1	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 7	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 7	2016	3	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 7	2016	4	98.14	0.43	25.65	0.03	5.58	66.88	0.00
GenGT SMUD 7	2016	5	89.00	0.27	15.63	0.80	3.46	69.11	0.00
GenGT SMUD 7	2016	6	383.74	4.38	256.12	3.77	56.97	66.88	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 7	2016	7	855.33	10.88	639.93	4.67	141.63	69.11	0.00
GenGT SMUD 7	2016	8	864.50	10.85	649.47	4.67	141.25	69.11	0.00
GenGT SMUD 7	2016	9	589.65	6.96	429.11	3.02	90.63	66.88	0.00
GenGT SMUD 7	2016	10	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 7	2016	11	187.87	1.50	100.69	0.78	19.53	66.88	0.00
GenGT SMUD 7	2016	12	539.56	5.54	392.94	5.45	72.07	69.11	0.00
GenGT SMUD 8	2016		3,643.33	37.64	2,315.69	21.70	490.05	815.89	0.00
GenGT SMUD 8	2016	1	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 8	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 8	2016	3	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 8	2016	4	98.14	0.43	25.65	0.03	5.58	66.88	0.00
GenGT SMUD 8	2016	5	89.00	0.27	15.63	0.80	3.46	69.11	0.00
GenGT SMUD 8	2016	6	257.94	2.64	154.43	2.28	34.35	66.88	0.00
GenGT SMUD 8	2016	7	870.54	11.09	652.38	4.67	144.39	69.11	0.00
GenGT SMUD 8	2016	8	845.36	10.59	633.75	4.67	137.83	69.11	0.00
GenGT SMUD 8	2016	9	552.41	6.45	397.76	3.77	84.01	66.88	0.00
GenGT SMUD 8	2016	10	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 8	2016	11	118.43	0.64	43.15	0.03	8.37	66.88	0.00
GenGT SMUD 8	2016	12	539.56	5.54	392.94	5.45	72.07	69.11	0.00
GenGT SMUD 9	2016		3,224.27	32.14	1,969.88	20.12	418.38	815.89	0.00
GenGT SMUD 9	2016	1	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 9	2016	2	64.65	0.00	0.00	0.00	0.00	64.65	0.00
GenGT SMUD 9	2016	3	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 9	2016	4	85.64	0.26	15.39	0.03	3.35	66.88	0.00
GenGT SMUD 9	2016	5	82.63	0.18	10.42	0.80	2.31	69.11	0.00
GenGT SMUD 9	2016	6	269.05	2.79	163.52	2.28	36.38	66.88	0.00
GenGT SMUD 9	2016	7	857.82	10.91	641.96	4.67	142.08	69.11	0.00
GenGT SMUD 9	2016	8	648.16	7.89	472.42	3.90	102.74	69.11	0.00
GenGT SMUD 9	2016	9	477.74	5.45	336.10	3.77	70.99	66.88	0.00
GenGT SMUD 9	2016	10	69.11	0.00	0.00	0.00	0.00	69.11	0.00
GenGT SMUD 9	2016	11	66.88	0.00	0.00	0.00	0.00	66.88	0.00
GenGT SMUD 9	2016	12	464.38	4.65	330.07	4.67	60.54	69.11	0.00
Jaybird	2016		3,937.54	532.10	3,937.54	0.00	0.00	0.00	0.00
Jaybird	2016	1	259.74	35.10	259.74	0.00	0.00	0.00	0.00
Jaybird	2016	2	290.82	39.30	290.82	0.00	0.00	0.00	0.00
Jaybird	2016	3	387.76	52.40	387.76	0.00	0.00	0.00	0.00
Jaybird	2016	4	336.70	45.50	336.70	0.00	0.00	0.00	0.00
Jaybird	2016	5	370.00	50.00	370.00	0.00	0.00	0.00	0.00
Jaybird	2016	6	365.56	49.40	365.56	0.00	0.00	0.00	0.00
Jaybird	2016	7	380.36	51.40	380.36	0.00	0.00	0.00	0.00
Jaybird	2016	8	441.04	59.60	441.04	0.00	0.00	0.00	0.00
Jaybird	2016	9	397.38	53.70	397.38	0.00	0.00	0.00	0.00
Jaybird	2016	10	216.82	29.30	216.82	0.00	0.00	0.00	0.00
Jaybird	2016	11	209.42	28.30	209.42	0.00	0.00	0.00	0.00
Jaybird	2016	12	281.94	38.10	281.94	0.00	0.00	0.00	0.00
Jones Fork	2016		160.58	21.70	160.58	0.00	0.00	0.00	0.00
Jones Fork	2016	1	11.10	1.50	11.10	0.00	0.00	0.00	0.00
Jones Fork	2016	2	12.58	1.70	12.58	0.00	0.00	0.00	0.00
Jones Fork	2016	3	16.28	2.20	16.28	0.00	0.00	0.00	0.00
Jones Fork	2016	4	15.54	2.10	15.54	0.00	0.00	0.00	0.00
Jones Fork	2016	5	16.28	2.20	16.28	0.00	0.00	0.00	0.00
Jones Fork	2016	6	19.24	2.60	19.24	0.00	0.00	0.00	0.00
Jones Fork	2016	7	12.58	1.70	12.58	0.00	0.00	0.00	0.00
Jones Fork	2016	8	14.06	1.90	14.06	0.00	0.00	0.00	0.00
Jones Fork	2016	9	15.54	2.10	15.54	0.00	0.00	0.00	0.00
Jones Fork	2016	10	12.58	1.70	12.58	0.00	0.00	0.00	0.00
Jones Fork	2016	11	5.18	0.70	5.18	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Jones Fork	2016	12	9.62	1.30	9.62	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2016		719.28	97.20	719.28	0.00	0.00	0.00	0.00
Loon Lake	2016	1	38.48	5.20	38.48	0.00	0.00	0.00	0.00
Loon Lake	2016	2	76.22	10.30	76.22	0.00	0.00	0.00	0.00
Loon Lake	2016	3	61.42	8.30	61.42	0.00	0.00	0.00	0.00
Loon Lake	2016	4	54.02	7.30	54.02	0.00	0.00	0.00	0.00
Loon Lake	2016	5	70.30	9.50	70.30	0.00	0.00	0.00	0.00
Loon Lake	2016	6	101.38	13.70	101.38	0.00	0.00	0.00	0.00
Loon Lake	2016	7	94.72	12.80	94.72	0.00	0.00	0.00	0.00
Loon Lake	2016	8	82.88	11.20	82.88	0.00	0.00	0.00	0.00
Loon Lake	2016	9	39.96	5.40	39.96	0.00	0.00	0.00	0.00
Loon Lake	2016	10	37.00	5.00	37.00	0.00	0.00	0.00	0.00
Loon Lake	2016	11	24.42	3.30	24.42	0.00	0.00	0.00	0.00
Loon Lake	2016	12	38.48	5.20	38.48	0.00	0.00	0.00	0.00
McClellan CT 1	2016		416.78	0.04	3.45	0.28	0.10	412.95	0.00
McClellan CT 1	2016	1	34.98	0.00	0.00	0.00	0.00	34.98	0.00
McClellan CT 1	2016	2	32.72	0.00	0.00	0.00	0.00	32.72	0.00
McClellan CT 1	2016	3	34.98	0.00	0.00	0.00	0.00	34.98	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
McClellan CT 1	2016	4	33.85	0.00	0.00	0.00	0.00	33.85	0.00
McClellan CT 1	2016	5	34.98	0.00	0.00	0.00	0.00	34.98	0.00
McClellan CT 1	2016	6	37.68	0.04	3.45	0.28	0.10	33.85	0.00
McClellan CT 1	2016	7	34.98	0.00	0.00	0.00	0.00	34.98	0.00
McClellan CT 1	2016	8	34.98	0.00	0.00	0.00	0.00	34.98	0.00
McClellan CT 1	2016	9	33.85	0.00	0.00	0.00	0.00	33.85	0.00
McClellan CT 1	2016	10	34.98	0.00	0.00	0.00	0.00	34.98	0.00
McClellan CT 1	2016	11	33.85	0.00	0.00	0.00	0.00	33.85	0.00
McClellan CT 1	2016	12	34.98	0.00	0.00	0.00	0.00	34.98	0.00
McClellan CT 2	2016		5,951.09	85.65	5,218.66	117.16	202.25	412.95	0.06
McClellan CT 2	2016	1	468.39	6.24	409.48	9.20	14.72	34.98	0.00
McClellan CT 2	2016	2	270.26	3.54	220.99	8.19	8.35	32.72	0.00
McClellan CT 2	2016	3	419.09	6.02	361.48	8.41	14.22	34.98	0.00
McClellan CT 2	2016	4	302.09	4.36	253.97	3.99	10.29	33.85	0.00
McClellan CT 2	2016	5	472.98	7.17	411.04	10.02	16.94	34.98	0.01
McClellan CT 2	2016	6	533.48	8.22	468.66	11.56	19.41	33.85	0.01
McClellan CT 2	2016	7	629.57	9.77	559.52	12.00	23.06	34.98	0.01
McClellan CT 2	2016	8	636.11	9.71	565.99	12.22	22.92	34.98	0.01
McClellan CT 2	2016	9	574.91	8.51	510.81	10.16	20.09	33.85	0.01
McClellan CT 2	2016	10	498.18	6.96	433.71	13.06	16.43	34.98	0.01
McClellan CT 2	2016	11	506.07	6.81	445.08	11.06	16.07	33.85	0.01
McClellan CT 2	2016	12	639.95	8.36	577.94	7.29	19.74	34.98	0.01
MorganStanley1_O	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2016		19,166.07	147.83	8,942.37	140.27	1,924.56	8,158.87	0.00
Peaker SMUD 1	2016	1	691.05	0.00	0.00	0.00	0.00	691.05	0.00
Peaker SMUD 1	2016	2	646.47	0.00	0.00	0.00	0.00	646.47	0.00
Peaker SMUD 1	2016	3	691.05	0.00	0.00	0.00	0.00	691.05	0.00
Peaker SMUD 1	2016	4	668.76	0.00	0.00	0.00	0.00	668.76	0.00
Peaker SMUD 1	2016	5	694.26	0.04	2.60	0.03	0.58	691.05	0.00
Peaker SMUD 1	2016	6	1,397.69	9.98	583.80	15.26	129.87	668.76	0.00
Peaker SMUD 1	2016	7	4,936.16	58.48	3,440.11	43.62	761.38	691.05	0.00
Peaker SMUD 1	2016	8	4,723.36	54.81	3,280.61	38.21	713.49	691.05	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPM Energy 2	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2016		6,302.63	89.26	5,334.89	127.36	544.33	295.98	0.07
Procter & G GT 1	2016	1	25.07	0.00	0.00	0.00	0.00	25.07	0.00
Procter & G GT 1	2016	2	23.45	0.00	0.00	0.00	0.00	23.45	0.00
Procter & G GT 1	2016	3	25.07	0.00	0.00	0.00	0.00	25.07	0.00
Procter & G GT 1	2016	4	24.26	0.00	0.00	0.00	0.00	24.26	0.00
Procter & G GT 1	2016	5	629.64	9.28	531.83	16.12	56.61	25.07	0.01

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Procter & G GT 1	2016	6	900.36	13.58	773.93	19.36	82.80	24.26	0.01
Procter & G GT 1	2016	7	1,197.92	18.12	1,038.22	24.10	110.52	25.07	0.01
Procter & G GT 1	2016	8	1,204.12	17.93	1,045.18	24.53	109.33	25.07	0.01
Procter & G GT 1	2016	9	929.67	13.32	799.72	24.44	81.24	24.26	0.01
Procter & G GT 1	2016	10	25.07	0.00	0.00	0.00	0.00	25.07	0.00
Procter & G GT 1	2016	11	626.33	8.30	542.47	8.99	50.60	24.26	0.01
Procter & G GT 1	2016	12	691.67	8.73	603.54	9.82	53.24	25.07	0.01
Robbs Peak	2016		363.34	49.10	363.34	0.00	0.00	0.00	0.00
Robbs Peak	2016	1	26.64	3.60	26.64	0.00	0.00	0.00	0.00
Robbs Peak	2016	2	39.96	5.40	39.96	0.00	0.00	0.00	0.00
Robbs Peak	2016	3	49.58	6.70	49.58	0.00	0.00	0.00	0.00
Robbs Peak	2016	4	53.28	7.20	53.28	0.00	0.00	0.00	0.00
Robbs Peak	2016	5	53.28	7.20	53.28	0.00	0.00	0.00	0.00
Robbs Peak	2016	6	41.44	5.60	41.44	0.00	0.00	0.00	0.00
Robbs Peak	2016	7	28.12	3.80	28.12	0.00	0.00	0.00	0.00
Robbs Peak	2016	8	23.68	3.20	23.68	0.00	0.00	0.00	0.00
Robbs Peak	2016	9	11.10	1.50	11.10	0.00	0.00	0.00	0.00
Robbs Peak	2016	10	9.62	1.30	9.62	0.00	0.00	0.00	0.00
Robbs Peak	2016	11	8.14	1.10	8.14	0.00	0.00	0.00	0.00
Robbs Peak	2016	12	18.50	2.50	18.50	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2016		43,135.84	713.34	39,294.16	6.58	-1,696.63	5,531.27	0.47
SCA P&G Cogen 1	2016	1	3,510.23	53.41	3,168.13	0.60	-127.03	468.50	0.04
SCA P&G Cogen 1	2016	2	3,066.21	48.59	2,742.95	0.53	-115.57	438.27	0.03
SCA P&G Cogen 1	2016	3	3,371.32	55.97	3,035.37	0.55	-133.13	468.50	0.04
SCA P&G Cogen 1	2016	4	2,974.10	50.12	2,639.37	0.51	-119.20	453.38	0.03
SCA P&G Cogen 1	2016	5	3,570.78	62.82	3,251.15	0.52	-149.42	468.50	0.04
SCA P&G Cogen 1	2016	6	3,526.77	62.57	3,221.66	0.50	-148.82	453.38	0.04
SCA P&G Cogen 1	2016	7	3,769.69	66.85	3,459.63	0.52	-159.00	468.50	0.04
SCA P&G Cogen 1	2016	8	3,867.60	67.58	3,559.28	0.53	-160.74	468.50	0.04
SCA P&G Cogen 1	2016	9	3,900.40	66.47	3,604.54	0.53	-158.09	453.38	0.04
SCA P&G Cogen 1	2016	10	3,741.63	60.67	3,416.83	0.57	-144.30	468.50	0.04
SCA P&G Cogen 1	2016	11	3,656.22	56.50	3,336.59	0.58	-134.37	453.38	0.04
SCA P&G Cogen 1	2016	12	4,180.87	61.79	3,858.66	0.63	-146.96	468.50	0.04
Slab Creek	2016		9.75	1.32	9.75	0.00	0.00	0.00	0.00
Slab Creek	2016	1	0.55	0.07	0.55	0.00	0.00	0.00	0.00
Slab Creek	2016	2	0.52	0.07	0.52	0.00	0.00	0.00	0.00
Slab Creek	2016	3	0.55	0.07	0.55	0.00	0.00	0.00	0.00
Slab Creek	2016	4	0.53	0.07	0.53	0.00	0.00	0.00	0.00
Slab Creek	2016	5	0.55	0.07	0.55	0.00	0.00	0.00	0.00
Slab Creek	2016	6	1.07	0.14	1.07	0.00	0.00	0.00	0.00
Slab Creek	2016	7	1.10	0.15	1.10	0.00	0.00	0.00	0.00
Slab Creek	2016	8	1.10	0.15	1.10	0.00	0.00	0.00	0.00
Slab Creek	2016	9	1.07	0.14	1.07	0.00	0.00	0.00	0.00
Slab Creek	2016	10	1.10	0.15	1.10	0.00	0.00	0.00	0.00
Slab Creek	2016	11	1.07	0.14	1.07	0.00	0.00	0.00	0.00
Slab Creek	2016	12	0.55	0.07	0.55	0.00	0.00	0.00	0.00
SMUD PV 1	2016		192.22	48.03	0.00	0.00	74.61	117.61	0.00
SMUD PV 1	2016	1	10.14	0.11	0.00	0.00	0.17	9.96	0.00
SMUD PV 1	2016	2	10.02	0.45	0.00	0.00	0.70	9.32	0.00
SMUD PV 1	2016	3	12.49	1.62	0.00	0.00	2.52	9.96	0.00
SMUD PV 1	2016	4	14.80	3.32	0.00	0.00	5.16	9.64	0.00
SMUD PV 1	2016	5	17.11	4.60	0.00	0.00	7.15	9.96	0.00
SMUD PV 1	2016	6	24.33	9.46	0.00	0.00	14.69	9.64	0.00
SMUD PV 1	2016	7	24.49	9.35	0.00	0.00	14.52	9.96	0.00
SMUD PV 1	2016	8	23.56	8.75	0.00	0.00	13.60	9.96	0.00
SMUD PV 1	2016	9	21.57	7.68	0.00	0.00	11.93	9.64	0.00
SMUD PV 1	2016	10	13.08	2.01	0.00	0.00	3.12	9.96	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
WAPA 1	2016	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2016	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2016	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2016	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2016	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2016	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2016	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2016	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2016	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2016	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2016		6,689.39	903.97	6,689.39	0.00	0.00	0.00	0.00
WAPA 2	2016	1	417.88	56.47	417.88	0.00	0.00	0.00	0.00
WAPA 2	2016	2	438.30	59.23	438.30	0.00	0.00	0.00	0.00
WAPA 2	2016	3	448.71	60.64	448.71	0.00	0.00	0.00	0.00
WAPA 2	2016	4	492.84	66.60	492.84	0.00	0.00	0.00	0.00
WAPA 2	2016	5	670.58	90.62	670.58	0.00	0.00	0.00	0.00
WAPA 2	2016	6	743.26	100.44	743.26	0.00	0.00	0.00	0.00
WAPA 2	2016	7	962.38	130.05	962.38	0.00	0.00	0.00	0.00
WAPA 2	2016	8	772.99	104.46	772.99	0.00	0.00	0.00	0.00
WAPA 2	2016	9	614.85	83.09	614.85	0.00	0.00	0.00	0.00
WAPA 2	2016	10	428.34	57.88	428.34	0.00	0.00	0.00	0.00
WAPA 2	2016	11	311.69	42.12	311.69	0.00	0.00	0.00	0.00
WAPA 2	2016	12	387.59	52.38	387.59	0.00	0.00	0.00	0.00
White Rock	2016		4,035.96	545.40	4,035.96	0.00	0.00	0.00	0.00
White Rock	2016	1	317.46	42.90	317.46	0.00	0.00	0.00	0.00
White Rock	2016	2	347.06	46.90	347.06	0.00	0.00	0.00	0.00
White Rock	2016	3	509.86	68.90	509.86	0.00	0.00	0.00	0.00
White Rock	2016	4	530.58	71.70	530.58	0.00	0.00	0.00	0.00
White Rock	2016	5	611.98	82.70	611.98	0.00	0.00	0.00	0.00
White Rock	2016	6	461.76	62.40	461.76	0.00	0.00	0.00	0.00
White Rock	2016	7	303.40	41.00	303.40	0.00	0.00	0.00	0.00
White Rock	2016	8	256.78	34.70	256.78	0.00	0.00	0.00	0.00
White Rock	2016	9	224.96	30.40	224.96	0.00	0.00	0.00	0.00
White Rock	2016	10	126.54	17.10	126.54	0.00	0.00	0.00	0.00
White Rock	2016	11	128.02	17.30	128.02	0.00	0.00	0.00	0.00
White Rock	2016	12	217.56	29.40	217.56	0.00	0.00	0.00	0.00
Camino	2017		2,757.28	362.80	2,757.28	0.00	0.00	0.00	0.00
Camino	2017	1	183.16	24.10	183.16	0.00	0.00	0.00	0.00
Camino	2017	2	225.72	29.70	225.72	0.00	0.00	0.00	0.00
Camino	2017	3	303.24	39.90	303.24	0.00	0.00	0.00	0.00
Camino	2017	4	255.36	33.60	255.36	0.00	0.00	0.00	0.00
Camino	2017	5	258.40	34.00	258.40	0.00	0.00	0.00	0.00
Camino	2017	6	251.56	33.10	251.56	0.00	0.00	0.00	0.00
Camino	2017	7	252.32	33.20	252.32	0.00	0.00	0.00	0.00
Camino	2017	8	295.64	38.90	295.64	0.00	0.00	0.00	0.00
Camino	2017	9	263.72	34.70	263.72	0.00	0.00	0.00	0.00
Camino	2017	10	136.04	17.90	136.04	0.00	0.00	0.00	0.00
Camino	2017	11	137.56	18.10	137.56	0.00	0.00	0.00	0.00
Camino	2017	12	194.56	25.60	194.56	0.00	0.00	0.00	0.00
Camp Far West	2017		160.27	21.09	160.27	0.00	0.00	0.00	0.00
Camp Far West	2017	1	13.01	1.71	13.01	0.00	0.00	0.00	0.00
Camp Far West	2017	2	20.94	2.76	20.94	0.00	0.00	0.00	0.00
Camp Far West	2017	3	22.62	2.98	22.62	0.00	0.00	0.00	0.00
Camp Far West	2017	4	18.60	2.45	18.60	0.00	0.00	0.00	0.00
Camp Far West	2017	5	21.49	2.83	21.49	0.00	0.00	0.00	0.00
Camp Far West	2017	6	20.79	2.74	20.79	0.00	0.00	0.00	0.00
Camp Far West	2017	7	16.96	2.23	16.96	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Camp Far West	2017	8	14.70	1.93	14.70	0.00	0.00	0.00	0.00
Camp Far West	2017	9	2.19	0.29	2.19	0.00	0.00	0.00	0.00
Camp Far West	2017	10	1.13	0.15	1.13	0.00	0.00	0.00	0.00
Camp Far West	2017	11	2.19	0.29	2.19	0.00	0.00	0.00	0.00
Camp Far West	2017	12	5.65	0.74	5.65	0.00	0.00	0.00	0.00
Carson Ice CGCC	2017		24,142.14	389.62	21,461.03	1.59	682.45	1,996.82	0.25
Carson Ice CGCC	2017	1	2,087.24	31.40	1,862.48	0.15	55.01	169.59	0.02
Carson Ice CGCC	2017	2	1,760.94	27.49	1,559.47	0.12	48.15	153.18	0.02
Carson Ice CGCC	2017	3	1,931.40	31.41	1,706.64	0.13	55.01	169.59	0.02
Carson Ice CGCC	2017	4	1,817.16	30.31	1,599.81	0.12	53.09	164.12	0.02
Carson Ice CGCC	2017	5	1,957.07	33.37	1,728.89	0.13	58.44	169.59	0.02
Carson Ice CGCC	2017	6	1,899.10	32.64	1,677.65	0.12	57.18	164.12	0.02
Carson Ice CGCC	2017	7	1,988.42	34.09	1,758.98	0.13	59.71	169.59	0.02
Carson Ice CGCC	2017	8	2,072.07	35.15	1,840.76	0.13	61.57	169.59	0.02
Carson Ice CGCC	2017	9	2,097.55	34.79	1,872.34	0.13	60.93	164.12	0.02
Carson Ice CGCC	2017	10	2,093.00	33.14	1,865.21	0.14	58.05	169.59	0.02
Carson Ice CGCC	2017	11	2,129.98	32.45	1,908.86	0.14	56.84	164.12	0.02
Carson Ice CGCC	2017	12	2,308.20	33.39	2,079.95	0.15	58.48	169.59	0.02
Carson Ice CGGT	2017		5,713.14	61.79	3,972.85	67.78	236.16	1,436.31	0.05
Carson Ice CGGT	2017	1	121.99	0.00	0.00	0.00	0.00	121.99	0.00
Carson Ice CGGT	2017	2	110.18	0.00	0.00	0.00	0.00	110.18	0.00
Carson Ice CGGT	2017	3	121.99	0.00	0.00	0.00	0.00	121.99	0.00
Carson Ice CGGT	2017	4	118.05	0.00	0.00	0.00	0.00	118.05	0.00
Carson Ice CGGT	2017	5	639.44	7.62	479.48	8.85	29.11	121.99	0.01
Carson Ice CGGT	2017	6	890.77	11.49	717.53	11.28	43.89	118.05	0.01
Carson Ice CGGT	2017	7	1,009.77	13.11	823.07	14.60	50.10	121.99	0.01
Carson Ice CGGT	2017	8	1,060.58	13.64	871.60	14.86	52.13	121.99	0.01
Carson Ice CGGT	2017	9	872.90	10.63	699.41	14.81	40.62	118.05	0.01
Carson Ice CGGT	2017	10	121.99	0.00	0.00	0.00	0.00	121.99	0.00
Carson Ice CGGT	2017	11	523.50	5.31	381.76	3.38	20.31	118.05	0.00
Carson Ice CGGT	2017	12	121.99	0.00	0.00	0.00	0.00	121.99	0.00
CDWR_Ex_6x16OnPl	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2017		90,248.95	1,441.37	90,248.95	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	1	16,779.57	261.24	16,779.57	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	2	11,099.43	188.88	11,099.43	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	3	6,477.34	110.31	6,477.34	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	4	5,704.72	102.83	5,704.72	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	5	3,043.24	61.26	3,043.24	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	6	3,719.40	61.76	3,719.40	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	7	2,734.00	44.23	2,734.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	8	1,672.16	26.65	1,672.16	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	9	2,837.70	44.55	2,837.70	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	10	10,580.50	166.69	10,580.50	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	11	11,580.49	169.80	11,580.49	0.00	0.00	0.00	0.00
CNP15_Markets p	2017	12	14,020.39	203.17	14,020.39	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 2b	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 2b	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2017		6,636.19	75.85	4,756.89	33.19	1,012.11	834.00	0.00
G1nGT SMUD 33	2017	1	156.25	1.02	70.21	1.62	13.59	70.83	0.00
G1nGT SMUD 33	2017	2	63.98	0.00	0.00	0.00	0.00	63.98	0.00
G1nGT SMUD 33	2017	3	70.83	0.00	0.00	0.00	0.00	70.83	0.00
G1nGT SMUD 33	2017	4	123.75	0.73	44.68	0.80	9.72	68.55	0.00
G1nGT SMUD 33	2017	5	572.80	6.78	408.35	3.20	90.42	70.83	0.00
G1nGT SMUD 33	2017	6	642.26	7.80	466.53	3.10	104.08	68.55	0.00
G1nGT SMUD 33	2017	7	1,302.62	16.70	1,004.11	4.79	222.89	70.83	0.00
G1nGT SMUD 33	2017	8	1,380.00	17.49	1,070.19	5.55	233.42	70.83	0.00
G1nGT SMUD 33	2017	9	1,054.01	12.86	810.03	3.87	171.57	68.55	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
G1nGT SMUD 33	2017	10	140.64	0.89	57.96	0.03	11.82	70.83	0.00
G1nGT SMUD 33	2017	11	441.96	4.50	309.50	3.87	60.05	68.55	0.00
G1nGT SMUD 33	2017	12	687.09	7.09	515.33	6.37	94.55	70.83	0.00
GenGT SMUD 1	2017		10,087.47	119.30	7,601.25	60.24	1,591.98	834.00	0.00
GenGT SMUD 1	2017	1	665.87	7.17	494.52	4.79	95.73	70.83	0.00
GenGT SMUD 1	2017	2	379.02	3.92	257.69	5.04	52.31	63.98	0.00
GenGT SMUD 1	2017	3	448.28	4.87	307.65	4.79	65.00	70.83	0.00
GenGT SMUD 1	2017	4	405.25	4.46	273.36	3.87	59.48	68.55	0.00
GenGT SMUD 1	2017	5	751.22	9.17	552.48	5.58	122.33	70.83	0.00
GenGT SMUD 1	2017	6	929.10	11.70	699.79	4.63	156.12	68.55	0.00
GenGT SMUD 1	2017	7	1,276.84	16.34	982.36	5.58	218.06	70.83	0.00
GenGT SMUD 1	2017	8	1,514.55	19.31	1,181.27	4.79	257.65	70.83	0.00
GenGT SMUD 1	2017	9	1,206.06	14.83	934.23	5.40	197.87	68.55	0.00
GenGT SMUD 1	2017	10	578.79	6.38	417.28	5.58	85.10	70.83	0.00
GenGT SMUD 1	2017	11	865.83	9.64	663.21	5.40	128.67	68.55	0.00
GenGT SMUD 1	2017	12	1,066.68	11.51	837.41	4.79	153.65	70.83	0.00
GenGT SMUD 10	2017		9,787.65	115.35	7,350.27	64.18	1,539.19	834.00	0.00
GenGT SMUD 10	2017	1	620.09	6.60	454.83	6.37	88.05	70.83	0.00
GenGT SMUD 10	2017	2	341.06	3.44	226.14	5.04	45.90	63.98	0.00
GenGT SMUD 10	2017	3	464.21	5.05	318.84	7.17	67.37	70.83	0.00
GenGT SMUD 10	2017	4	368.38	3.94	241.82	5.40	52.61	68.55	0.00
GenGT SMUD 10	2017	5	740.64	9.03	544.47	4.79	120.55	70.83	0.00
GenGT SMUD 10	2017	6	831.90	10.37	620.33	4.63	138.40	68.55	0.00
GenGT SMUD 10	2017	7	1,335.40	17.14	1,030.28	5.58	228.70	70.83	0.00
GenGT SMUD 10	2017	8	1,449.34	18.42	1,127.09	5.58	245.83	70.83	0.00
GenGT SMUD 10	2017	9	1,212.60	14.91	939.63	5.40	199.02	68.55	0.00
GenGT SMUD 10	2017	10	550.09	6.02	394.10	4.79	80.37	70.83	0.00
GenGT SMUD 10	2017	11	734.84	8.06	554.14	4.63	107.51	68.55	0.00
GenGT SMUD 10	2017	12	1,139.10	12.36	898.60	4.79	164.87	70.83	0.00
GenGT SMUD 11	2017		9,517.07	111.87	7,125.56	64.77	1,492.73	834.00	0.00
GenGT SMUD 11	2017	1	586.51	6.20	427.36	5.58	82.73	70.83	0.00
GenGT SMUD 11	2017	2	340.05	3.40	223.51	7.19	45.37	63.98	0.00
GenGT SMUD 11	2017	3	429.54	4.61	290.87	6.37	61.46	70.83	0.00
GenGT SMUD 11	2017	4	293.24	2.96	181.36	3.87	39.46	68.55	0.00
GenGT SMUD 11	2017	5	717.82	8.72	525.79	4.79	116.42	70.83	0.00
GenGT SMUD 11	2017	6	838.94	10.46	625.45	5.40	139.54	68.55	0.00
GenGT SMUD 11	2017	7	1,373.64	17.67	1,062.23	4.79	235.79	70.83	0.00
GenGT SMUD 11	2017	8	1,363.53	17.27	1,056.64	5.58	230.47	70.83	0.00
GenGT SMUD 11	2017	9	1,199.51	14.74	928.83	5.40	196.73	68.55	0.00
GenGT SMUD 11	2017	10	518.69	5.62	368.02	4.79	75.05	70.83	0.00
GenGT SMUD 11	2017	11	791.15	8.74	601.31	4.63	116.66	68.55	0.00
GenGT SMUD 11	2017	12	1,064.45	11.47	834.19	6.37	153.06	70.83	0.00
GenGT SMUD 12	2017		9,454.16	111.02	7,074.00	64.77	1,481.39	834.00	0.00
GenGT SMUD 12	2017	1	590.12	6.24	430.41	5.55	83.32	70.83	0.00
GenGT SMUD 12	2017	2	343.21	3.44	226.14	7.19	45.90	63.98	0.00
GenGT SMUD 12	2017	3	371.94	3.85	243.32	6.37	51.41	70.83	0.00
GenGT SMUD 12	2017	4	305.27	3.13	191.88	3.10	41.75	68.55	0.00
GenGT SMUD 12	2017	5	685.23	8.28	499.10	4.79	110.51	70.83	0.00
GenGT SMUD 12	2017	6	863.26	10.80	645.96	4.63	144.12	68.55	0.00
GenGT SMUD 12	2017	7	1,367.13	17.58	1,056.91	4.79	234.61	70.83	0.00
GenGT SMUD 12	2017	8	1,385.84	17.58	1,075.61	4.79	234.61	70.83	0.00
GenGT SMUD 12	2017	9	1,218.38	15.00	945.03	4.63	200.16	68.55	0.00
GenGT SMUD 12	2017	10	447.01	4.69	307.16	6.37	62.64	70.83	0.00
GenGT SMUD 12	2017	11	739.90	8.10	557.09	6.17	108.09	68.55	0.00
GenGT SMUD 12	2017	12	1,136.87	12.31	895.38	6.37	164.28	70.83	0.00
GenGT SMUD 13	2017		8,939.42	104.48	6,646.36	64.82	1,394.24	834.00	0.00
GenGT SMUD 13	2017	1	547.22	5.71	393.78	6.37	76.23	70.83	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 13	2017	2	295.76	2.84	186.69	7.19	37.90	63.98	0.00
GenGT SMUD 13	2017	3	410.00	4.34	274.09	7.17	57.91	70.83	0.00
GenGT SMUD 13	2017	4	212.46	1.89	115.65	3.10	25.16	68.55	0.00
GenGT SMUD 13	2017	5	672.19	8.10	488.42	4.79	108.14	70.83	0.00
GenGT SMUD 13	2017	6	844.44	10.54	630.58	4.63	140.68	68.55	0.00
GenGT SMUD 13	2017	7	1,299.61	16.65	1,001.00	5.58	222.20	70.83	0.00
GenGT SMUD 13	2017	8	1,356.93	17.18	1,051.23	5.58	229.29	70.83	0.00
GenGT SMUD 13	2017	9	1,136.58	13.93	877.53	4.63	185.86	68.55	0.00
GenGT SMUD 13	2017	10	458.59	4.87	318.76	4.00	65.00	70.83	0.00
GenGT SMUD 13	2017	11	725.05	7.93	545.30	5.40	105.80	68.55	0.00
GenGT SMUD 13	2017	12	980.59	10.50	763.33	6.37	140.05	70.83	0.00
GenGT SMUD 14	2017		8,926.28	104.23	6,638.14	63.26	1,390.88	834.00	0.00
GenGT SMUD 14	2017	1	569.87	5.98	412.10	7.17	79.78	70.83	0.00
GenGT SMUD 14	2017	2	289.43	2.76	181.44	7.19	36.83	63.98	0.00
GenGT SMUD 14	2017	3	346.64	3.54	223.75	4.79	47.28	70.83	0.00
GenGT SMUD 14	2017	4	240.50	2.27	139.31	2.33	30.31	68.55	0.00
GenGT SMUD 14	2017	5	658.35	7.93	477.75	4.00	105.78	70.83	0.00
GenGT SMUD 14	2017	6	822.50	10.24	612.64	4.63	136.68	68.55	0.00
GenGT SMUD 14	2017	7	1,354.12	17.40	1,046.26	4.79	232.24	70.83	0.00
GenGT SMUD 14	2017	8	1,316.53	16.65	1,018.71	4.79	222.20	70.83	0.00
GenGT SMUD 14	2017	9	1,094.04	13.37	842.43	4.63	178.43	68.55	0.00
GenGT SMUD 14	2017	10	455.10	4.83	315.86	4.00	64.41	70.83	0.00
GenGT SMUD 14	2017	11	749.69	8.23	565.94	5.40	109.80	68.55	0.00
GenGT SMUD 14	2017	12	1,029.51	11.03	801.98	9.55	147.15	70.83	0.00
GenGT SMUD 15	2017		8,616.60	100.42	6,376.17	66.41	1,340.02	834.00	0.00
GenGT SMUD 15	2017	1	486.07	4.96	341.89	7.17	66.19	70.83	0.00
GenGT SMUD 15	2017	2	248.31	2.24	147.25	7.19	29.89	63.98	0.00
GenGT SMUD 15	2017	3	330.50	3.32	209.76	5.58	44.32	70.83	0.00
GenGT SMUD 15	2017	4	247.67	2.36	144.57	3.10	31.45	68.55	0.00
GenGT SMUD 15	2017	5	633.07	7.57	456.39	4.79	101.05	70.83	0.00
GenGT SMUD 15	2017	6	822.50	10.24	612.64	4.63	136.68	68.55	0.00
GenGT SMUD 15	2017	7	1,283.34	16.43	987.69	5.58	219.24	70.83	0.00
GenGT SMUD 15	2017	8	1,415.54	17.98	1,099.99	4.79	239.92	70.83	0.00
GenGT SMUD 15	2017	9	1,123.49	13.76	866.73	4.63	183.58	68.55	0.00
GenGT SMUD 15	2017	10	416.72	4.34	283.98	4.00	57.91	70.83	0.00
GenGT SMUD 15	2017	11	637.06	6.86	471.61	5.40	91.50	68.55	0.00
GenGT SMUD 15	2017	12	972.33	10.36	753.67	9.55	138.28	70.83	0.00
GenGT SMUD 16	2017		8,215.99	95.35	6,047.86	61.73	1,272.41	834.00	0.00
GenGT SMUD 16	2017	1	483.22	4.92	338.83	7.96	65.60	70.83	0.00
GenGT SMUD 16	2017	2	212.80	1.80	118.33	6.47	24.02	63.98	0.00
GenGT SMUD 16	2017	3	278.10	2.66	167.81	4.00	35.46	70.83	0.00
GenGT SMUD 16	2017	4	209.26	1.84	113.02	3.10	24.59	68.55	0.00
GenGT SMUD 16	2017	5	516.59	6.02	362.98	2.41	80.37	70.83	0.00
GenGT SMUD 16	2017	6	788.01	9.77	584.44	4.63	130.39	68.55	0.00
GenGT SMUD 16	2017	7	1,337.86	17.18	1,032.95	4.79	229.29	70.83	0.00
GenGT SMUD 16	2017	8	1,389.14	17.63	1,078.32	4.79	235.20	70.83	0.00
GenGT SMUD 16	2017	9	1,100.58	13.46	847.83	4.63	179.57	68.55	0.00
GenGT SMUD 16	2017	10	370.58	3.76	246.31	3.20	50.23	70.83	0.00
GenGT SMUD 16	2017	11	686.34	7.46	512.88	5.40	99.51	68.55	0.00
GenGT SMUD 16	2017	12	843.52	8.86	644.16	10.34	118.19	70.83	0.00
GenGT SMUD 17	2017		7,788.84	90.06	5,694.57	58.53	1,201.74	834.00	0.00
GenGT SMUD 17	2017	1	424.13	4.21	289.99	7.17	56.14	70.83	0.00
GenGT SMUD 17	2017	2	191.37	1.52	99.92	7.19	20.28	63.98	0.00
GenGT SMUD 17	2017	3	228.07	1.99	125.86	4.79	26.59	70.83	0.00
GenGT SMUD 17	2017	4	198.13	1.71	105.14	1.56	22.88	68.55	0.00
GenGT SMUD 17	2017	5	611.92	7.31	440.38	3.20	97.51	70.83	0.00
GenGT SMUD 17	2017	6	769.20	9.51	569.06	4.63	126.96	68.55	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 17	2017	7	1,259.78	16.12	969.05	4.79	215.11	70.83	0.00
GenGT SMUD 17	2017	8	1,336.33	16.92	1,034.97	4.79	225.74	70.83	0.00
GenGT SMUD 17	2017	9	1,084.99	13.24	834.33	5.40	176.71	68.55	0.00
GenGT SMUD 17	2017	10	352.34	3.54	231.82	2.41	47.28	70.83	0.00
GenGT SMUD 17	2017	11	544.79	5.74	394.98	4.63	76.63	68.55	0.00
GenGT SMUD 17	2017	12	787.78	8.24	599.07	7.96	109.92	70.83	0.00
GenGT SMUD 18	2017		7,855.10	90.90	5,753.37	54.82	1,212.91	834.00	0.00
GenGT SMUD 18	2017	1	428.57	4.25	293.05	7.96	56.73	70.83	0.00
GenGT SMUD 18	2017	2	160.75	1.16	76.26	5.04	15.48	63.98	0.00
GenGT SMUD 18	2017	3	216.32	1.86	117.47	3.20	24.82	70.83	0.00
GenGT SMUD 18	2017	4	224.50	2.06	126.17	2.33	27.45	68.55	0.00
GenGT SMUD 18	2017	5	507.60	5.89	354.97	3.20	78.60	70.83	0.00
GenGT SMUD 18	2017	6	775.47	9.60	574.19	4.63	128.10	68.55	0.00
GenGT SMUD 18	2017	7	1,334.60	17.14	1,030.28	4.79	228.70	70.83	0.00
GenGT SMUD 18	2017	8	1,339.63	16.96	1,037.68	4.79	226.33	70.83	0.00
GenGT SMUD 18	2017	9	1,126.76	13.80	869.43	4.63	184.15	68.55	0.00
GenGT SMUD 18	2017	10	334.90	3.32	217.33	2.41	44.32	70.83	0.00
GenGT SMUD 18	2017	11	568.66	6.04	415.61	3.87	80.64	68.55	0.00
GenGT SMUD 18	2017	12	837.33	8.81	640.94	7.96	117.60	70.83	0.00
GenGT SMUD 19	2017		7,649.04	88.26	5,582.51	54.77	1,177.76	834.00	0.00
GenGT SMUD 19	2017	1	353.32	3.37	231.99	5.58	44.91	70.83	0.00
GenGT SMUD 19	2017	2	151.26	1.04	68.37	5.04	13.88	63.98	0.00
GenGT SMUD 19	2017	3	188.43	1.51	95.09	2.41	20.09	70.83	0.00
GenGT SMUD 19	2017	4	206.06	1.80	110.40	3.10	24.02	68.55	0.00
GenGT SMUD 19	2017	5	536.94	6.29	378.99	3.20	83.91	70.83	0.00
GenGT SMUD 19	2017	6	762.16	9.43	563.93	3.87	125.81	68.55	0.00
GenGT SMUD 19	2017	7	1,270.33	16.25	977.04	5.58	216.88	70.83	0.00
GenGT SMUD 19	2017	8	1,389.14	17.63	1,078.32	4.79	235.20	70.83	0.00
GenGT SMUD 19	2017	9	1,107.13	13.54	853.23	4.63	180.72	68.55	0.00
GenGT SMUD 19	2017	10	300.01	2.88	188.36	2.41	38.41	70.83	0.00
GenGT SMUD 19	2017	11	492.77	5.10	350.76	5.40	68.05	68.55	0.00
GenGT SMUD 19	2017	12	891.49	9.43	686.03	8.75	125.87	70.83	0.00
GenGT SMUD 2	2017		7,555.51	87.19	5,507.12	50.93	1,163.46	834.00	0.00
GenGT SMUD 2	2017	1	361.40	3.45	238.10	6.37	46.09	70.83	0.00
GenGT SMUD 2	2017	2	128.41	0.76	49.96	4.33	10.14	63.98	0.00
GenGT SMUD 2	2017	3	184.25	1.46	92.30	1.62	19.50	70.83	0.00
GenGT SMUD 2	2017	4	190.06	1.59	97.25	3.10	21.16	68.55	0.00
GenGT SMUD 2	2017	5	589.10	7.00	421.70	3.20	93.37	70.83	0.00
GenGT SMUD 2	2017	6	759.03	9.39	561.37	3.87	125.24	68.55	0.00
GenGT SMUD 2	2017	7	1,283.34	16.43	987.69	5.58	219.24	70.83	0.00
GenGT SMUD 2	2017	8	1,379.24	17.49	1,070.19	4.79	233.42	70.83	0.00
GenGT SMUD 2	2017	9	1,103.86	13.50	850.53	4.63	180.14	68.55	0.00
GenGT SMUD 2	2017	10	222.46	1.90	124.60	1.62	25.41	70.83	0.00
GenGT SMUD 2	2017	11	501.79	5.23	359.60	3.87	69.77	68.55	0.00
GenGT SMUD 2	2017	12	852.58	8.99	653.82	7.96	119.96	70.83	0.00
GenGT SMUD 20	2017		7,058.60	80.85	5,099.43	46.35	1,078.82	834.00	0.00
GenGT SMUD 20	2017	1	305.96	2.79	192.31	5.58	37.23	70.83	0.00
GenGT SMUD 20	2017	2	111.16	0.56	36.81	2.89	7.47	63.98	0.00
GenGT SMUD 20	2017	3	125.86	0.71	44.75	0.82	9.46	70.83	0.00
GenGT SMUD 20	2017	4	166.89	1.29	78.85	2.33	17.16	68.55	0.00
GenGT SMUD 20	2017	5	481.52	5.54	333.62	3.20	73.87	70.83	0.00
GenGT SMUD 20	2017	6	626.58	7.59	453.71	3.10	101.22	68.55	0.00
GenGT SMUD 20	2017	7	1,331.35	17.09	1,027.62	4.79	228.11	70.83	0.00
GenGT SMUD 20	2017	8	1,379.24	17.49	1,070.19	4.79	233.42	70.83	0.00
GenGT SMUD 20	2017	9	1,005.70	12.21	769.53	4.63	162.99	68.55	0.00
GenGT SMUD 20	2017	10	279.08	2.61	170.97	2.41	34.87	70.83	0.00
GenGT SMUD 20	2017	11	530.71	5.57	383.19	4.63	74.35	68.55	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 20	2017	12	714.56	7.40	537.87	7.17	98.69	70.83	0.00
GenGT SMUD 21	2017		7,040.54	80.74	5,085.98	43.21	1,077.36	834.00	0.00
GenGT SMUD 21	2017	1	231.50	1.90	131.26	4.00	25.41	70.83	0.00
GenGT SMUD 21	2017	2	101.67	0.44	28.92	2.89	5.87	63.98	0.00
GenGT SMUD 21	2017	3	160.53	1.15	72.72	1.62	15.36	70.83	0.00
GenGT SMUD 21	2017	4	159.72	1.20	73.60	1.56	16.01	68.55	0.00
GenGT SMUD 21	2017	5	477.47	5.49	330.95	2.41	73.28	70.83	0.00
GenGT SMUD 21	2017	6	651.66	7.93	474.22	3.10	105.80	68.55	0.00
GenGT SMUD 21	2017	7	1,328.10	17.05	1,024.96	4.79	227.51	70.83	0.00
GenGT SMUD 21	2017	8	1,362.74	17.27	1,056.64	4.79	230.47	70.83	0.00
GenGT SMUD 21	2017	9	1,103.86	13.50	850.53	4.63	180.14	68.55	0.00
GenGT SMUD 21	2017	10	226.75	1.95	127.50	2.41	26.00	70.83	0.00
GenGT SMUD 21	2017	11	488.48	5.06	347.81	4.63	67.48	68.55	0.00
GenGT SMUD 21	2017	12	748.08	7.79	566.86	6.37	104.01	70.83	0.00
GenGT SMUD 25	2017		6,827.67	78.02	4,912.36	40.19	1,041.12	834.00	0.00
GenGT SMUD 25	2017	1	219.78	1.77	122.10	3.20	23.64	70.83	0.00
GenGT SMUD 25	2017	2	87.58	0.28	18.41	1.46	3.74	63.98	0.00
GenGT SMUD 25	2017	3	140.20	0.89	55.94	1.62	11.82	70.83	0.00
GenGT SMUD 25	2017	4	124.52	0.73	44.68	1.56	9.72	68.55	0.00
GenGT SMUD 25	2017	5	503.55	5.85	352.30	2.41	78.01	70.83	0.00
GenGT SMUD 25	2017	6	598.36	7.20	430.64	3.10	96.08	68.55	0.00
GenGT SMUD 25	2017	7	1,328.10	17.05	1,024.96	4.79	227.51	70.83	0.00
GenGT SMUD 25	2017	8	1,329.73	16.83	1,029.55	4.79	224.56	70.83	0.00
GenGT SMUD 25	2017	9	1,087.50	13.29	837.03	4.63	177.28	68.55	0.00
GenGT SMUD 25	2017	10	215.49	1.82	118.81	1.62	24.23	70.83	0.00
GenGT SMUD 25	2017	11	463.84	4.76	327.18	4.63	63.48	68.55	0.00
GenGT SMUD 25	2017	12	729.02	7.57	550.76	6.37	101.05	70.83	0.00
GenGT SMUD 26	2017		6,698.65	76.21	4,808.20	39.45	1,017.00	834.00	0.00
GenGT SMUD 26	2017	1	208.85	1.64	112.94	3.20	21.87	70.83	0.00
GenGT SMUD 26	2017	2	81.25	0.20	13.15	1.46	2.67	63.98	0.00
GenGT SMUD 26	2017	3	88.60	0.22	13.98	0.82	2.95	70.83	0.00
GenGT SMUD 26	2017	4	98.15	0.39	23.66	0.80	5.15	68.55	0.00
GenGT SMUD 26	2017	5	504.34	5.85	352.30	3.20	78.01	70.83	0.00
GenGT SMUD 26	2017	6	522.35	6.17	369.12	2.33	82.35	68.55	0.00
GenGT SMUD 26	2017	7	1,259.78	16.12	969.05	4.79	215.11	70.83	0.00
GenGT SMUD 26	2017	8	1,379.24	17.49	1,070.19	4.79	233.42	70.83	0.00
GenGT SMUD 26	2017	9	1,103.86	13.50	850.53	4.63	180.14	68.55	0.00
GenGT SMUD 26	2017	10	215.49	1.82	118.81	1.62	24.23	70.83	0.00
GenGT SMUD 26	2017	11	449.76	4.59	315.39	4.63	61.19	68.55	0.00
GenGT SMUD 26	2017	12	786.99	8.24	599.07	7.17	109.92	70.83	0.00
GenGT SMUD 27	2017		6,517.00	74.07	4,659.02	35.53	988.45	834.00	0.00
GenGT SMUD 27	2017	1	163.54	1.11	76.31	1.62	14.77	70.83	0.00
GenGT SMUD 27	2017	2	74.21	0.12	7.89	0.74	1.60	63.98	0.00
GenGT SMUD 27	2017	3	86.00	0.18	11.19	1.62	2.36	70.83	0.00
GenGT SMUD 27	2017	4	146.92	1.03	63.08	1.56	13.73	68.55	0.00
GenGT SMUD 27	2017	5	487.25	5.62	338.96	2.41	75.05	70.83	0.00
GenGT SMUD 27	2017	6	629.72	7.63	456.27	3.10	101.80	68.55	0.00
GenGT SMUD 27	2017	7	1,203.68	15.37	923.80	4.00	205.06	70.83	0.00
GenGT SMUD 27	2017	8	1,314.02	16.61	1,016.00	5.58	221.61	70.83	0.00
GenGT SMUD 27	2017	9	1,103.86	13.50	850.53	4.63	180.14	68.55	0.00
GenGT SMUD 27	2017	10	140.64	0.89	57.96	0.03	11.82	70.83	0.00
GenGT SMUD 27	2017	11	441.96	4.50	309.50	3.87	60.05	68.55	0.00
GenGT SMUD 27	2017	12	725.21	7.53	547.54	6.37	100.46	70.83	0.00
GenGT SMUD 28	2017		6,644.96	75.87	4,764.56	34.05	1,012.35	834.00	0.00
GenGT SMUD 28	2017	1	174.47	1.24	85.47	1.62	16.55	70.83	0.00
GenGT SMUD 28	2017	2	67.17	0.04	2.63	0.03	0.53	63.98	0.00
GenGT SMUD 28	2017	3	74.25	0.04	2.80	0.03	0.59	70.83	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 41	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 41	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2017		5,567.64	61.32	3,886.14	29.25	818.24	834.00	0.00
GenGT SMUD 45	2017	1	70.83	0.00	0.00	0.00	0.00	70.83	0.00
GenGT SMUD 45	2017	2	63.98	0.00	0.00	0.00	0.00	63.98	0.00
GenGT SMUD 45	2017	3	70.83	0.00	0.00	0.00	0.00	70.83	0.00
GenGT SMUD 45	2017	4	116.58	0.64	39.43	0.03	8.58	68.55	0.00
GenGT SMUD 45	2017	5	166.99	1.28	77.40	1.62	17.14	70.83	0.00
GenGT SMUD 45	2017	6	544.30	6.47	387.06	2.33	86.35	68.55	0.00
GenGT SMUD 45	2017	7	872.65	10.85	652.25	4.79	144.78	70.83	0.00
GenGT SMUD 45	2017	8	1,233.99	15.54	950.95	4.79	207.42	70.83	0.00
GenGT SMUD 45	2017	9	1,061.71	12.95	815.75	4.63	172.78	68.55	0.00
GenGT SMUD 45	2017	10	140.64	0.89	57.96	0.03	11.82	70.83	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 45	2017	11	441.96	4.50	309.50	3.87	60.05	68.55	0.00
GenGT SMUD 45	2017	12	783.17	8.19	595.85	7.17	109.33	70.83	0.00
GenGT SMUD 46	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2017		5,382.19	58.94	3,734.03	27.67	786.49	834.00	0.00
GenGT SMUD 5	2017	1	107.30	0.44	30.53	0.03	5.91	70.83	0.00
GenGT SMUD 5	2017	2	63.98	0.00	0.00	0.00	0.00	63.98	0.00
GenGT SMUD 5	2017	3	70.83	0.00	0.00	0.00	0.00	70.83	0.00
GenGT SMUD 5	2017	4	68.55	0.00	0.00	0.00	0.00	68.55	0.00
GenGT SMUD 5	2017	5	120.56	0.66	40.03	0.82	8.86	70.83	0.00
GenGT SMUD 5	2017	6	544.30	6.47	387.06	2.33	86.35	68.55	0.00
GenGT SMUD 5	2017	7	986.51	12.40	745.43	4.79	165.47	70.83	0.00
GenGT SMUD 5	2017	8	1,185.77	14.90	911.37	4.79	198.78	70.83	0.00
GenGT SMUD 5	2017	9	907.54	10.93	688.52	4.63	145.83	68.55	0.00
GenGT SMUD 5	2017	10	140.64	0.89	57.96	0.03	11.82	70.83	0.00
GenGT SMUD 5	2017	11	441.96	4.50	309.50	3.87	60.05	68.55	0.00
GenGT SMUD 5	2017	12	744.26	7.75	563.64	6.37	103.42	70.83	0.00
GenGT SMUD 6	2017		5,072.75	55.00	3,478.84	26.05	733.86	834.00	0.00
GenGT SMUD 6	2017	1	70.83	0.00	0.00	0.00	0.00	70.83	0.00
GenGT SMUD 6	2017	2	63.98	0.00	0.00	0.00	0.00	63.98	0.00
GenGT SMUD 6	2017	3	70.83	0.00	0.00	0.00	0.00	70.83	0.00
GenGT SMUD 6	2017	4	68.55	0.00	0.00	0.00	0.00	68.55	0.00
GenGT SMUD 6	2017	5	77.38	0.09	5.34	0.03	1.18	70.83	0.00
GenGT SMUD 6	2017	6	531.76	6.30	376.81	2.33	84.07	68.55	0.00
GenGT SMUD 6	2017	7	905.18	11.29	678.87	4.79	150.69	70.83	0.00
GenGT SMUD 6	2017	8	1,129.57	14.14	865.23	4.79	188.72	70.83	0.00
GenGT SMUD 6	2017	9	923.90	11.14	702.02	4.63	148.69	68.55	0.00
GenGT SMUD 6	2017	10	140.64	0.89	57.96	0.03	11.82	70.83	0.00
GenGT SMUD 6	2017	11	441.96	4.50	309.50	3.87	60.05	68.55	0.00
GenGT SMUD 6	2017	12	648.18	6.64	483.12	5.58	88.64	70.83	0.00
GenGT SMUD 7	2017		4,926.95	52.92	3,361.49	25.32	706.14	834.00	0.00
GenGT SMUD 7	2017	1	107.30	0.44	30.53	0.03	5.91	70.83	0.00
GenGT SMUD 7	2017	2	63.98	0.00	0.00	0.00	0.00	63.98	0.00
GenGT SMUD 7	2017	3	70.83	0.00	0.00	0.00	0.00	70.83	0.00
GenGT SMUD 7	2017	4	68.55	0.00	0.00	0.00	0.00	68.55	0.00
GenGT SMUD 7	2017	5	77.38	0.09	5.34	0.03	1.18	70.83	0.00
GenGT SMUD 7	2017	6	469.05	5.44	325.54	2.33	72.63	68.55	0.00
GenGT SMUD 7	2017	7	828.01	10.25	616.36	4.00	136.82	70.83	0.00
GenGT SMUD 7	2017	8	1,069.14	13.33	815.62	4.79	177.90	70.83	0.00
GenGT SMUD 7	2017	9	936.07	11.30	712.07	4.63	150.82	68.55	0.00
GenGT SMUD 7	2017	10	140.64	0.89	57.96	0.03	11.82	70.83	0.00
GenGT SMUD 7	2017	11	370.80	3.64	250.54	3.10	48.61	68.55	0.00
GenGT SMUD 7	2017	12	725.21	7.53	547.54	6.37	100.46	70.83	0.00
GenGT SMUD 8	2017		4,818.22	51.56	3,270.19	26.08	687.95	834.00	0.00
GenGT SMUD 8	2017	1	70.83	0.00	0.00	0.00	0.00	70.83	0.00
GenGT SMUD 8	2017	2	63.98	0.00	0.00	0.00	0.00	63.98	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Kiefer Landfil 1	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2017		738.72	97.20	738.72	0.00	0.00	0.00	0.00
Loon Lake	2017	1	39.52	5.20	39.52	0.00	0.00	0.00	0.00
Loon Lake	2017	2	78.28	10.30	78.28	0.00	0.00	0.00	0.00
Loon Lake	2017	3	63.08	8.30	63.08	0.00	0.00	0.00	0.00
Loon Lake	2017	4	55.48	7.30	55.48	0.00	0.00	0.00	0.00
Loon Lake	2017	5	72.20	9.50	72.20	0.00	0.00	0.00	0.00
Loon Lake	2017	6	104.12	13.70	104.12	0.00	0.00	0.00	0.00
Loon Lake	2017	7	97.28	12.80	97.28	0.00	0.00	0.00	0.00
Loon Lake	2017	8	85.12	11.20	85.12	0.00	0.00	0.00	0.00
Loon Lake	2017	9	41.04	5.40	41.04	0.00	0.00	0.00	0.00
Loon Lake	2017	10	38.00	5.00	38.00	0.00	0.00	0.00	0.00
Loon Lake	2017	11	25.08	3.30	25.08	0.00	0.00	0.00	0.00
Loon Lake	2017	12	39.52	5.20	39.52	0.00	0.00	0.00	0.00
McClellan CT 1	2017		422.12	0.00	0.00	0.00	0.00	422.12	0.00
McClellan CT 1	2017	1	35.85	0.00	0.00	0.00	0.00	35.85	0.00
McClellan CT 1	2017	2	32.38	0.00	0.00	0.00	0.00	32.38	0.00
McClellan CT 1	2017	3	35.85	0.00	0.00	0.00	0.00	35.85	0.00
McClellan CT 1	2017	4	34.69	0.00	0.00	0.00	0.00	34.69	0.00
McClellan CT 1	2017	5	35.85	0.00	0.00	0.00	0.00	35.85	0.00
McClellan CT 1	2017	6	34.69	0.00	0.00	0.00	0.00	34.69	0.00
McClellan CT 1	2017	7	35.85	0.00	0.00	0.00	0.00	35.85	0.00
McClellan CT 1	2017	8	35.85	0.00	0.00	0.00	0.00	35.85	0.00
McClellan CT 1	2017	9	34.69	0.00	0.00	0.00	0.00	34.69	0.00
McClellan CT 1	2017	10	35.85	0.00	0.00	0.00	0.00	35.85	0.00
McClellan CT 1	2017	11	34.69	0.00	0.00	0.00	0.00	34.69	0.00
McClellan CT 1	2017	12	35.85	0.00	0.00	0.00	0.00	35.85	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
McClellan CT 2	2017		6,215.56	87.15	5,441.71	140.74	210.92	422.12	0.07
McClellan CT 2	2017	1	511.13	6.66	447.40	11.74	16.13	35.85	0.01
McClellan CT 2	2017	2	321.67	4.17	267.07	12.12	10.10	32.38	0.00
McClellan CT 2	2017	3	462.20	6.50	399.86	10.75	15.73	35.85	0.00
McClellan CT 2	2017	4	274.04	3.75	224.16	6.09	9.08	34.69	0.00
McClellan CT 2	2017	5	554.32	8.28	486.12	12.30	20.04	35.85	0.01
McClellan CT 2	2017	6	544.13	8.17	475.88	13.77	19.77	34.69	0.01
McClellan CT 2	2017	7	579.54	8.75	512.27	10.24	21.18	35.85	0.01
McClellan CT 2	2017	8	642.81	9.59	571.27	12.49	23.20	35.85	0.01
McClellan CT 2	2017	9	608.42	8.77	538.07	14.42	21.22	34.69	0.01
McClellan CT 2	2017	10	466.49	6.27	399.88	15.56	15.19	35.85	0.00
McClellan CT 2	2017	11	582.66	7.73	517.91	11.33	18.71	34.69	0.01
McClellan CT 2	2017	12	668.16	8.50	601.81	9.93	20.56	35.85	0.01
MorganStanley1_O	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2017		24,278.26	208.54	12,974.23	181.33	2,782.70	8,339.99	0.00
Peaker SMUD 1	2017	1	810.09	1.23	85.11	0.18	16.48	708.33	0.00
Peaker SMUD 1	2017	2	639.78	0.00	0.00	0.00	0.00	639.78	0.00
Peaker SMUD 1	2017	3	708.33	0.00	0.00	0.00	0.00	708.33	0.00
Peaker SMUD 1	2017	4	685.48	0.00	0.00	0.00	0.00	685.48	0.00
Peaker SMUD 1	2017	5	708.33	0.00	0.00	0.00	0.00	708.33	0.00
Peaker SMUD 1	2017	6	1,551.04	11.52	688.85	23.02	153.68	685.48	0.00
Peaker SMUD 1	2017	7	6,416.14	77.05	4,631.79	47.89	1,028.14	708.33	0.00
Peaker SMUD 1	2017	8	6,425.08	76.08	4,654.46	47.09	1,015.21	708.33	0.00
Peaker SMUD 1	2017	9	1,832.98	14.65	923.26	28.69	195.55	685.48	0.00
Peaker SMUD 1	2017	10	845.56	1.74	113.76	0.27	23.20	708.33	0.00
Peaker SMUD 1	2017	11	1,387.17	8.36	575.24	14.85	111.61	685.48	0.00
Peaker SMUD 1	2017	12	2,268.29	17.90	1,301.77	19.34	238.85	708.33	0.00
Peaker SMUD 2	2017		8,700.77	15.32	926.07	64.32	204.38	7,505.99	0.00
Peaker SMUD 2	2017	1	637.50	0.00	0.00	0.00	0.00	637.50	0.00
Peaker SMUD 2	2017	2	575.80	0.00	0.00	0.00	0.00	575.80	0.00
Peaker SMUD 2	2017	3	637.50	0.00	0.00	0.00	0.00	637.50	0.00
Peaker SMUD 2	2017	4	616.93	0.00	0.00	0.00	0.00	616.93	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPM Energy 2	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2017		6,015.28	83.02	5,071.50	122.19	518.97	302.55	0.06
Procter & G GT 1	2017	1	25.70	0.00	0.00	0.00	0.00	25.70	0.00
Procter & G GT 1	2017	2	23.21	0.00	0.00	0.00	0.00	23.21	0.00
Procter & G GT 1	2017	3	25.70	0.00	0.00	0.00	0.00	25.70	0.00
Procter & G GT 1	2017	4	24.87	0.00	0.00	0.00	0.00	24.87	0.00
Procter & G GT 1	2017	5	700.34	10.13	594.78	16.52	63.34	25.70	0.01
Procter & G GT 1	2017	6	766.21	11.25	655.17	15.86	70.30	24.87	0.01
Procter & G GT 1	2017	7	1,123.66	16.56	969.78	24.63	103.53	25.70	0.01
Procter & G GT 1	2017	8	1,166.91	16.95	1,010.16	25.07	105.97	25.70	0.01
Procter & G GT 1	2017	9	925.49	13.01	798.43	20.85	81.33	24.87	0.01
Procter & G GT 1	2017	10	25.70	0.00	0.00	0.00	0.00	25.70	0.00
Procter & G GT 1	2017	11	558.89	7.17	480.02	9.21	44.79	24.87	0.01
Procter & G GT 1	2017	12	648.62	7.95	563.16	10.06	49.70	25.70	0.01
Robbs Peak	2017		373.16	49.10	373.16	0.00	0.00	0.00	0.00
Robbs Peak	2017	1	27.36	3.60	27.36	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Robbs Peak	2017	2	41.04	5.40	41.04	0.00	0.00	0.00	0.00
Robbs Peak	2017	3	50.92	6.70	50.92	0.00	0.00	0.00	0.00
Robbs Peak	2017	4	54.72	7.20	54.72	0.00	0.00	0.00	0.00
Robbs Peak	2017	5	54.72	7.20	54.72	0.00	0.00	0.00	0.00
Robbs Peak	2017	6	42.56	5.60	42.56	0.00	0.00	0.00	0.00
Robbs Peak	2017	7	28.88	3.80	28.88	0.00	0.00	0.00	0.00
Robbs Peak	2017	8	24.32	3.20	24.32	0.00	0.00	0.00	0.00
Robbs Peak	2017	9	11.40	1.50	11.40	0.00	0.00	0.00	0.00
Robbs Peak	2017	10	9.88	1.30	9.88	0.00	0.00	0.00	0.00
Robbs Peak	2017	11	8.36	1.10	8.36	0.00	0.00	0.00	0.00
Robbs Peak	2017	12	19.00	2.50	19.00	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2017		44,026.44	711.10	40,098.79	6.71	-1,733.58	5,654.06	0.47
SCA P&G Cogen 1	2017	1	3,769.43	56.50	3,426.31	0.61	-137.74	480.21	0.04
SCA P&G Cogen 1	2017	2	3,125.02	48.57	2,809.14	0.53	-118.41	433.74	0.03
SCA P&G Cogen 1	2017	3	3,357.06	54.14	3,008.25	0.56	-131.99	480.21	0.04
SCA P&G Cogen 1	2017	4	3,029.10	49.76	2,685.13	0.53	-121.32	464.72	0.03
SCA P&G Cogen 1	2017	5	3,682.00	63.28	3,355.49	0.54	-154.28	480.21	0.04
SCA P&G Cogen 1	2017	6	3,534.08	61.15	3,217.89	0.51	-149.08	464.72	0.04
SCA P&G Cogen 1	2017	7	3,742.69	64.65	3,419.53	0.53	-157.62	480.21	0.04
SCA P&G Cogen 1	2017	8	4,010.23	68.68	3,696.88	0.54	-167.44	480.21	0.05
SCA P&G Cogen 1	2017	9	4,073.44	68.09	3,774.13	0.54	-165.99	464.72	0.04
SCA P&G Cogen 1	2017	10	3,643.92	57.37	3,302.96	0.58	-139.87	480.21	0.04
SCA P&G Cogen 1	2017	11	3,878.49	58.77	3,556.43	0.59	-143.29	464.72	0.04
SCA P&G Cogen 1	2017	12	4,180.98	60.12	3,846.65	0.65	-146.56	480.21	0.04
Slab Creek	2017		10.00	1.32	10.00	0.00	0.00	0.00	0.00
Slab Creek	2017	1	0.57	0.07	0.57	0.00	0.00	0.00	0.00
Slab Creek	2017	2	0.51	0.07	0.51	0.00	0.00	0.00	0.00
Slab Creek	2017	3	0.57	0.07	0.57	0.00	0.00	0.00	0.00
Slab Creek	2017	4	0.55	0.07	0.55	0.00	0.00	0.00	0.00
Slab Creek	2017	5	0.57	0.07	0.57	0.00	0.00	0.00	0.00
Slab Creek	2017	6	1.09	0.14	1.09	0.00	0.00	0.00	0.00
Slab Creek	2017	7	1.13	0.15	1.13	0.00	0.00	0.00	0.00
Slab Creek	2017	8	1.13	0.15	1.13	0.00	0.00	0.00	0.00
Slab Creek	2017	9	1.09	0.14	1.09	0.00	0.00	0.00	0.00
Slab Creek	2017	10	1.13	0.15	1.13	0.00	0.00	0.00	0.00
Slab Creek	2017	11	1.09	0.14	1.09	0.00	0.00	0.00	0.00
Slab Creek	2017	12	0.57	0.07	0.57	0.00	0.00	0.00	0.00
SMUD PV 1	2017		199.86	50.01	0.00	0.00	79.64	120.22	0.00
SMUD PV 1	2017	1	10.39	0.11	0.00	0.00	0.18	10.21	0.00
SMUD PV 1	2017	2	9.95	0.46	0.00	0.00	0.73	9.22	0.00
SMUD PV 1	2017	3	12.90	1.69	0.00	0.00	2.69	10.21	0.00
SMUD PV 1	2017	4	15.40	3.47	0.00	0.00	5.52	9.88	0.00
SMUD PV 1	2017	5	17.85	4.80	0.00	0.00	7.64	10.21	0.00
SMUD PV 1	2017	6	25.55	9.84	0.00	0.00	15.67	9.88	0.00
SMUD PV 1	2017	7	25.71	9.73	0.00	0.00	15.50	10.21	0.00
SMUD PV 1	2017	8	24.74	9.13	0.00	0.00	14.53	10.21	0.00
SMUD PV 1	2017	9	22.61	7.99	0.00	0.00	12.73	9.88	0.00
SMUD PV 1	2017	10	13.55	2.10	0.00	0.00	3.34	10.21	0.00
SMUD PV 1	2017	11	10.80	0.58	0.00	0.00	0.92	9.88	0.00
SMUD PV 1	2017	12	10.41	0.12	0.00	0.00	0.20	10.21	0.00
SMUD Solano Wi 2	2017		876.89	286.05	0.00	0.00	0.00	876.89	0.00
SMUD Solano Wi 2	2017	1	74.48	2.49	0.00	0.00	0.00	74.48	0.00
SMUD Solano Wi 2	2017	2	67.27	3.69	0.00	0.00	0.00	67.27	0.00
SMUD Solano Wi 2	2017	3	74.48	15.02	0.00	0.00	0.00	74.48	0.00
SMUD Solano Wi 2	2017	4	72.07	21.35	0.00	0.00	0.00	72.07	0.00
SMUD Solano Wi 2	2017	5	74.48	32.80	0.00	0.00	0.00	74.48	0.00
SMUD Solano Wi 2	2017	6	72.07	47.65	0.00	0.00	0.00	72.07	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
WAPA 1	2017	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2017		6,869.99	903.95	6,869.99	0.00	0.00	0.00	0.00
WAPA 2	2017	1	429.17	56.47	429.17	0.00	0.00	0.00	0.00
WAPA 2	2017	2	449.94	59.20	449.94	0.00	0.00	0.00	0.00
WAPA 2	2017	3	460.83	60.64	460.83	0.00	0.00	0.00	0.00
WAPA 2	2017	4	506.16	66.60	506.16	0.00	0.00	0.00	0.00
WAPA 2	2017	5	688.71	90.62	688.71	0.00	0.00	0.00	0.00
WAPA 2	2017	6	763.34	100.44	763.34	0.00	0.00	0.00	0.00
WAPA 2	2017	7	988.39	130.05	988.39	0.00	0.00	0.00	0.00
WAPA 2	2017	8	793.88	104.46	793.88	0.00	0.00	0.00	0.00
WAPA 2	2017	9	631.47	83.09	631.47	0.00	0.00	0.00	0.00
WAPA 2	2017	10	439.91	57.88	439.91	0.00	0.00	0.00	0.00
WAPA 2	2017	11	320.11	42.12	320.11	0.00	0.00	0.00	0.00
WAPA 2	2017	12	398.07	52.38	398.07	0.00	0.00	0.00	0.00
White Rock	2017		4,145.04	545.40	4,145.04	0.00	0.00	0.00	0.00
White Rock	2017	1	326.04	42.90	326.04	0.00	0.00	0.00	0.00
White Rock	2017	2	356.44	46.90	356.44	0.00	0.00	0.00	0.00
White Rock	2017	3	523.64	68.90	523.64	0.00	0.00	0.00	0.00
White Rock	2017	4	544.92	71.70	544.92	0.00	0.00	0.00	0.00
White Rock	2017	5	628.52	82.70	628.52	0.00	0.00	0.00	0.00
White Rock	2017	6	474.24	62.40	474.24	0.00	0.00	0.00	0.00
White Rock	2017	7	311.60	41.00	311.60	0.00	0.00	0.00	0.00
White Rock	2017	8	263.72	34.70	263.72	0.00	0.00	0.00	0.00
White Rock	2017	9	231.04	30.40	231.04	0.00	0.00	0.00	0.00
White Rock	2017	10	129.96	17.10	129.96	0.00	0.00	0.00	0.00
White Rock	2017	11	131.48	17.30	131.48	0.00	0.00	0.00	0.00
White Rock	2017	12	223.44	29.40	223.44	0.00	0.00	0.00	0.00
Camino	2018		2,829.84	362.80	2,829.84	0.00	0.00	0.00	0.00
Camino	2018	1	187.98	24.10	187.98	0.00	0.00	0.00	0.00
Camino	2018	2	231.66	29.70	231.66	0.00	0.00	0.00	0.00
Camino	2018	3	311.22	39.90	311.22	0.00	0.00	0.00	0.00
Camino	2018	4	262.08	33.60	262.08	0.00	0.00	0.00	0.00
Camino	2018	5	265.20	34.00	265.20	0.00	0.00	0.00	0.00
Camino	2018	6	258.18	33.10	258.18	0.00	0.00	0.00	0.00
Camino	2018	7	258.96	33.20	258.96	0.00	0.00	0.00	0.00
Camino	2018	8	303.42	38.90	303.42	0.00	0.00	0.00	0.00
Camino	2018	9	270.66	34.70	270.66	0.00	0.00	0.00	0.00
Camino	2018	10	139.62	17.90	139.62	0.00	0.00	0.00	0.00
Camino	2018	11	141.18	18.10	141.18	0.00	0.00	0.00	0.00
Camino	2018	12	199.68	25.60	199.68	0.00	0.00	0.00	0.00
Camp Far West	2018		164.49	21.09	164.49	0.00	0.00	0.00	0.00
Camp Far West	2018	1	13.35	1.71	13.35	0.00	0.00	0.00	0.00
Camp Far West	2018	2	21.49	2.76	21.49	0.00	0.00	0.00	0.00
Camp Far West	2018	3	23.21	2.98	23.21	0.00	0.00	0.00	0.00
Camp Far West	2018	4	19.09	2.45	19.09	0.00	0.00	0.00	0.00
Camp Far West	2018	5	22.05	2.83	22.05	0.00	0.00	0.00	0.00
Camp Far West	2018	6	21.34	2.74	21.34	0.00	0.00	0.00	0.00
Camp Far West	2018	7	17.41	2.23	17.41	0.00	0.00	0.00	0.00
Camp Far West	2018	8	15.09	1.93	15.09	0.00	0.00	0.00	0.00
Camp Far West	2018	9	2.25	0.29	2.25	0.00	0.00	0.00	0.00
Camp Far West	2018	10	1.16	0.15	1.16	0.00	0.00	0.00	0.00
Camp Far West	2018	11	2.25	0.29	2.25	0.00	0.00	0.00	0.00
Camp Far West	2018	12	5.80	0.74	5.80	0.00	0.00	0.00	0.00
Carson Ice CGCC	2018		24,925.74	390.05	22,176.82	1.64	700.29	2,046.74	0.25
Carson Ice CGCC	2018	1	2,175.47	31.82	1,944.34	0.15	57.13	173.83	0.02
Carson Ice CGCC	2018	2	1,814.30	27.47	1,607.83	0.13	49.31	157.01	0.02
Carson Ice CGCC	2018	3	2,004.89	31.65	1,774.07	0.14	56.82	173.83	0.02

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Carson Ice CGCC	2018	4	1,869.42	30.20	1,646.82	0.13	54.22	168.22	0.02
Carson Ice CGCC	2018	5	1,972.13	32.59	1,739.63	0.13	58.51	173.83	0.02
Carson Ice CGCC	2018	6	1,977.09	32.99	1,749.50	0.13	59.22	168.22	0.02
Carson Ice CGCC	2018	7	2,083.15	34.71	1,846.85	0.13	62.31	173.83	0.02
Carson Ice CGCC	2018	8	2,146.98	35.33	1,909.57	0.13	63.42	173.83	0.02
Carson Ice CGCC	2018	9	2,114.02	33.84	1,884.88	0.13	60.76	168.22	0.02
Carson Ice CGCC	2018	10	2,190.25	33.63	1,955.88	0.14	60.38	173.83	0.02
Carson Ice CGCC	2018	11	2,165.09	31.93	1,939.37	0.14	57.33	168.22	0.02
Carson Ice CGCC	2018	12	2,412.94	33.89	2,178.08	0.16	60.85	173.83	0.02
Carson Ice CGGT	2018		6,510.21	70.42	4,677.01	85.07	275.86	1,472.21	0.06
Carson Ice CGGT	2018	1	125.04	0.00	0.00	0.00	0.00	125.04	0.00
Carson Ice CGGT	2018	2	112.94	0.00	0.00	0.00	0.00	112.94	0.00
Carson Ice CGGT	2018	3	125.04	0.00	0.00	0.00	0.00	125.04	0.00
Carson Ice CGGT	2018	4	121.00	0.00	0.00	0.00	0.00	121.00	0.00
Carson Ice CGGT	2018	5	855.92	10.45	677.83	12.10	40.94	125.04	0.01
Carson Ice CGGT	2018	6	863.06	10.63	685.89	14.52	41.63	121.00	0.01
Carson Ice CGGT	2018	7	1,166.45	14.88	965.05	18.06	58.29	125.04	0.01
Carson Ice CGGT	2018	8	1,282.65	16.30	1,075.38	18.38	63.84	125.04	0.01
Carson Ice CGGT	2018	9	1,033.44	12.45	845.36	18.31	48.75	121.00	0.01
Carson Ice CGGT	2018	10	125.04	0.00	0.00	0.00	0.00	125.04	0.00
Carson Ice CGGT	2018	11	501.47	4.83	358.04	3.49	18.94	121.00	0.00
Carson Ice CGGT	2018	12	198.18	0.89	69.46	0.21	3.47	125.04	0.00
CDWR_Ex_6x16OnPl	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2018		99,350.24	1,532.12	99,350.24	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	1	17,169.40	260.24	17,169.40	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	2	12,792.46	209.70	12,792.46	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	3	7,473.92	120.64	7,473.92	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	4	6,071.98	108.34	6,071.98	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	5	3,816.62	69.68	3,816.62	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	6	3,297.75	54.06	3,297.75	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	7	3,359.47	51.37	3,359.47	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	8	1,930.61	29.78	1,930.61	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	9	3,931.54	62.21	3,931.54	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	10	11,540.71	170.97	11,540.71	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	11	13,100.02	187.40	13,100.02	0.00	0.00	0.00	0.00
CNP15_Markets p	2018	12	14,865.75	207.75	14,865.75	0.00	0.00	0.00	0.00
CNP15_Markets s	2018		-140,643.00	-1,640.19	-140,643.00	0.00	0.00	0.00	0.00
CNP15_Markets s	2018	1	-1,406.38	-15.89	-1,406.38	0.00	0.00	0.00	0.00
CNP15_Markets s	2018	2	-6.52	-0.14	-6.52	0.00	0.00	0.00	0.00
CNP15_Markets s	2018	3	-1,317.97	-18.14	-1,317.97	0.00	0.00	0.00	0.00
CNP15_Markets s	2018	4	-2,776.70	-38.06	-2,776.70	0.00	0.00	0.00	0.00
CNP15_Markets s	2018	5	-11,986.43	-148.63	-11,986.43	0.00	0.00	0.00	0.00
CNP15_Markets s	2018	6	-17,508.50	-215.25	-17,508.50	0.00	0.00	0.00	0.00
CNP15_Markets s	2018	7	-25,584.43	-292.48	-25,584.43	0.00	0.00	0.00	0.00
CNP15_Markets s	2018	8	-31,936.66	-357.64	-31,936.66	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3a	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2018		6,855.47	76.06	4,927.02	33.25	1,040.36	854.85	0.00
G1nGT SMUD 33	2018	1	221.43	1.73	122.73	2.47	23.62	72.60	0.00
G1nGT SMUD 33	2018	2	82.64	0.20	13.56	0.76	2.74	65.58	0.00
G1nGT SMUD 33	2018	3	107.56	0.44	28.87	0.03	6.06	72.60	0.00
G1nGT SMUD 33	2018	4	103.30	0.43	27.14	0.03	5.86	70.26	0.00
G1nGT SMUD 33	2018	5	493.71	5.54	343.73	1.66	75.72	72.60	0.00
G1nGT SMUD 33	2018	6	866.57	10.50	648.73	3.96	143.61	70.26	0.00
G1nGT SMUD 33	2018	7	1,162.17	14.30	888.20	5.72	195.65	72.60	0.00
G1nGT SMUD 33	2018	8	1,455.93	17.94	1,133.10	4.91	245.32	72.60	0.00
G1nGT SMUD 33	2018	9	1,137.58	13.50	877.92	4.75	184.65	70.26	0.00
G1nGT SMUD 33	2018	10	130.27	0.71	47.94	0.03	9.69	72.60	0.00
G1nGT SMUD 33	2018	11	362.66	3.43	243.11	2.39	46.89	70.26	0.00
G1nGT SMUD 33	2018	12	731.65	7.35	551.97	6.53	100.55	72.60	0.00
GenGT SMUD 1	2018		10,894.73	125.64	8,258.03	63.40	1,718.45	854.85	0.00
GenGT SMUD 1	2018	1	720.05	7.57	538.14	5.72	103.58	72.60	0.00
GenGT SMUD 1	2018	2	386.20	3.88	263.12	4.43	53.07	65.58	0.00
GenGT SMUD 1	2018	3	482.65	5.14	334.87	4.91	70.26	72.60	0.00
GenGT SMUD 1	2018	4	514.74	5.70	360.98	5.54	77.96	70.26	0.00
GenGT SMUD 1	2018	5	892.91	10.76	668.21	4.91	147.19	72.60	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 1	2018	6	1,067.87	13.16	812.90	4.75	179.96	70.26	0.00
GenGT SMUD 1	2018	7	1,326.60	16.47	1,022.94	5.72	225.33	72.60	0.00
GenGT SMUD 1	2018	8	1,544.42	19.09	1,205.84	4.91	261.07	72.60	0.00
GenGT SMUD 1	2018	9	1,377.08	16.54	1,075.81	4.75	226.27	70.26	0.00
GenGT SMUD 1	2018	10	496.98	5.14	347.58	6.53	70.26	72.60	0.00
GenGT SMUD 1	2018	11	855.16	9.21	653.36	5.51	126.03	70.26	0.00
GenGT SMUD 1	2018	12	1,230.05	12.98	974.25	5.72	177.48	72.60	0.00
GenGT SMUD 10	2018		10,391.95	119.40	7,844.62	59.42	1,633.06	854.85	0.00
GenGT SMUD 10	2018	1	677.14	7.09	503.53	4.10	96.92	72.60	0.00
GenGT SMUD 10	2018	2	389.46	3.92	265.83	4.43	53.62	65.58	0.00
GenGT SMUD 10	2018	3	483.46	5.14	334.87	5.72	70.26	72.60	0.00
GenGT SMUD 10	2018	4	474.35	5.19	328.41	4.75	70.93	70.26	0.00
GenGT SMUD 10	2018	5	700.83	8.24	511.47	4.10	112.66	72.60	0.00
GenGT SMUD 10	2018	6	1,051.70	12.94	799.66	4.75	177.03	70.26	0.00
GenGT SMUD 10	2018	7	1,309.01	16.25	1,009.19	4.91	222.30	72.60	0.00
GenGT SMUD 10	2018	8	1,537.62	19.00	1,200.25	4.91	259.85	72.60	0.00
GenGT SMUD 10	2018	9	1,343.35	16.11	1,047.94	4.75	220.40	70.26	0.00
GenGT SMUD 10	2018	10	470.95	4.83	326.61	5.72	66.02	72.60	0.00
GenGT SMUD 10	2018	11	825.40	8.87	629.05	4.75	121.34	70.26	0.00
GenGT SMUD 10	2018	12	1,128.67	11.82	887.80	6.53	161.73	72.60	0.00
GenGT SMUD 11	2018		10,256.87	117.61	7,733.23	60.23	1,608.56	854.85	0.00
GenGT SMUD 11	2018	1	764.27	8.10	575.91	4.91	110.85	72.60	0.00
GenGT SMUD 11	2018	2	373.16	3.72	252.27	4.43	50.88	65.58	0.00
GenGT SMUD 11	2018	3	431.07	4.47	291.57	5.72	61.18	72.60	0.00
GenGT SMUD 11	2018	4	433.96	4.67	295.84	3.96	63.89	70.26	0.00
GenGT SMUD 11	2018	5	715.07	8.41	522.47	4.91	115.09	72.60	0.00
GenGT SMUD 11	2018	6	1,025.83	12.60	778.48	4.75	172.34	70.26	0.00
GenGT SMUD 11	2018	7	1,296.40	16.08	998.19	5.72	219.88	72.60	0.00
GenGT SMUD 11	2018	8	1,506.98	18.60	1,175.07	4.91	254.40	72.60	0.00
GenGT SMUD 11	2018	9	1,323.11	15.86	1,031.21	4.75	216.89	70.26	0.00
GenGT SMUD 11	2018	10	470.14	4.83	326.61	4.91	66.02	72.60	0.00
GenGT SMUD 11	2018	11	800.82	8.57	607.78	5.54	117.24	70.26	0.00
GenGT SMUD 11	2018	12	1,116.06	11.69	877.83	5.72	159.91	72.60	0.00
GenGT SMUD 12	2018		9,805.51	112.06	7,353.05	64.84	1,532.77	854.85	0.00
GenGT SMUD 12	2018	1	633.73	6.55	465.76	5.72	89.65	72.60	0.00
GenGT SMUD 12	2018	2	385.14	3.84	260.41	6.64	52.52	65.58	0.00
GenGT SMUD 12	2018	3	355.05	3.50	228.06	6.53	47.85	72.60	0.00
GenGT SMUD 12	2018	4	367.96	3.81	241.56	3.96	52.17	70.26	0.00
GenGT SMUD 12	2018	5	822.45	9.83	610.47	4.91	134.47	72.60	0.00
GenGT SMUD 12	2018	6	925.57	11.27	696.39	4.75	154.17	70.26	0.00
GenGT SMUD 12	2018	7	1,289.69	15.99	992.69	5.72	218.67	72.60	0.00
GenGT SMUD 12	2018	8	1,489.97	18.38	1,161.08	4.91	251.37	72.60	0.00
GenGT SMUD 12	2018	9	1,292.75	15.47	1,006.13	4.75	211.61	70.26	0.00
GenGT SMUD 12	2018	10	441.32	4.47	302.64	4.91	61.18	72.60	0.00
GenGT SMUD 12	2018	11	776.23	8.27	586.51	6.32	113.13	70.26	0.00
GenGT SMUD 12	2018	12	1,025.65	10.67	801.35	5.72	145.98	72.60	0.00
GenGT SMUD 13	2018		9,747.61	111.27	7,307.80	63.06	1,521.90	854.85	0.00
GenGT SMUD 13	2018	1	655.41	6.82	484.65	4.88	93.28	72.60	0.00
GenGT SMUD 13	2018	2	295.34	2.72	184.46	8.10	37.20	65.58	0.00
GenGT SMUD 13	2018	3	382.18	3.85	251.15	5.72	52.70	72.60	0.00
GenGT SMUD 13	2018	4	387.76	4.07	257.85	3.96	55.69	70.26	0.00
GenGT SMUD 13	2018	5	772.11	9.17	569.22	4.91	125.38	72.60	0.00
GenGT SMUD 13	2018	6	944.98	11.53	712.28	4.75	157.68	70.26	0.00
GenGT SMUD 13	2018	7	1,251.96	15.50	962.45	4.91	212.00	72.60	0.00
GenGT SMUD 13	2018	8	1,486.56	18.33	1,158.28	4.91	250.77	72.60	0.00
GenGT SMUD 13	2018	9	1,289.38	15.43	1,003.34	4.75	211.03	70.26	0.00
GenGT SMUD 13	2018	10	408.91	4.07	275.67	4.91	55.73	72.60	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 13	2018	11	808.07	8.66	613.86	5.54	118.41	70.26	0.00
GenGT SMUD 13	2018	12	1,064.96	11.12	834.60	5.72	152.04	72.60	0.00
GenGT SMUD 14	2018		9,393.24	106.85	7,009.76	67.13	1,461.51	854.85	0.00
GenGT SMUD 14	2018	1	634.55	6.55	465.76	6.53	89.65	72.60	0.00
GenGT SMUD 14	2018	2	271.79	2.44	165.47	7.37	33.37	65.58	0.00
GenGT SMUD 14	2018	3	324.67	3.14	204.96	4.10	43.01	72.60	0.00
GenGT SMUD 14	2018	4	305.25	3.00	189.99	3.96	41.03	70.26	0.00
GenGT SMUD 14	2018	5	761.24	9.03	560.97	4.10	123.57	72.60	0.00
GenGT SMUD 14	2018	6	955.46	11.66	720.23	5.54	159.44	70.26	0.00
GenGT SMUD 14	2018	7	1,309.01	16.25	1,009.19	4.91	222.30	72.60	0.00
GenGT SMUD 14	2018	8	1,476.35	18.20	1,149.89	4.91	248.95	72.60	0.00
GenGT SMUD 14	2018	9	1,212.58	14.44	939.24	5.54	197.54	70.26	0.00
GenGT SMUD 14	2018	10	380.09	3.72	251.70	4.91	50.88	72.60	0.00
GenGT SMUD 14	2018	11	679.14	7.11	504.46	7.11	97.31	70.26	0.00
GenGT SMUD 14	2018	12	1,083.12	11.29	847.90	8.16	154.46	72.60	0.00
GenGT SMUD 15	2018		8,815.70	99.62	6,533.53	64.74	1,362.58	854.85	0.00
GenGT SMUD 15	2018	1	608.28	6.24	443.73	6.53	85.41	72.60	0.00
GenGT SMUD 15	2018	2	265.27	2.36	160.04	7.37	32.28	65.58	0.00
GenGT SMUD 15	2018	3	283.57	2.61	170.32	4.91	35.74	72.60	0.00
GenGT SMUD 15	2018	4	288.75	2.79	176.42	3.96	38.10	70.26	0.00
GenGT SMUD 15	2018	5	568.34	6.51	404.23	2.47	89.04	72.60	0.00
GenGT SMUD 15	2018	6	967.61	11.83	730.82	4.75	161.79	70.26	0.00
GenGT SMUD 15	2018	7	1,298.94	16.12	1,000.94	4.91	220.48	72.60	0.00
GenGT SMUD 15	2018	8	1,387.86	17.05	1,077.15	4.91	233.20	72.60	0.00
GenGT SMUD 15	2018	9	1,222.70	14.57	947.60	5.54	199.30	70.26	0.00
GenGT SMUD 15	2018	10	276.44	2.44	164.80	5.72	33.31	72.60	0.00
GenGT SMUD 15	2018	11	616.72	6.39	452.80	6.32	87.34	70.26	0.00
GenGT SMUD 15	2018	12	1,031.21	10.72	804.67	7.35	146.58	72.60	0.00
GenGT SMUD 16	2018		8,770.26	99.14	6,493.03	66.44	1,355.94	854.85	0.00
GenGT SMUD 16	2018	1	612.84	6.29	446.88	7.35	86.01	72.60	0.00
GenGT SMUD 16	2018	2	254.76	2.24	151.91	6.64	30.64	65.58	0.00
GenGT SMUD 16	2018	3	266.11	2.39	155.89	4.91	32.71	72.60	0.00
GenGT SMUD 16	2018	4	277.12	2.61	165.56	5.54	35.76	70.26	0.00
GenGT SMUD 16	2018	5	609.42	7.04	437.23	3.28	96.31	72.60	0.00
GenGT SMUD 16	2018	6	897.25	10.89	672.56	5.54	148.89	70.26	0.00
GenGT SMUD 16	2018	7	1,298.94	16.12	1,000.94	4.91	220.48	72.60	0.00
GenGT SMUD 16	2018	8	1,452.53	17.89	1,130.30	4.91	244.71	72.60	0.00
GenGT SMUD 16	2018	9	1,262.39	15.09	981.05	4.75	206.34	70.26	0.00
GenGT SMUD 16	2018	10	285.62	2.57	173.79	4.10	35.13	72.60	0.00
GenGT SMUD 16	2018	11	582.52	6.00	425.45	4.75	82.07	70.26	0.00
GenGT SMUD 16	2018	12	970.76	10.01	751.47	9.79	136.89	72.60	0.00
GenGT SMUD 17	2018		8,542.29	96.35	6,304.06	65.61	1,317.78	854.85	0.00
GenGT SMUD 17	2018	1	563.24	5.71	405.97	6.53	78.14	72.60	0.00
GenGT SMUD 17	2018	2	215.64	1.76	119.35	6.64	24.07	65.58	0.00
GenGT SMUD 17	2018	3	261.80	2.35	153.00	4.10	32.10	72.60	0.00
GenGT SMUD 17	2018	4	257.32	2.36	149.28	5.54	32.24	70.26	0.00
GenGT SMUD 17	2018	5	605.25	7.00	434.48	2.47	95.70	72.60	0.00
GenGT SMUD 17	2018	6	941.74	11.49	709.63	4.75	157.10	70.26	0.00
GenGT SMUD 17	2018	7	1,262.84	15.63	970.70	5.72	213.82	72.60	0.00
GenGT SMUD 17	2018	8	1,384.46	17.01	1,074.35	4.91	232.60	72.60	0.00
GenGT SMUD 17	2018	9	1,259.02	15.04	978.26	4.75	205.75	70.26	0.00
GenGT SMUD 17	2018	10	275.63	2.44	164.80	4.91	33.31	72.60	0.00
GenGT SMUD 17	2018	11	576.85	5.91	419.37	6.32	80.89	70.26	0.00
GenGT SMUD 17	2018	12	938.50	9.65	724.87	8.97	132.05	72.60	0.00
GenGT SMUD 18	2018		8,503.60	96.00	6,273.41	62.35	1,312.99	854.85	0.00
GenGT SMUD 18	2018	1	575.32	5.85	415.41	7.35	79.96	72.60	0.00
GenGT SMUD 18	2018	2	170.74	1.20	81.38	7.37	16.41	65.58	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 18	2018	3	252.14	2.21	144.34	4.91	30.29	72.60	0.00
GenGT SMUD 18	2018	4	225.25	1.97	124.85	3.18	26.96	70.26	0.00
GenGT SMUD 18	2018	5	645.52	7.53	467.47	2.47	102.97	72.60	0.00
GenGT SMUD 18	2018	6	890.78	10.80	667.27	5.54	147.72	70.26	0.00
GenGT SMUD 18	2018	7	1,292.23	16.03	995.44	4.91	219.27	72.60	0.00
GenGT SMUD 18	2018	8	1,466.14	18.07	1,141.50	4.91	247.13	72.60	0.00
GenGT SMUD 18	2018	9	1,255.65	15.00	975.47	4.75	205.16	70.26	0.00
GenGT SMUD 18	2018	10	252.39	2.17	146.82	3.28	29.68	72.60	0.00
GenGT SMUD 18	2018	11	586.93	6.04	428.49	5.54	82.65	70.26	0.00
GenGT SMUD 18	2018	12	890.51	9.12	684.97	8.16	124.78	72.60	0.00
GenGT SMUD 19	2018		8,151.12	91.76	5,985.84	55.41	1,255.04	854.85	0.00
GenGT SMUD 19	2018	1	458.17	4.47	317.85	6.53	61.18	72.60	0.00
GenGT SMUD 19	2018	2	178.32	1.32	89.52	5.17	18.05	65.58	0.00
GenGT SMUD 19	2018	3	181.48	1.33	86.60	4.10	18.17	72.60	0.00
GenGT SMUD 19	2018	4	264.07	2.49	157.42	2.39	34.00	70.26	0.00
GenGT SMUD 19	2018	5	655.59	7.66	475.72	2.47	104.79	72.60	0.00
GenGT SMUD 19	2018	6	831.00	10.03	619.61	3.96	137.17	70.26	0.00
GenGT SMUD 19	2018	7	1,272.09	15.77	978.95	4.91	215.64	72.60	0.00
GenGT SMUD 19	2018	8	1,462.74	18.02	1,138.70	4.91	246.53	72.60	0.00
GenGT SMUD 19	2018	9	1,248.90	14.91	969.90	4.75	203.99	70.26	0.00
GenGT SMUD 19	2018	10	227.17	1.86	125.85	3.28	25.44	72.60	0.00
GenGT SMUD 19	2018	11	433.11	4.24	300.85	3.96	58.03	70.26	0.00
GenGT SMUD 19	2018	12	938.50	9.65	724.87	8.97	132.05	72.60	0.00
GenGT SMUD 2	2018		8,124.18	91.39	5,964.60	54.72	1,250.01	854.85	0.00
GenGT SMUD 2	2018	1	531.10	5.31	377.65	8.16	72.69	72.60	0.00
GenGT SMUD 2	2018	2	144.25	0.92	62.39	3.70	12.58	65.58	0.00
GenGT SMUD 2	2018	3	222.57	1.86	121.25	3.28	25.44	72.60	0.00
GenGT SMUD 2	2018	4	253.38	2.36	149.28	1.60	32.24	70.26	0.00
GenGT SMUD 2	2018	5	608.61	7.04	437.23	2.47	96.31	72.60	0.00
GenGT SMUD 2	2018	6	896.46	10.89	672.56	4.75	148.89	70.26	0.00
GenGT SMUD 2	2018	7	1,268.74	15.72	976.20	4.91	215.03	72.60	0.00
GenGT SMUD 2	2018	8	1,405.69	17.27	1,091.14	5.72	236.23	72.60	0.00
GenGT SMUD 2	2018	9	1,225.29	14.61	950.39	4.75	199.89	70.26	0.00
GenGT SMUD 2	2018	10	215.56	1.73	116.86	2.47	23.62	72.60	0.00
GenGT SMUD 2	2018	11	426.64	4.16	294.77	4.75	56.86	70.26	0.00
GenGT SMUD 2	2018	12	925.89	9.52	714.90	8.16	130.23	72.60	0.00
GenGT SMUD 20	2018		7,828.02	87.76	5,720.42	52.36	1,200.38	854.85	0.00
GenGT SMUD 20	2018	1	458.17	4.47	317.85	6.53	61.18	72.60	0.00
GenGT SMUD 20	2018	2	140.26	0.88	59.68	2.97	12.04	65.58	0.00
GenGT SMUD 20	2018	3	163.20	1.11	72.17	3.28	15.14	72.60	0.00
GenGT SMUD 20	2018	4	250.08	2.31	146.56	1.60	31.65	70.26	0.00
GenGT SMUD 20	2018	5	638.81	7.44	461.97	2.47	101.76	72.60	0.00
GenGT SMUD 20	2018	6	815.61	9.81	606.37	4.75	134.24	70.26	0.00
GenGT SMUD 20	2018	7	1,265.38	15.68	973.45	4.91	214.43	72.60	0.00
GenGT SMUD 20	2018	8	1,404.88	17.27	1,091.14	4.91	236.23	72.60	0.00
GenGT SMUD 20	2018	9	1,154.45	13.71	891.86	4.75	187.58	70.26	0.00
GenGT SMUD 20	2018	10	205.56	1.59	107.87	3.28	21.81	72.60	0.00
GenGT SMUD 20	2018	11	488.27	4.89	346.43	4.75	66.82	70.26	0.00
GenGT SMUD 20	2018	12	843.34	8.59	645.07	8.16	117.51	72.60	0.00
GenGT SMUD 21	2018		7,521.41	84.29	5,470.00	43.71	1,152.84	854.85	0.00
GenGT SMUD 21	2018	1	351.46	3.23	229.73	4.91	44.22	72.60	0.00
GenGT SMUD 21	2018	2	89.16	0.28	18.99	0.76	3.83	65.58	0.00
GenGT SMUD 21	2018	3	173.68	1.24	80.83	3.28	16.96	72.60	0.00
GenGT SMUD 21	2018	4	212.99	1.84	116.71	0.82	25.21	70.26	0.00
GenGT SMUD 21	2018	5	638.81	7.44	461.97	2.47	101.76	72.60	0.00
GenGT SMUD 21	2018	6	879.51	10.67	659.32	3.96	145.96	70.26	0.00
GenGT SMUD 21	2018	7	1,178.14	14.53	901.95	4.91	198.68	72.60	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 21	2018	8	1,387.86	17.05	1,077.15	4.91	233.20	72.60	0.00
GenGT SMUD 21	2018	9	1,238.78	14.79	961.54	4.75	202.23	70.26	0.00
GenGT SMUD 21	2018	10	196.73	1.51	101.88	1.66	20.59	72.60	0.00
GenGT SMUD 21	2018	11	470.15	4.67	331.24	4.75	63.89	70.26	0.00
GenGT SMUD 21	2018	12	704.14	7.04	528.69	6.53	96.31	72.60	0.00
GenGT SMUD 25	2018		7,322.41	81.85	5,307.68	40.43	1,119.45	854.85	0.00
GenGT SMUD 25	2018	1	339.39	3.10	220.29	4.10	42.40	72.60	0.00
GenGT SMUD 25	2018	2	108.72	0.52	35.26	0.76	7.11	65.58	0.00
GenGT SMUD 25	2018	3	122.34	0.62	40.42	0.84	8.48	72.60	0.00
GenGT SMUD 25	2018	4	243.48	2.23	141.14	1.60	30.48	70.26	0.00
GenGT SMUD 25	2018	5	513.84	5.80	360.23	1.66	79.35	72.60	0.00
GenGT SMUD 25	2018	6	843.93	10.20	630.20	3.96	139.51	70.26	0.00
GenGT SMUD 25	2018	7	1,245.25	15.41	956.95	4.91	210.79	72.60	0.00
GenGT SMUD 25	2018	8	1,404.88	17.27	1,091.14	4.91	236.23	72.60	0.00
GenGT SMUD 25	2018	9	1,171.32	13.93	905.80	4.75	190.51	70.26	0.00
GenGT SMUD 25	2018	10	197.55	1.51	101.88	2.47	20.59	72.60	0.00
GenGT SMUD 25	2018	11	499.15	5.01	355.55	4.75	68.58	70.26	0.00
GenGT SMUD 25	2018	12	632.57	6.24	468.84	5.72	85.41	72.60	0.00
GenGT SMUD 26	2018		7,581.69	85.20	5,520.98	40.51	1,165.35	854.85	0.00
GenGT SMUD 26	2018	1	262.71	2.21	157.35	2.47	30.29	72.60	0.00
GenGT SMUD 26	2018	2	104.72	0.48	32.55	0.03	6.57	65.58	0.00
GenGT SMUD 26	2018	3	158.89	1.06	69.28	2.47	14.54	72.60	0.00
GenGT SMUD 26	2018	4	243.48	2.23	141.14	1.60	30.48	70.26	0.00
GenGT SMUD 26	2018	5	632.10	7.35	456.47	2.47	100.55	72.60	0.00
GenGT SMUD 26	2018	6	876.27	10.63	656.68	3.96	145.37	70.26	0.00
GenGT SMUD 26	2018	7	1,245.25	15.41	956.95	4.91	210.79	72.60	0.00
GenGT SMUD 26	2018	8	1,455.93	17.94	1,133.10	4.91	245.32	72.60	0.00
GenGT SMUD 26	2018	9	1,238.78	14.79	961.54	4.75	202.23	70.26	0.00
GenGT SMUD 26	2018	10	189.53	1.42	95.88	1.66	19.38	72.60	0.00
GenGT SMUD 26	2018	11	426.64	4.16	294.77	4.75	56.86	70.26	0.00
GenGT SMUD 26	2018	12	747.38	7.53	565.27	6.53	102.97	72.60	0.00
GenGT SMUD 27	2018		7,260.88	80.89	5,260.05	39.65	1,106.34	854.85	0.00
GenGT SMUD 27	2018	1	258.96	2.17	154.21	2.47	29.68	72.60	0.00
GenGT SMUD 27	2018	2	95.68	0.36	24.41	0.76	4.92	65.58	0.00
GenGT SMUD 27	2018	3	134.45	0.75	49.08	2.47	10.30	72.60	0.00
GenGT SMUD 27	2018	4	177.48	1.37	86.85	1.60	18.76	70.26	0.00
GenGT SMUD 27	2018	5	493.71	5.54	343.73	1.66	75.72	72.60	0.00
GenGT SMUD 27	2018	6	869.81	10.54	651.38	3.96	144.20	70.26	0.00
GenGT SMUD 27	2018	7	1,154.65	14.22	882.70	4.91	194.44	72.60	0.00
GenGT SMUD 27	2018	8	1,404.88	17.27	1,091.14	4.91	236.23	72.60	0.00
GenGT SMUD 27	2018	9	1,238.78	14.79	961.54	4.75	202.23	70.26	0.00
GenGT SMUD 27	2018	10	156.30	1.02	68.92	0.84	13.93	72.60	0.00
GenGT SMUD 27	2018	11	472.98	4.71	334.28	3.96	64.48	70.26	0.00
GenGT SMUD 27	2018	12	803.22	8.15	611.82	7.35	111.45	72.60	0.00
GenGT SMUD 28	2018		7,061.60	78.69	5,095.54	34.90	1,076.31	854.85	0.00
GenGT SMUD 28	2018	1	221.43	1.73	122.73	2.47	23.62	72.60	0.00
GenGT SMUD 28	2018	2	92.42	0.32	21.70	0.76	4.38	65.58	0.00
GenGT SMUD 28	2018	3	119.66	0.58	37.53	1.66	7.87	72.60	0.00
GenGT SMUD 28	2018	4	170.09	1.29	81.42	0.82	17.59	70.26	0.00
GenGT SMUD 28	2018	5	615.32	7.13	442.73	2.47	97.52	72.60	0.00
GenGT SMUD 28	2018	6	801.10	9.64	595.77	3.18	131.89	70.26	0.00
GenGT SMUD 28	2018	7	1,215.05	15.01	932.20	4.91	205.34	72.60	0.00
GenGT SMUD 28	2018	8	1,455.93	17.94	1,133.10	4.91	245.32	72.60	0.00
GenGT SMUD 28	2018	9	1,137.58	13.50	877.92	4.75	184.65	70.26	0.00
GenGT SMUD 28	2018	10	148.28	0.93	62.92	0.03	12.72	72.60	0.00
GenGT SMUD 28	2018	11	289.37	2.57	182.33	1.60	35.17	70.26	0.00
GenGT SMUD 28	2018	12	795.36	8.06	605.17	7.35	110.24	72.60	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 3	2018		7,028.70	78.16	5,070.74	34.04	1,069.08	854.85	0.00
GenGT SMUD 3	2018	1	243.95	1.99	141.62	2.47	27.26	72.60	0.00
GenGT SMUD 3	2018	2	85.90	0.24	16.28	0.76	3.28	65.58	0.00
GenGT SMUD 3	2018	3	111.87	0.49	31.75	0.84	6.66	72.60	0.00
GenGT SMUD 3	2018	4	170.09	1.29	81.42	0.82	17.59	70.26	0.00
GenGT SMUD 3	2018	5	513.84	5.80	360.23	1.66	79.35	72.60	0.00
GenGT SMUD 3	2018	6	818.06	9.86	609.01	3.96	134.82	70.26	0.00
GenGT SMUD 3	2018	7	1,178.14	14.53	901.95	4.91	198.68	72.60	0.00
GenGT SMUD 3	2018	8	1,455.93	17.94	1,133.10	4.91	245.32	72.60	0.00
GenGT SMUD 3	2018	9	1,171.32	13.93	905.80	4.75	190.51	70.26	0.00
GenGT SMUD 3	2018	10	130.27	0.71	47.94	0.03	9.69	72.60	0.00
GenGT SMUD 3	2018	11	362.66	3.43	243.11	2.39	46.89	70.26	0.00
GenGT SMUD 3	2018	12	786.69	7.97	598.52	6.53	109.03	72.60	0.00
GenGT SMUD 30	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2018		7,000.70	77.98	5,046.70	32.51	1,066.64	854.85	0.00
GenGT SMUD 34	2018	1	129.74	0.66	47.21	0.84	9.09	72.60	0.00
GenGT SMUD 34	2018	2	75.38	0.12	8.14	0.03	1.64	65.58	0.00
GenGT SMUD 34	2018	3	111.87	0.49	31.75	0.84	6.66	72.60	0.00
GenGT SMUD 34	2018	4	136.30	0.86	54.28	0.03	11.72	70.26	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 34	2018	5	601.90	6.95	431.73	2.47	95.10	72.60	0.00
GenGT SMUD 34	2018	6	866.57	10.50	648.73	3.96	143.61	70.26	0.00
GenGT SMUD 34	2018	7	1,158.82	14.26	885.45	5.72	195.04	72.60	0.00
GenGT SMUD 34	2018	8	1,455.93	17.94	1,133.10	4.91	245.32	72.60	0.00
GenGT SMUD 34	2018	9	1,188.18	14.14	919.73	4.75	193.44	70.26	0.00
GenGT SMUD 34	2018	10	126.67	0.66	44.95	0.03	9.09	72.60	0.00
GenGT SMUD 34	2018	11	362.66	3.43	243.11	2.39	46.89	70.26	0.00
GenGT SMUD 34	2018	12	786.69	7.97	598.52	6.53	109.03	72.60	0.00
GenGT SMUD 35	2018		6,929.12	77.08	4,989.12	30.84	1,054.31	854.85	0.00
GenGT SMUD 35	2018	1	114.73	0.49	34.62	0.84	6.66	72.60	0.00
GenGT SMUD 35	2018	2	75.38	0.12	8.14	0.03	1.64	65.58	0.00
GenGT SMUD 35	2018	3	107.56	0.44	28.87	0.03	6.06	72.60	0.00
GenGT SMUD 35	2018	4	170.09	1.29	81.42	0.82	17.59	70.26	0.00
GenGT SMUD 35	2018	5	458.11	5.07	314.56	1.66	69.29	72.60	0.00
GenGT SMUD 35	2018	6	858.10	10.39	641.79	3.96	142.08	70.26	0.00
GenGT SMUD 35	2018	7	1,194.65	14.74	915.48	4.91	201.66	72.60	0.00
GenGT SMUD 35	2018	8	1,455.93	17.94	1,133.10	4.91	245.32	72.60	0.00
GenGT SMUD 35	2018	9	1,205.05	14.36	933.67	4.75	196.37	70.26	0.00
GenGT SMUD 35	2018	10	126.67	0.66	44.95	0.03	9.09	72.60	0.00
GenGT SMUD 35	2018	11	435.95	4.29	303.89	3.18	58.62	70.26	0.00
GenGT SMUD 35	2018	12	726.91	7.31	548.64	5.72	99.94	72.60	0.00
GenGT SMUD 36	2018		6,726.83	74.34	4,823.61	31.62	1,016.75	854.85	0.00
GenGT SMUD 36	2018	1	110.16	0.44	31.47	0.03	6.06	72.60	0.00
GenGT SMUD 36	2018	2	65.58	0.00	0.00	0.00	0.00	65.58	0.00
GenGT SMUD 36	2018	3	107.56	0.44	28.87	0.03	6.06	72.60	0.00
GenGT SMUD 36	2018	4	170.09	1.29	81.42	0.82	17.59	70.26	0.00
GenGT SMUD 36	2018	5	419.88	4.56	283.23	1.66	62.39	72.60	0.00
GenGT SMUD 36	2018	6	827.76	9.99	616.96	3.96	136.58	70.26	0.00
GenGT SMUD 36	2018	7	1,120.97	13.76	854.43	5.72	188.21	72.60	0.00
GenGT SMUD 36	2018	8	1,401.08	17.22	1,088.01	4.91	235.56	72.60	0.00
GenGT SMUD 36	2018	9	1,154.45	13.71	891.86	4.75	187.58	70.26	0.00
GenGT SMUD 36	2018	10	126.67	0.66	44.95	0.03	9.09	72.60	0.00
GenGT SMUD 36	2018	11	435.95	4.29	303.89	3.18	58.62	70.26	0.00
GenGT SMUD 36	2018	12	786.69	7.97	598.52	6.53	109.03	72.60	0.00
GenGT SMUD 37	2018		6,556.96	72.33	4,683.60	29.24	989.27	854.85	0.00
GenGT SMUD 37	2018	1	110.16	0.44	31.47	0.03	6.06	72.60	0.00
GenGT SMUD 37	2018	2	72.13	0.08	5.43	0.03	1.09	65.58	0.00
GenGT SMUD 37	2018	3	107.56	0.44	28.87	0.03	6.06	72.60	0.00
GenGT SMUD 37	2018	4	170.09	1.29	81.42	0.82	17.59	70.26	0.00
GenGT SMUD 37	2018	5	492.69	5.52	342.90	1.66	75.53	72.60	0.00
GenGT SMUD 37	2018	6	827.76	9.99	616.96	3.96	136.58	70.26	0.00
GenGT SMUD 37	2018	7	1,056.87	12.93	802.57	4.91	176.79	72.60	0.00
GenGT SMUD 37	2018	8	1,298.42	15.89	1,003.62	4.91	217.28	72.60	0.00
GenGT SMUD 37	2018	9	1,205.05	14.36	933.67	4.75	196.37	70.26	0.00
GenGT SMUD 37	2018	10	126.67	0.66	44.95	0.03	9.09	72.60	0.00
GenGT SMUD 37	2018	11	362.66	3.43	243.11	2.39	46.89	70.26	0.00
GenGT SMUD 37	2018	12	726.91	7.31	548.64	5.72	99.94	72.60	0.00
GenGT SMUD 38	2018		6,169.61	67.36	4,364.21	29.26	921.29	854.85	0.00
GenGT SMUD 38	2018	1	110.16	0.44	31.47	0.03	6.06	72.60	0.00
GenGT SMUD 38	2018	2	72.13	0.08	5.43	0.03	1.09	65.58	0.00
GenGT SMUD 38	2018	3	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 38	2018	4	103.30	0.43	27.14	0.03	5.86	70.26	0.00
GenGT SMUD 38	2018	5	369.74	3.89	241.48	2.47	53.19	72.60	0.00
GenGT SMUD 38	2018	6	771.43	9.24	570.83	3.96	126.37	70.26	0.00
GenGT SMUD 38	2018	7	1,032.64	12.61	782.72	4.91	172.41	72.60	0.00
GenGT SMUD 38	2018	8	1,303.38	15.94	1,007.03	5.72	218.02	72.60	0.00
GenGT SMUD 38	2018	9	1,209.30	14.41	937.18	4.75	197.11	70.26	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 46	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2018		5,342.24	56.47	3,686.65	28.33	772.41	854.85	0.00
GenGT SMUD 5	2018	1	110.16	0.44	31.47	0.03	6.06	72.60	0.00
GenGT SMUD 5	2018	2	65.58	0.00	0.00	0.00	0.00	65.58	0.00
GenGT SMUD 5	2018	3	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 5	2018	4	70.26	0.00	0.00	0.00	0.00	70.26	0.00
GenGT SMUD 5	2018	5	254.65	2.39	148.49	0.84	32.71	72.60	0.00
GenGT SMUD 5	2018	6	679.51	8.02	495.58	3.96	109.71	70.26	0.00
GenGT SMUD 5	2018	7	785.54	9.34	580.22	4.91	127.81	72.60	0.00
GenGT SMUD 5	2018	8	1,067.93	12.89	814.16	4.91	176.26	72.60	0.00
GenGT SMUD 5	2018	9	985.79	11.57	752.51	4.75	158.27	70.26	0.00
GenGT SMUD 5	2018	10	126.67	0.66	44.95	0.03	9.09	72.60	0.00
GenGT SMUD 5	2018	11	435.95	4.29	303.89	3.18	58.62	70.26	0.00
GenGT SMUD 5	2018	12	687.60	6.86	515.39	5.72	93.89	72.60	0.00
GenGT SMUD 6	2018		4,976.51	51.82	3,385.44	27.46	708.76	854.85	0.00
GenGT SMUD 6	2018	1	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 6	2018	2	65.58	0.00	0.00	0.00	0.00	65.58	0.00
GenGT SMUD 6	2018	3	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 6	2018	4	70.26	0.00	0.00	0.00	0.00	70.26	0.00
GenGT SMUD 6	2018	5	133.04	0.80	49.50	0.03	10.90	72.60	0.00
GenGT SMUD 6	2018	6	638.15	7.47	461.72	3.96	102.21	70.26	0.00
GenGT SMUD 6	2018	7	825.60	9.87	613.05	4.91	135.04	72.60	0.00
GenGT SMUD 6	2018	8	1,030.49	12.40	783.38	4.91	169.60	72.60	0.00
GenGT SMUD 6	2018	9	872.03	10.13	658.52	4.75	138.50	70.26	0.00
GenGT SMUD 6	2018	10	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 6	2018	11	435.95	4.29	303.89	3.18	58.62	70.26	0.00
GenGT SMUD 6	2018	12	687.60	6.86	515.39	5.72	93.89	72.60	0.00
GenGT SMUD 7	2018		4,943.25	51.21	3,361.35	26.70	700.36	854.85	0.00
GenGT SMUD 7	2018	1	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 7	2018	2	65.58	0.00	0.00	0.00	0.00	65.58	0.00
GenGT SMUD 7	2018	3	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 7	2018	4	70.26	0.00	0.00	0.00	0.00	70.26	0.00
GenGT SMUD 7	2018	5	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 7	2018	6	548.85	6.30	389.24	3.18	86.17	70.26	0.00
GenGT SMUD 7	2018	7	812.99	9.71	602.71	4.91	132.76	72.60	0.00
GenGT SMUD 7	2018	8	1,088.73	13.16	831.25	4.91	179.97	72.60	0.00
GenGT SMUD 7	2018	9	822.21	9.50	618.00	3.96	129.98	70.26	0.00
GenGT SMUD 7	2018	10	126.67	0.66	44.95	0.03	9.09	72.60	0.00
GenGT SMUD 7	2018	11	403.49	3.90	276.68	3.18	53.37	70.26	0.00
GenGT SMUD 7	2018	12	786.69	7.97	598.52	6.53	109.03	72.60	0.00
GenGT SMUD 8	2018		4,614.52	47.16	3,089.49	25.13	645.05	854.85	0.00
GenGT SMUD 8	2018	1	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 8	2018	2	65.58	0.00	0.00	0.00	0.00	65.58	0.00
GenGT SMUD 8	2018	3	72.60	0.00	0.00	0.00	0.00	72.60	0.00
GenGT SMUD 8	2018	4	70.26	0.00	0.00	0.00	0.00	70.26	0.00
GenGT SMUD 8	2018	5	116.26	0.58	35.75	0.03	7.87	72.60	0.00
GenGT SMUD 8	2018	6	541.31	6.20	383.07	3.18	84.80	70.26	0.00
GenGT SMUD 8	2018	7	797.48	9.50	590.01	4.91	129.96	72.60	0.00
GenGT SMUD 8	2018	8	939.68	11.22	708.73	4.91	153.44	72.60	0.00
GenGT SMUD 8	2018	9	742.16	8.49	551.86	3.96	116.07	70.26	0.00
GenGT SMUD 8	2018	10	126.67	0.66	44.95	0.03	9.09	72.60	0.00
GenGT SMUD 8	2018	11	362.66	3.43	243.11	2.39	46.89	70.26	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Klamath Falls 1	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2018		758.16	97.20	758.16	0.00	0.00	0.00	0.00
Loon Lake	2018	1	40.56	5.20	40.56	0.00	0.00	0.00	0.00
Loon Lake	2018	2	80.34	10.30	80.34	0.00	0.00	0.00	0.00
Loon Lake	2018	3	64.74	8.30	64.74	0.00	0.00	0.00	0.00
Loon Lake	2018	4	56.94	7.30	56.94	0.00	0.00	0.00	0.00
Loon Lake	2018	5	74.10	9.50	74.10	0.00	0.00	0.00	0.00
Loon Lake	2018	6	106.86	13.70	106.86	0.00	0.00	0.00	0.00
Loon Lake	2018	7	99.84	12.80	99.84	0.00	0.00	0.00	0.00
Loon Lake	2018	8	87.36	11.20	87.36	0.00	0.00	0.00	0.00
Loon Lake	2018	9	42.12	5.40	42.12	0.00	0.00	0.00	0.00
Loon Lake	2018	10	39.00	5.00	39.00	0.00	0.00	0.00	0.00
Loon Lake	2018	11	25.74	3.30	25.74	0.00	0.00	0.00	0.00
Loon Lake	2018	12	40.56	5.20	40.56	0.00	0.00	0.00	0.00
McClellan CT 1	2018		432.67	0.00	0.00	0.00	0.00	432.67	0.00
McClellan CT 1	2018	1	36.75	0.00	0.00	0.00	0.00	36.75	0.00
McClellan CT 1	2018	2	33.19	0.00	0.00	0.00	0.00	33.19	0.00
McClellan CT 1	2018	3	36.75	0.00	0.00	0.00	0.00	36.75	0.00
McClellan CT 1	2018	4	35.56	0.00	0.00	0.00	0.00	35.56	0.00
McClellan CT 1	2018	5	36.75	0.00	0.00	0.00	0.00	36.75	0.00
McClellan CT 1	2018	6	35.56	0.00	0.00	0.00	0.00	35.56	0.00
McClellan CT 1	2018	7	36.75	0.00	0.00	0.00	0.00	36.75	0.00
McClellan CT 1	2018	8	36.75	0.00	0.00	0.00	0.00	36.75	0.00
McClellan CT 1	2018	9	35.56	0.00	0.00	0.00	0.00	35.56	0.00
McClellan CT 1	2018	10	36.75	0.00	0.00	0.00	0.00	36.75	0.00
McClellan CT 1	2018	11	35.56	0.00	0.00	0.00	0.00	35.56	0.00
McClellan CT 1	2018	12	36.75	0.00	0.00	0.00	0.00	36.75	0.00
McClellan CT 2	2018		6,665.97	91.02	5,864.48	142.94	225.81	432.67	0.07
McClellan CT 2	2018	1	506.68	6.39	441.99	12.10	15.84	36.75	0.00
McClellan CT 2	2018	2	365.33	4.66	308.06	12.50	11.57	33.19	0.00
McClellan CT 2	2018	3	491.27	6.69	424.62	13.30	16.59	36.75	0.01
McClellan CT 2	2018	4	344.86	4.66	287.30	10.44	11.56	35.56	0.00
McClellan CT 2	2018	5	523.33	7.56	457.25	10.57	18.76	36.75	0.01
McClellan CT 2	2018	6	573.56	8.39	504.97	12.20	20.82	35.56	0.01
McClellan CT 2	2018	7	678.78	10.00	604.55	12.67	24.80	36.75	0.01
McClellan CT 2	2018	8	701.01	10.18	626.12	12.89	25.24	36.75	0.01

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
McClellan CT 2	2018	9	633.02	8.88	562.57	12.84	22.03	35.56	0.01
McClellan CT 2	2018	10	544.90	7.23	476.41	13.81	17.93	36.75	0.01
McClellan CT 2	2018	11	538.71	6.90	476.66	9.37	17.12	35.56	0.01
McClellan CT 2	2018	12	764.52	9.49	693.97	10.25	23.54	36.75	0.01
MorganStanley1_O	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2018		19,818.58	143.65	9,149.78	155.51	1,964.81	8,548.49	0.00
Peaker SMUD 1	2018	1	726.04	0.00	0.00	0.00	0.00	726.04	0.00
Peaker SMUD 1	2018	2	655.77	0.00	0.00	0.00	0.00	655.77	0.00
Peaker SMUD 1	2018	3	726.04	0.00	0.00	0.00	0.00	726.04	0.00
Peaker SMUD 1	2018	4	702.62	0.00	0.00	0.00	0.00	702.62	0.00
Peaker SMUD 1	2018	5	786.72	0.80	49.50	0.28	10.90	726.04	0.00
Peaker SMUD 1	2018	6	1,919.82	15.83	978.31	22.33	216.57	702.62	0.00
Peaker SMUD 1	2018	7	3,653.08	38.04	2,361.79	45.02	520.24	726.04	0.00
Peaker SMUD 1	2018	8	5,707.26	64.22	4,057.17	45.68	878.38	726.04	0.00
Peaker SMUD 1	2018	9	1,735.80	12.75	829.35	29.41	174.43	702.62	0.00
Peaker SMUD 1	2018	10	834.41	1.33	89.89	0.31	18.17	726.04	0.00
Peaker SMUD 1	2018	11	1,076.00	4.37	310.22	3.33	59.84	702.62	0.00
Peaker SMUD 1	2018	12	1,295.02	6.31	473.56	9.16	86.27	726.04	0.00
Peaker SMUD 2	2018		8,533.40	10.40	650.86	46.70	142.20	7,693.64	0.00
Peaker SMUD 2	2018	1	653.43	0.00	0.00	0.00	0.00	653.43	0.00
Peaker SMUD 2	2018	2	590.20	0.00	0.00	0.00	0.00	590.20	0.00
Peaker SMUD 2	2018	3	653.43	0.00	0.00	0.00	0.00	653.43	0.00
Peaker SMUD 2	2018	4	632.35	0.00	0.00	0.00	0.00	632.35	0.00
Peaker SMUD 2	2018	5	653.43	0.00	0.00	0.00	0.00	653.43	0.00
Peaker SMUD 2	2018	6	775.36	1.76	108.56	10.41	24.03	632.35	0.00
Peaker SMUD 2	2018	7	905.99	3.23	200.74	7.60	44.22	653.43	0.00
Peaker SMUD 2	2018	8	1,097.63	5.41	341.56	28.70	73.95	653.43	0.00
Peaker SMUD 2	2018	9	632.35	0.00	0.00	0.00	0.00	632.35	0.00
Peaker SMUD 2	2018	10	653.43	0.00	0.00	0.00	0.00	653.43	0.00
Peaker SMUD 2	2018	11	632.35	0.00	0.00	0.00	0.00	632.35	0.00
Peaker SMUD 2	2018	12	653.43	0.00	0.00	0.00	0.00	653.43	0.00
Peaker SMUD 3	2018		2,668.71	1.28	79.87	6.78	17.51	2,564.55	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy1_7x24	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2018		6,657.96	90.06	5,646.02	124.71	577.06	310.11	0.07
Procter & G GT 1	2018	1	26.34	0.00	0.00	0.00	0.00	26.34	0.00
Procter & G GT 1	2018	2	23.79	0.00	0.00	0.00	0.00	23.79	0.00
Procter & G GT 1	2018	3	26.34	0.00	0.00	0.00	0.00	26.34	0.00
Procter & G GT 1	2018	4	25.49	0.00	0.00	0.00	0.00	25.49	0.00
Procter & G GT 1	2018	5	742.94	10.52	636.37	12.80	67.42	26.34	0.01
Procter & G GT 1	2018	6	949.97	13.58	817.04	20.44	86.99	25.49	0.01
Procter & G GT 1	2018	7	1,237.81	17.73	1,072.40	25.44	113.61	26.34	0.01
Procter & G GT 1	2018	8	1,291.90	18.25	1,122.75	25.89	116.91	26.34	0.01
Procter & G GT 1	2018	9	1,098.74	15.02	951.23	25.79	96.22	25.49	0.01
Procter & G GT 1	2018	10	26.34	0.00	0.00	0.00	0.00	26.34	0.00
Procter & G GT 1	2018	11	936.24	11.88	820.48	14.15	76.12	25.49	0.01
Procter & G GT 1	2018	12	272.06	3.09	225.74	0.20	19.78	26.34	0.00
Robbs Peak	2018		382.98	49.10	382.98	0.00	0.00	0.00	0.00
Robbs Peak	2018	1	28.08	3.60	28.08	0.00	0.00	0.00	0.00
Robbs Peak	2018	2	42.12	5.40	42.12	0.00	0.00	0.00	0.00
Robbs Peak	2018	3	52.26	6.70	52.26	0.00	0.00	0.00	0.00
Robbs Peak	2018	4	56.16	7.20	56.16	0.00	0.00	0.00	0.00
Robbs Peak	2018	5	56.16	7.20	56.16	0.00	0.00	0.00	0.00
Robbs Peak	2018	6	43.68	5.60	43.68	0.00	0.00	0.00	0.00
Robbs Peak	2018	7	29.64	3.80	29.64	0.00	0.00	0.00	0.00
Robbs Peak	2018	8	24.96	3.20	24.96	0.00	0.00	0.00	0.00
Robbs Peak	2018	9	11.70	1.50	11.70	0.00	0.00	0.00	0.00
Robbs Peak	2018	10	10.14	1.30	10.14	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Snohomish	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2018		64,523.11	1,120.43	60,897.18	5.62	-1,346.05	4,965.66	0.69
SPA Campbell C 1	2018	1	5,304.53	85.40	4,984.82	0.51	-102.60	421.74	0.05
SPA Campbell C 1	2018	2	4,399.02	73.72	4,106.16	0.44	-88.56	380.93	0.05
SPA Campbell C 1	2018	3	5,016.52	87.78	4,699.71	0.47	-105.45	421.74	0.05
SPA Campbell C 1	2018	4	4,671.41	83.89	4,363.56	0.44	-100.78	408.14	0.05
SPA Campbell C 1	2018	5	5,023.98	92.40	4,712.75	0.45	-111.01	421.74	0.06
SPA Campbell C 1	2018	6	5,222.28	97.16	4,930.37	0.43	-116.72	408.14	0.06
SPA Campbell C 1	2018	7	5,476.32	101.49	5,175.99	0.45	-121.92	421.74	0.06
SPA Campbell C 1	2018	8	5,902.40	108.11	5,610.02	0.46	-129.88	421.74	0.07
SPA Campbell C 1	2018	9	5,812.40	103.49	5,528.08	0.45	-124.33	408.14	0.06
SPA Campbell C 1	2018	10	5,839.53	99.63	5,536.93	0.49	-119.69	421.74	0.06
SPA Campbell C 1	2018	11	5,494.74	89.17	5,193.17	0.49	-107.12	408.14	0.05
SPA Campbell C 1	2018	12	6,359.98	98.19	6,055.60	0.54	-117.97	421.74	0.06
Union Valley	2018		922.74	118.30	922.74	0.00	0.00	0.00	0.00
Union Valley	2018	1	48.36	6.20	48.36	0.00	0.00	0.00	0.00
Union Valley	2018	2	58.50	7.50	58.50	0.00	0.00	0.00	0.00
Union Valley	2018	3	81.12	10.40	81.12	0.00	0.00	0.00	0.00
Union Valley	2018	4	76.44	9.80	76.44	0.00	0.00	0.00	0.00
Union Valley	2018	5	98.28	12.60	98.28	0.00	0.00	0.00	0.00
Union Valley	2018	6	101.40	13.00	101.40	0.00	0.00	0.00	0.00
Union Valley	2018	7	101.40	13.00	101.40	0.00	0.00	0.00	0.00
Union Valley	2018	8	117.00	15.00	117.00	0.00	0.00	0.00	0.00
Union Valley	2018	9	99.84	12.80	99.84	0.00	0.00	0.00	0.00
Union Valley	2018	10	38.22	4.90	38.22	0.00	0.00	0.00	0.00
Union Valley	2018	11	42.90	5.50	42.90	0.00	0.00	0.00	0.00
Union Valley	2018	12	59.28	7.60	59.28	0.00	0.00	0.00	0.00
WAPA 1	2018		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2018	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2018		7,050.78	903.95	7,050.78	0.00	0.00	0.00	0.00
WAPA 2	2018	1	440.46	56.47	440.46	0.00	0.00	0.00	0.00
WAPA 2	2018	2	461.79	59.20	461.79	0.00	0.00	0.00	0.00
WAPA 2	2018	3	472.96	60.64	472.96	0.00	0.00	0.00	0.00
WAPA 2	2018	4	519.48	66.60	519.48	0.00	0.00	0.00	0.00
WAPA 2	2018	5	706.83	90.62	706.83	0.00	0.00	0.00	0.00
WAPA 2	2018	6	783.43	100.44	783.43	0.00	0.00	0.00	0.00
WAPA 2	2018	7	1,014.40	130.05	1,014.40	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
WAPA 2	2018	8	814.77	104.46	814.77	0.00	0.00	0.00	0.00
WAPA 2	2018	9	648.09	83.09	648.09	0.00	0.00	0.00	0.00
WAPA 2	2018	10	451.49	57.88	451.49	0.00	0.00	0.00	0.00
WAPA 2	2018	11	328.54	42.12	328.54	0.00	0.00	0.00	0.00
WAPA 2	2018	12	408.55	52.38	408.55	0.00	0.00	0.00	0.00
White Rock	2018		4,254.12	545.40	4,254.12	0.00	0.00	0.00	0.00
White Rock	2018	1	334.62	42.90	334.62	0.00	0.00	0.00	0.00
White Rock	2018	2	365.82	46.90	365.82	0.00	0.00	0.00	0.00
White Rock	2018	3	537.42	68.90	537.42	0.00	0.00	0.00	0.00
White Rock	2018	4	559.26	71.70	559.26	0.00	0.00	0.00	0.00
White Rock	2018	5	645.06	82.70	645.06	0.00	0.00	0.00	0.00
White Rock	2018	6	486.72	62.40	486.72	0.00	0.00	0.00	0.00
White Rock	2018	7	319.80	41.00	319.80	0.00	0.00	0.00	0.00
White Rock	2018	8	270.66	34.70	270.66	0.00	0.00	0.00	0.00
White Rock	2018	9	237.12	30.40	237.12	0.00	0.00	0.00	0.00
White Rock	2018	10	133.38	17.10	133.38	0.00	0.00	0.00	0.00
White Rock	2018	11	134.94	17.30	134.94	0.00	0.00	0.00	0.00
White Rock	2018	12	229.32	29.40	229.32	0.00	0.00	0.00	0.00
Camino	2019		2,902.40	362.80	2,902.40	0.00	0.00	0.00	0.00
Camino	2019	1	192.80	24.10	192.80	0.00	0.00	0.00	0.00
Camino	2019	2	237.60	29.70	237.60	0.00	0.00	0.00	0.00
Camino	2019	3	319.20	39.90	319.20	0.00	0.00	0.00	0.00
Camino	2019	4	268.80	33.60	268.80	0.00	0.00	0.00	0.00
Camino	2019	5	272.00	34.00	272.00	0.00	0.00	0.00	0.00
Camino	2019	6	264.80	33.10	264.80	0.00	0.00	0.00	0.00
Camino	2019	7	265.60	33.20	265.60	0.00	0.00	0.00	0.00
Camino	2019	8	311.20	38.90	311.20	0.00	0.00	0.00	0.00
Camino	2019	9	277.60	34.70	277.60	0.00	0.00	0.00	0.00
Camino	2019	10	143.20	17.90	143.20	0.00	0.00	0.00	0.00
Camino	2019	11	144.80	18.10	144.80	0.00	0.00	0.00	0.00
Camino	2019	12	204.80	25.60	204.80	0.00	0.00	0.00	0.00
Camp Far West	2019		168.71	21.09	168.71	0.00	0.00	0.00	0.00
Camp Far West	2019	1	13.69	1.71	13.69	0.00	0.00	0.00	0.00
Camp Far West	2019	2	22.04	2.76	22.04	0.00	0.00	0.00	0.00
Camp Far West	2019	3	23.81	2.98	23.81	0.00	0.00	0.00	0.00
Camp Far West	2019	4	19.58	2.45	19.58	0.00	0.00	0.00	0.00
Camp Far West	2019	5	22.62	2.83	22.62	0.00	0.00	0.00	0.00
Camp Far West	2019	6	21.89	2.74	21.89	0.00	0.00	0.00	0.00
Camp Far West	2019	7	17.86	2.23	17.86	0.00	0.00	0.00	0.00
Camp Far West	2019	8	15.48	1.93	15.48	0.00	0.00	0.00	0.00
Camp Far West	2019	9	2.30	0.29	2.30	0.00	0.00	0.00	0.00
Camp Far West	2019	10	1.19	0.15	1.19	0.00	0.00	0.00	0.00
Camp Far West	2019	11	2.30	0.29	2.30	0.00	0.00	0.00	0.00
Camp Far West	2019	12	5.95	0.74	5.95	0.00	0.00	0.00	0.00
Carson Ice CGCC	2019		25,775.66	388.13	22,961.53	1.71	714.27	2,097.90	0.25
Carson Ice CGCC	2019	1	2,240.10	31.47	2,003.84	0.16	57.90	178.18	0.02
Carson Ice CGCC	2019	2	1,853.71	26.93	1,643.07	0.13	49.55	160.94	0.02
Carson Ice CGCC	2019	3	2,101.87	32.03	1,864.59	0.14	58.94	178.18	0.02
Carson Ice CGCC	2019	4	1,945.55	30.31	1,717.19	0.13	55.77	172.43	0.02
Carson Ice CGCC	2019	5	2,072.71	33.02	1,833.61	0.14	60.77	178.18	0.02
Carson Ice CGCC	2019	6	2,033.42	32.64	1,800.76	0.13	60.07	172.43	0.02
Carson Ice CGCC	2019	7	2,133.73	34.18	1,892.51	0.14	62.89	178.18	0.02
Carson Ice CGCC	2019	8	2,204.77	34.88	1,962.23	0.14	64.20	178.18	0.02
Carson Ice CGCC	2019	9	2,199.58	33.93	1,964.55	0.14	62.44	172.43	0.02
Carson Ice CGCC	2019	10	2,249.94	33.19	2,010.52	0.15	61.07	178.18	0.02
Carson Ice CGCC	2019	11	2,235.13	31.68	2,004.24	0.15	58.29	172.43	0.02
Carson Ice CGCC	2019	12	2,505.15	33.89	2,264.42	0.16	62.37	178.18	0.02

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Carson Ice CGGT	2019		7,137.25	74.18	5,233.44	96.89	297.84	1,509.02	0.06
Carson Ice CGGT	2019	1	128.16	0.00	0.00	0.00	0.00	128.16	0.00
Carson Ice CGGT	2019	2	115.76	0.00	0.00	0.00	0.00	115.76	0.00
Carson Ice CGGT	2019	3	128.16	0.00	0.00	0.00	0.00	128.16	0.00
Carson Ice CGGT	2019	4	124.03	0.00	0.00	0.00	0.00	124.03	0.00
Carson Ice CGGT	2019	5	708.28	7.97	538.60	9.50	32.01	128.16	0.01
Carson Ice CGGT	2019	6	926.19	11.07	742.60	15.09	44.46	124.03	0.01
Carson Ice CGGT	2019	7	1,191.84	14.63	986.15	18.77	58.75	128.16	0.01
Carson Ice CGGT	2019	8	1,196.76	14.45	991.44	19.10	58.04	128.16	0.01
Carson Ice CGGT	2019	9	946.13	10.80	762.83	15.90	43.36	124.03	0.01
Carson Ice CGGT	2019	10	128.16	0.00	0.00	0.00	0.00	128.16	0.00
Carson Ice CGGT	2019	11	704.03	7.06	544.57	7.06	28.36	124.03	0.01
Carson Ice CGGT	2019	12	839.75	8.18	667.26	11.46	32.86	128.16	0.01
CDWR_Ex_6x16OnPl	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2019		110,596.91	1,654.35	110,596.91	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	1	19,113.59	280.54	19,113.59	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	2	14,800.78	233.67	14,800.78	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	3	9,277.35	145.41	9,277.35	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	4	5,745.13	105.44	5,745.13	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	5	4,598.98	81.62	4,598.98	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	6	3,709.69	60.95	3,709.69	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	7	3,264.53	49.49	3,264.53	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	8	2,802.04	42.13	2,802.04	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	9	4,175.31	62.70	4,175.31	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	10	13,983.29	198.63	13,983.29	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	11	13,988.30	190.34	13,988.30	0.00	0.00	0.00	0.00
CNP15_Markets p	2019	12	15,137.90	203.43	15,137.90	0.00	0.00	0.00	0.00
CNP15_Markets s	2019		-151,042.11	-1,683.76	-151,042.11	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	1	-1,612.04	-17.45	-1,612.04	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	2	-1.48	-0.03	-1.48	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	3	-1,765.21	-21.84	-1,765.21	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	4	-3,268.78	-38.99	-3,268.78	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	5	-13,322.93	-159.54	-13,322.93	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	6	-18,945.90	-218.99	-18,945.90	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	7	-28,922.27	-321.23	-28,922.27	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	8	-32,818.29	-350.06	-32,818.29	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	9	-25,341.10	-291.71	-25,341.10	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	10	-1,519.96	-19.76	-1,519.96	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	11	-7,880.15	-84.21	-7,880.15	0.00	0.00	0.00	0.00
CNP15_Markets s	2019	12	-15,644.00	-159.97	-15,644.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2019		106,086.86	1,943.62	96,857.97	18.05	7,037.34	2,172.45	1.05
Cosumnes SMUD 1a	2019	1	9,347.76	160.41	8,580.72	1.65	580.79	184.51	0.09
Cosumnes SMUD 1a	2019	2	7,936.76	142.10	7,254.11	1.42	514.51	166.65	0.08
Cosumnes SMUD 1a	2019	3	8,444.68	156.88	7,690.56	1.51	568.02	184.51	0.08
Cosumnes SMUD 1a	2019	4	7,992.92	152.46	7,260.82	1.42	552.03	178.56	0.08

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3a	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2019		7,739.08	83.83	5,651.17	36.42	1,175.28	876.22	0.00
G1nGT SMUD 33	2019	1	149.33	0.84	62.25	0.87	11.80	74.42	0.00
G1nGT SMUD 33	2019	2	95.82	0.32	22.58	1.53	4.49	67.22	0.00
G1nGT SMUD 33	2019	3	158.61	1.02	69.05	0.87	14.28	74.42	0.00
G1nGT SMUD 33	2019	4	175.52	1.29	84.64	0.84	18.03	72.02	0.00
G1nGT SMUD 33	2019	5	673.00	7.57	489.88	2.53	106.17	74.42	0.00
G1nGT SMUD 33	2019	6	957.73	11.27	723.63	4.06	158.02	72.02	0.00
G1nGT SMUD 33	2019	7	1,324.74	15.85	1,023.02	5.03	222.27	74.42	0.00
G1nGT SMUD 33	2019	8	1,420.47	16.83	1,105.09	5.03	235.93	74.42	0.00
G1nGT SMUD 33	2019	9	1,284.05	14.79	999.87	4.87	207.29	72.02	0.00
G1nGT SMUD 33	2019	10	130.53	0.66	46.76	0.03	9.31	74.42	0.00
G1nGT SMUD 33	2019	11	505.24	4.89	360.66	4.06	68.50	72.02	0.00
G1nGT SMUD 33	2019	12	864.05	8.50	663.73	6.70	119.21	74.42	0.00
GenGT SMUD 1	2019		11,352.60	126.51	8,637.05	65.69	1,773.64	876.22	0.00
GenGT SMUD 1	2019	1	757.57	7.71	570.09	5.03	108.03	74.42	0.00
GenGT SMUD 1	2019	2	414.96	4.04	285.06	6.05	56.64	67.22	0.00
GenGT SMUD 1	2019	3	518.65	5.36	363.24	5.86	75.12	74.42	0.00
GenGT SMUD 1	2019	4	569.68	6.17	406.27	4.87	86.52	72.02	0.00
GenGT SMUD 1	2019	5	912.53	10.58	684.69	5.03	148.39	74.42	0.00
GenGT SMUD 1	2019	6	1,214.11	14.53	932.74	5.68	203.68	72.02	0.00
GenGT SMUD 1	2019	7	1,381.23	16.56	1,068.74	5.86	232.20	74.42	0.00
GenGT SMUD 1	2019	8	1,576.58	18.78	1,233.05	5.86	263.25	74.42	0.00
GenGT SMUD 1	2019	9	1,382.83	15.99	1,081.02	5.68	224.11	72.02	0.00
GenGT SMUD 1	2019	10	539.27	5.45	383.46	5.03	76.37	74.42	0.00
GenGT SMUD 1	2019	11	863.12	8.95	660.75	4.87	125.49	72.02	0.00
GenGT SMUD 1	2019	12	1,222.06	12.40	967.94	5.86	173.84	74.42	0.00
GenGT SMUD 10	2019		11,255.40	125.30	8,557.57	64.96	1,756.65	876.22	0.00
GenGT SMUD 10	2019	1	790.42	8.06	596.30	6.70	113.00	74.42	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 10	2019	2	397.30	3.84	270.95	5.30	53.84	67.22	0.00
GenGT SMUD 10	2019	3	540.39	5.62	381.26	5.86	78.85	74.42	0.00
GenGT SMUD 10	2019	4	466.21	4.89	321.63	4.06	68.50	72.02	0.00
GenGT SMUD 10	2019	5	825.38	9.48	613.07	5.03	132.87	74.42	0.00
GenGT SMUD 10	2019	6	1,173.86	14.01	899.72	5.64	196.47	72.02	0.00
GenGT SMUD 10	2019	7	1,453.44	17.49	1,128.75	5.03	245.24	74.42	0.00
GenGT SMUD 10	2019	8	1,600.45	19.09	1,253.41	5.03	267.59	74.42	0.00
GenGT SMUD 10	2019	9	1,413.51	16.37	1,107.11	4.87	229.52	72.02	0.00
GenGT SMUD 10	2019	10	528.06	5.31	374.10	5.03	74.50	74.42	0.00
GenGT SMUD 10	2019	11	871.21	9.04	667.54	4.87	126.78	72.02	0.00
GenGT SMUD 10	2019	12	1,195.18	12.09	943.74	7.53	169.50	74.42	0.00
GenGT SMUD 11	2019		10,855.74	120.50	8,227.68	62.54	1,689.29	876.22	0.00
GenGT SMUD 11	2019	1	756.74	7.71	570.09	4.20	108.03	74.42	0.00
GenGT SMUD 11	2019	2	383.76	3.68	259.66	5.30	51.59	67.22	0.00
GenGT SMUD 11	2019	3	403.55	3.94	267.18	6.70	55.26	74.42	0.00
GenGT SMUD 11	2019	4	402.99	4.11	270.85	2.45	57.68	72.02	0.00
GenGT SMUD 11	2019	5	902.90	10.45	676.10	5.86	146.52	74.42	0.00
GenGT SMUD 11	2019	6	1,130.31	13.46	863.95	5.68	188.66	72.02	0.00
GenGT SMUD 11	2019	7	1,443.01	17.36	1,120.18	5.03	243.38	74.42	0.00
GenGT SMUD 11	2019	8	1,534.23	18.25	1,198.15	5.86	255.80	74.42	0.00
GenGT SMUD 11	2019	9	1,396.02	16.16	1,092.61	4.87	226.52	72.02	0.00
GenGT SMUD 11	2019	10	454.12	4.43	311.75	5.86	62.09	74.42	0.00
GenGT SMUD 11	2019	11	874.97	9.09	670.71	4.87	127.38	72.02	0.00
GenGT SMUD 11	2019	12	1,173.13	11.87	926.45	5.86	166.39	74.42	0.00
GenGT SMUD 12	2019		10,487.83	115.90	7,917.55	69.18	1,624.88	876.22	0.00
GenGT SMUD 12	2019	1	716.37	7.22	534.05	6.70	101.20	74.42	0.00
GenGT SMUD 12	2019	2	393.16	3.80	268.12	4.54	53.27	67.22	0.00
GenGT SMUD 12	2019	3	387.10	3.72	252.17	8.36	52.15	74.42	0.00
GenGT SMUD 12	2019	4	394.34	3.99	262.38	4.06	55.88	72.02	0.00
GenGT SMUD 12	2019	5	848.95	9.79	633.12	4.20	137.21	74.42	0.00
GenGT SMUD 12	2019	6	1,036.44	12.26	786.91	5.68	171.84	72.02	0.00
GenGT SMUD 12	2019	7	1,432.57	17.23	1,111.60	5.03	241.52	74.42	0.00
GenGT SMUD 12	2019	8	1,477.77	17.54	1,151.62	5.86	245.86	74.42	0.00
GenGT SMUD 12	2019	9	1,378.52	15.94	1,078.12	4.87	223.51	72.02	0.00
GenGT SMUD 12	2019	10	420.48	4.03	283.70	5.86	56.50	74.42	0.00
GenGT SMUD 12	2019	11	831.41	8.57	632.74	6.48	120.17	72.02	0.00
GenGT SMUD 12	2019	12	1,170.72	11.82	923.00	7.53	165.77	74.42	0.00
GenGT SMUD 13	2019		10,117.30	111.52	7,611.89	65.69	1,563.50	876.22	0.00
GenGT SMUD 13	2019	1	723.33	7.31	540.61	5.86	102.44	74.42	0.00
GenGT SMUD 13	2019	2	388.65	3.72	262.48	6.80	52.15	67.22	0.00
GenGT SMUD 13	2019	3	421.67	4.16	282.19	6.70	58.36	74.42	0.00
GenGT SMUD 13	2019	4	303.75	2.87	189.03	2.45	40.26	72.02	0.00
GenGT SMUD 13	2019	5	659.89	7.40	478.42	3.36	103.68	74.42	0.00
GenGT SMUD 13	2019	6	1,106.03	13.16	844.69	4.87	184.46	72.02	0.00
GenGT SMUD 13	2019	7	1,429.09	17.18	1,108.75	5.03	240.90	74.42	0.00
GenGT SMUD 13	2019	8	1,547.51	18.42	1,209.79	5.03	258.28	74.42	0.00
GenGT SMUD 13	2019	9	1,277.86	14.70	994.08	5.68	206.09	72.02	0.00
GenGT SMUD 13	2019	10	421.31	4.03	283.70	6.70	56.50	74.42	0.00
GenGT SMUD 13	2019	11	732.73	7.46	550.49	5.68	104.55	72.02	0.00
GenGT SMUD 13	2019	12	1,105.47	11.12	867.69	7.53	155.84	74.42	0.00
GenGT SMUD 14	2019		10,181.92	112.34	7,668.27	62.46	1,574.97	876.22	0.00
GenGT SMUD 14	2019	1	689.09	6.91	511.12	6.70	96.85	74.42	0.00
GenGT SMUD 14	2019	2	333.77	3.08	217.32	6.05	43.18	67.22	0.00
GenGT SMUD 14	2019	3	386.27	3.72	252.17	7.53	52.15	74.42	0.00
GenGT SMUD 14	2019	4	347.43	3.43	225.71	1.64	48.07	72.02	0.00
GenGT SMUD 14	2019	5	732.26	8.33	538.59	2.53	116.72	74.42	0.00
GenGT SMUD 14	2019	6	1,039.80	12.30	789.66	5.68	172.44	72.02	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 14	2019	7	1,422.13	17.09	1,103.03	5.03	239.65	74.42	0.00
GenGT SMUD 14	2019	8	1,551.04	18.47	1,212.69	5.03	258.90	74.42	0.00
GenGT SMUD 14	2019	9	1,336.53	15.43	1,043.35	4.87	216.30	72.02	0.00
GenGT SMUD 14	2019	10	419.64	4.03	283.70	5.03	56.50	74.42	0.00
GenGT SMUD 14	2019	11	819.31	8.44	623.25	5.68	118.36	72.02	0.00
GenGT SMUD 14	2019	12	1,104.64	11.12	867.69	6.70	155.84	74.42	0.00
GenGT SMUD 15	2019		9,604.52	105.41	7,185.71	64.85	1,477.74	876.22	0.00
GenGT SMUD 15	2019	1	640.09	6.33	468.52	8.36	88.78	74.42	0.00
GenGT SMUD 15	2019	2	281.14	2.44	172.16	7.55	34.21	67.22	0.00
GenGT SMUD 15	2019	3	334.72	3.10	210.14	6.70	43.46	74.42	0.00
GenGT SMUD 15	2019	4	326.90	3.17	208.78	1.64	44.46	72.02	0.00
GenGT SMUD 15	2019	5	683.46	7.71	498.48	2.53	108.03	74.42	0.00
GenGT SMUD 15	2019	6	1,089.27	12.94	830.93	4.87	181.45	72.02	0.00
GenGT SMUD 15	2019	7	1,342.96	16.08	1,037.31	5.86	225.37	74.42	0.00
GenGT SMUD 15	2019	8	1,498.11	17.80	1,169.07	5.03	249.59	74.42	0.00
GenGT SMUD 15	2019	9	1,238.56	14.23	962.20	4.87	199.48	72.02	0.00
GenGT SMUD 15	2019	10	404.69	3.85	271.23	5.03	54.02	74.42	0.00
GenGT SMUD 15	2019	11	675.45	6.81	503.03	4.87	95.53	72.02	0.00
GenGT SMUD 15	2019	12	1,089.16	10.94	853.86	7.53	153.35	74.42	0.00
GenGT SMUD 16	2019		9,733.46	107.21	7,295.00	59.18	1,503.05	876.22	0.00
GenGT SMUD 16	2019	1	612.81	6.02	445.59	8.36	84.44	74.42	0.00
GenGT SMUD 16	2019	2	279.64	2.44	172.16	6.05	34.21	67.22	0.00
GenGT SMUD 16	2019	3	310.48	2.83	192.13	4.20	39.74	74.42	0.00
GenGT SMUD 16	2019	4	299.52	2.83	186.21	1.64	39.66	72.02	0.00
GenGT SMUD 16	2019	5	827.20	9.52	615.93	3.36	133.49	74.42	0.00
GenGT SMUD 16	2019	6	1,028.13	12.17	781.41	4.06	170.64	72.02	0.00
GenGT SMUD 16	2019	7	1,411.70	16.96	1,094.46	5.03	237.79	74.42	0.00
GenGT SMUD 16	2019	8	1,533.40	18.25	1,198.15	5.03	255.80	74.42	0.00
GenGT SMUD 16	2019	9	1,315.54	15.17	1,025.96	4.87	212.70	72.02	0.00
GenGT SMUD 16	2019	10	370.21	3.45	243.17	4.20	48.43	74.42	0.00
GenGT SMUD 16	2019	11	717.67	7.29	537.83	5.68	102.14	72.02	0.00
GenGT SMUD 16	2019	12	1,027.16	10.27	802.00	6.70	144.04	74.42	0.00
GenGT SMUD 17	2019		9,487.48	104.24	7,091.50	58.32	1,461.44	876.22	0.00
GenGT SMUD 17	2019	1	589.43	5.76	425.93	8.36	80.71	74.42	0.00
GenGT SMUD 17	2019	2	266.86	2.28	160.87	6.80	31.96	67.22	0.00
GenGT SMUD 17	2019	3	324.97	3.01	204.14	4.20	42.22	74.42	0.00
GenGT SMUD 17	2019	4	250.81	2.23	146.71	0.84	31.24	72.02	0.00
GenGT SMUD 17	2019	5	679.97	7.66	495.61	2.53	107.41	74.42	0.00
GenGT SMUD 17	2019	6	1,082.57	12.86	825.43	4.87	180.25	72.02	0.00
GenGT SMUD 17	2019	7	1,411.70	16.96	1,094.46	5.03	237.79	74.42	0.00
GenGT SMUD 17	2019	8	1,529.87	18.20	1,195.24	5.03	255.18	74.42	0.00
GenGT SMUD 17	2019	9	1,308.54	15.09	1,020.16	4.87	211.49	72.02	0.00
GenGT SMUD 17	2019	10	366.47	3.41	240.05	4.20	47.81	74.42	0.00
GenGT SMUD 17	2019	11	648.29	6.51	480.89	4.06	91.33	72.02	0.00
GenGT SMUD 17	2019	12	1,027.99	10.27	802.00	7.53	144.04	74.42	0.00
GenGT SMUD 18	2019		9,395.08	103.32	7,016.02	54.37	1,448.48	876.22	0.00
GenGT SMUD 18	2019	1	545.72	5.27	389.89	7.53	73.88	74.42	0.00
GenGT SMUD 18	2019	2	193.55	1.44	101.61	4.54	20.19	67.22	0.00
GenGT SMUD 18	2019	3	258.93	2.21	150.10	3.36	31.04	74.42	0.00
GenGT SMUD 18	2019	4	296.10	2.79	183.39	1.64	39.05	72.02	0.00
GenGT SMUD 18	2019	5	820.23	9.43	610.21	3.36	132.24	74.42	0.00
GenGT SMUD 18	2019	6	1,062.46	12.60	808.92	4.87	176.65	72.02	0.00
GenGT SMUD 18	2019	7	1,401.26	16.83	1,085.89	5.03	235.93	74.42	0.00
GenGT SMUD 18	2019	8	1,529.87	18.20	1,195.24	5.03	255.18	74.42	0.00
GenGT SMUD 18	2019	9	1,298.04	14.96	1,011.47	4.87	209.69	72.02	0.00
GenGT SMUD 18	2019	10	335.73	3.06	215.11	3.36	42.84	74.42	0.00
GenGT SMUD 18	2019	11	621.94	6.21	458.74	4.06	87.12	72.02	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 18	2019	12	1,031.24	10.32	805.46	6.70	144.66	74.42	0.00
GenGT SMUD 19	2019		8,818.86	96.28	6,538.51	54.29	1,349.84	876.22	0.00
GenGT SMUD 19	2019	1	545.72	5.27	389.89	7.53	73.88	74.42	0.00
GenGT SMUD 19	2019	2	197.69	1.48	104.43	5.30	20.75	67.22	0.00
GenGT SMUD 19	2019	3	173.93	1.20	81.05	1.70	16.76	74.42	0.00
GenGT SMUD 19	2019	4	226.85	1.93	126.96	0.84	27.04	72.02	0.00
GenGT SMUD 19	2019	5	638.98	7.13	461.24	3.36	99.96	74.42	0.00
GenGT SMUD 19	2019	6	1,059.10	12.56	806.17	4.87	176.05	72.02	0.00
GenGT SMUD 19	2019	7	1,397.79	16.78	1,083.03	5.03	235.31	74.42	0.00
GenGT SMUD 19	2019	8	1,519.28	18.07	1,186.52	5.03	253.31	74.42	0.00
GenGT SMUD 19	2019	9	1,228.06	14.10	953.50	4.87	197.68	72.02	0.00
GenGT SMUD 19	2019	10	298.35	2.61	183.93	3.36	36.63	74.42	0.00
GenGT SMUD 19	2019	11	517.34	5.01	370.16	4.87	70.30	72.02	0.00
GenGT SMUD 19	2019	12	1,015.76	10.14	791.63	7.53	142.18	74.42	0.00
GenGT SMUD 2	2019		8,710.93	95.05	6,447.66	54.43	1,332.62	876.22	0.00
GenGT SMUD 2	2019	1	503.69	4.78	353.85	8.36	67.05	74.42	0.00
GenGT SMUD 2	2019	2	186.79	1.36	95.96	4.54	19.07	67.22	0.00
GenGT SMUD 2	2019	3	202.92	1.55	105.07	1.70	21.73	74.42	0.00
GenGT SMUD 2	2019	4	226.85	1.93	126.96	0.84	27.04	72.02	0.00
GenGT SMUD 2	2019	5	743.55	8.46	547.18	3.36	118.59	74.42	0.00
GenGT SMUD 2	2019	6	1,022.23	12.09	775.91	4.87	169.44	72.02	0.00
GenGT SMUD 2	2019	7	1,311.66	15.68	1,011.59	5.86	219.79	74.42	0.00
GenGT SMUD 2	2019	8	1,519.28	18.07	1,186.52	5.03	253.31	74.42	0.00
GenGT SMUD 2	2019	9	1,203.57	13.80	933.21	4.87	193.47	72.02	0.00
GenGT SMUD 2	2019	10	273.01	2.30	162.11	4.20	32.29	74.42	0.00
GenGT SMUD 2	2019	11	587.25	5.83	430.27	3.26	81.71	72.02	0.00
GenGT SMUD 2	2019	12	930.13	9.21	719.04	7.53	129.14	74.42	0.00
GenGT SMUD 20	2019		8,715.27	95.22	6,452.11	52.01	1,334.94	876.22	0.00
GenGT SMUD 20	2019	1	534.86	5.14	380.06	8.36	72.02	74.42	0.00
GenGT SMUD 20	2019	2	164.98	1.12	79.03	3.04	15.70	67.22	0.00
GenGT SMUD 20	2019	3	227.44	1.86	126.08	0.87	26.08	74.42	0.00
GenGT SMUD 20	2019	4	252.42	2.23	146.71	2.45	31.24	72.02	0.00
GenGT SMUD 20	2019	5	683.46	7.71	498.48	2.53	108.03	74.42	0.00
GenGT SMUD 20	2019	6	1,018.88	12.04	773.15	4.87	168.84	72.02	0.00
GenGT SMUD 20	2019	7	1,359.52	16.30	1,051.59	5.03	228.48	74.42	0.00
GenGT SMUD 20	2019	8	1,498.11	17.80	1,169.07	5.03	249.59	74.42	0.00
GenGT SMUD 20	2019	9	1,291.05	14.87	1,005.67	4.87	208.49	72.02	0.00
GenGT SMUD 20	2019	10	242.27	1.95	137.17	3.36	27.32	74.42	0.00
GenGT SMUD 20	2019	11	569.24	5.61	414.45	4.06	78.71	72.02	0.00
GenGT SMUD 20	2019	12	873.04	8.59	670.64	7.53	120.45	74.42	0.00
GenGT SMUD 21	2019		8,444.37	91.83	6,227.99	52.81	1,287.35	876.22	0.00
GenGT SMUD 21	2019	1	427.97	3.94	291.60	6.70	55.26	74.42	0.00
GenGT SMUD 21	2019	2	162.35	1.08	76.20	3.79	15.14	67.22	0.00
GenGT SMUD 21	2019	3	211.00	1.64	111.07	2.53	22.97	74.42	0.00
GenGT SMUD 21	2019	4	175.52	1.29	84.64	0.84	18.03	72.02	0.00
GenGT SMUD 21	2019	5	679.97	7.66	495.61	2.53	107.41	74.42	0.00
GenGT SMUD 21	2019	6	1,001.31	11.83	759.40	4.06	165.83	72.02	0.00
GenGT SMUD 21	2019	7	1,352.57	16.21	1,045.88	5.03	227.24	74.42	0.00
GenGT SMUD 21	2019	8	1,427.53	16.92	1,110.91	5.03	237.17	74.42	0.00
GenGT SMUD 21	2019	9	1,252.56	14.40	973.79	4.87	201.88	72.02	0.00
GenGT SMUD 21	2019	10	231.89	1.82	127.82	4.20	25.46	74.42	0.00
GenGT SMUD 21	2019	11	566.28	5.57	411.28	4.87	78.11	72.02	0.00
GenGT SMUD 21	2019	12	955.43	9.48	739.78	8.36	132.87	74.42	0.00
GenGT SMUD 25	2019		8,141.58	88.43	5,979.34	46.26	1,239.77	876.22	0.00
GenGT SMUD 25	2019	1	391.23	3.54	262.11	5.03	49.67	74.42	0.00
GenGT SMUD 25	2019	2	134.54	0.76	53.62	3.04	10.65	67.22	0.00
GenGT SMUD 25	2019	3	151.36	0.93	63.04	0.87	13.04	74.42	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 25	2019	4	244.77	2.14	141.07	1.64	30.04	72.02	0.00
GenGT SMUD 25	2019	5	613.74	6.82	441.18	2.53	95.61	74.42	0.00
GenGT SMUD 25	2019	6	1,001.31	11.83	759.40	4.06	165.83	72.02	0.00
GenGT SMUD 25	2019	7	1,369.96	16.43	1,060.17	5.03	230.34	74.42	0.00
GenGT SMUD 25	2019	8	1,473.41	17.49	1,148.71	5.03	245.24	74.42	0.00
GenGT SMUD 25	2019	9	1,252.56	14.40	973.79	4.87	201.88	72.02	0.00
GenGT SMUD 25	2019	10	147.98	0.84	59.23	2.53	11.80	74.42	0.00
GenGT SMUD 25	2019	11	421.61	3.94	291.06	3.26	55.28	72.02	0.00
GenGT SMUD 25	2019	12	939.12	9.30	725.95	8.36	130.38	74.42	0.00
GenGT SMUD 26	2019		8,023.19	87.03	5,881.38	45.48	1,220.12	876.22	0.00
GenGT SMUD 26	2019	1	292.97	2.44	180.20	4.20	34.15	74.42	0.00
GenGT SMUD 26	2019	2	99.95	0.36	25.40	2.29	5.05	67.22	0.00
GenGT SMUD 26	2019	3	162.23	1.06	72.05	0.87	14.90	74.42	0.00
GenGT SMUD 26	2019	4	175.52	1.29	84.64	0.84	18.03	72.02	0.00
GenGT SMUD 26	2019	5	750.52	8.55	552.91	3.36	119.83	74.42	0.00
GenGT SMUD 26	2019	6	997.96	11.79	756.65	4.06	165.23	72.02	0.00
GenGT SMUD 26	2019	7	1,289.95	15.41	994.44	5.03	216.06	74.42	0.00
GenGT SMUD 26	2019	8	1,420.47	16.83	1,105.09	5.03	235.93	74.42	0.00
GenGT SMUD 26	2019	9	1,235.87	14.19	959.30	5.68	198.88	72.02	0.00
GenGT SMUD 26	2019	10	196.58	1.42	99.76	2.53	19.87	74.42	0.00
GenGT SMUD 26	2019	11	475.12	4.54	335.35	4.06	63.69	72.02	0.00
GenGT SMUD 26	2019	12	926.05	9.17	715.58	7.53	128.52	74.42	0.00
GenGT SMUD 27	2019		8,140.25	88.58	5,978.29	43.89	1,241.85	876.22	0.00
GenGT SMUD 27	2019	1	276.54	2.26	167.10	3.36	31.66	74.42	0.00
GenGT SMUD 27	2019	2	119.50	0.60	42.34	1.53	8.41	67.22	0.00
GenGT SMUD 27	2019	3	158.61	1.02	69.05	0.87	14.28	74.42	0.00
GenGT SMUD 27	2019	4	244.77	2.14	141.07	1.64	30.04	72.02	0.00
GenGT SMUD 27	2019	5	747.03	8.50	550.04	3.36	119.21	74.42	0.00
GenGT SMUD 27	2019	6	961.08	11.31	726.38	4.06	158.62	72.02	0.00
GenGT SMUD 27	2019	7	1,324.74	15.85	1,023.02	5.03	222.27	74.42	0.00
GenGT SMUD 27	2019	8	1,508.70	17.94	1,177.80	5.03	251.45	74.42	0.00
GenGT SMUD 27	2019	9	1,235.06	14.19	959.30	4.87	198.88	72.02	0.00
GenGT SMUD 27	2019	10	192.84	1.37	96.64	2.53	19.25	74.42	0.00
GenGT SMUD 27	2019	11	490.18	4.71	348.01	4.06	66.09	72.02	0.00
GenGT SMUD 27	2019	12	881.19	8.68	677.56	7.53	121.69	74.42	0.00
GenGT SMUD 28	2019		7,980.38	86.50	5,847.68	43.83	1,212.65	876.22	0.00
GenGT SMUD 28	2019	1	200.83	1.42	104.84	1.70	19.87	74.42	0.00
GenGT SMUD 28	2019	2	102.58	0.40	28.22	1.53	5.61	67.22	0.00
GenGT SMUD 28	2019	3	199.29	1.51	102.07	1.70	21.11	74.42	0.00
GenGT SMUD 28	2019	4	175.52	1.29	84.64	0.84	18.03	72.02	0.00
GenGT SMUD 28	2019	5	747.03	8.50	550.04	3.36	119.21	74.42	0.00
GenGT SMUD 28	2019	6	957.73	11.27	723.63	4.06	158.02	72.02	0.00
GenGT SMUD 28	2019	7	1,237.78	14.75	951.58	5.03	206.75	74.42	0.00
GenGT SMUD 28	2019	8	1,420.47	16.83	1,105.09	5.03	235.93	74.42	0.00
GenGT SMUD 28	2019	9	1,284.05	14.79	999.87	4.87	207.29	72.02	0.00
GenGT SMUD 28	2019	10	162.10	1.02	71.70	1.70	14.28	74.42	0.00
GenGT SMUD 28	2019	11	578.38	5.70	420.77	5.68	79.91	72.02	0.00
GenGT SMUD 28	2019	12	914.62	9.03	705.21	8.33	126.66	74.42	0.00
GenGT SMUD 3	2019		7,412.52	79.84	5,381.41	35.64	1,119.26	876.22	0.00
GenGT SMUD 3	2019	1	164.92	1.02	75.36	0.87	14.28	74.42	0.00
GenGT SMUD 3	2019	2	88.30	0.24	16.93	0.78	3.36	67.22	0.00
GenGT SMUD 3	2019	3	162.23	1.06	72.05	0.87	14.90	74.42	0.00
GenGT SMUD 3	2019	4	175.52	1.29	84.64	0.84	18.03	72.02	0.00
GenGT SMUD 3	2019	5	529.26	5.76	372.43	1.70	80.71	74.42	0.00
GenGT SMUD 3	2019	6	908.25	10.63	682.36	4.87	149.01	72.02	0.00
GenGT SMUD 3	2019	7	1,272.56	15.19	980.15	5.03	212.96	74.42	0.00
GenGT SMUD 3	2019	8	1,420.47	16.83	1,105.09	5.03	235.93	74.42	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 3	2019	9	1,284.05	14.79	999.87	4.87	207.29	72.02	0.00
GenGT SMUD 3	2019	10	130.53	0.66	46.76	0.03	9.31	74.42	0.00
GenGT SMUD 3	2019	11	493.95	4.76	351.17	4.06	66.69	72.02	0.00
GenGT SMUD 3	2019	12	782.49	7.62	594.59	6.70	106.79	74.42	0.00
GenGT SMUD 30	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2019		7,643.07	82.74	5,571.17	35.69	1,160.00	876.22	0.00
GenGT SMUD 34	2019	1	161.02	0.97	72.08	0.87	13.66	74.42	0.00
GenGT SMUD 34	2019	2	81.53	0.16	11.29	0.78	2.24	67.22	0.00
GenGT SMUD 34	2019	3	184.80	1.33	90.06	1.70	18.63	74.42	0.00
GenGT SMUD 34	2019	4	175.52	1.29	84.64	0.84	18.03	72.02	0.00
GenGT SMUD 34	2019	5	673.00	7.57	489.88	2.53	106.17	74.42	0.00
GenGT SMUD 34	2019	6	924.21	10.84	696.11	4.06	152.01	72.02	0.00
GenGT SMUD 34	2019	7	1,321.26	15.81	1,020.16	5.03	221.65	74.42	0.00
GenGT SMUD 34	2019	8	1,438.12	17.05	1,119.63	5.03	239.03	74.42	0.00
GenGT SMUD 34	2019	9	1,284.05	14.79	999.87	4.87	207.29	72.02	0.00
GenGT SMUD 34	2019	10	130.53	0.66	46.76	0.03	9.31	74.42	0.00
GenGT SMUD 34	2019	11	425.38	3.99	294.23	3.26	55.88	72.02	0.00
GenGT SMUD 34	2019	12	843.66	8.28	646.44	6.70	116.10	74.42	0.00
GenGT SMUD 35	2019		7,395.99	79.89	5,366.57	33.22	1,119.98	876.22	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 35	2019	1	161.02	0.97	72.08	0.87	13.66	74.42	0.00
GenGT SMUD 35	2019	2	81.53	0.16	11.29	0.78	2.24	67.22	0.00
GenGT SMUD 35	2019	3	173.10	1.20	81.05	0.87	16.76	74.42	0.00
GenGT SMUD 35	2019	4	209.74	1.71	112.85	0.84	24.03	72.02	0.00
GenGT SMUD 35	2019	5	673.00	7.57	489.88	2.53	106.17	74.42	0.00
GenGT SMUD 35	2019	6	947.20	11.14	714.99	4.06	156.13	72.02	0.00
GenGT SMUD 35	2019	7	1,222.44	14.55	938.98	5.03	204.01	74.42	0.00
GenGT SMUD 35	2019	8	1,402.83	16.61	1,090.55	5.03	232.82	74.42	0.00
GenGT SMUD 35	2019	9	1,284.05	14.79	999.87	4.87	207.29	72.02	0.00
GenGT SMUD 35	2019	10	130.53	0.66	46.76	0.03	9.31	74.42	0.00
GenGT SMUD 35	2019	11	349.28	3.13	230.95	2.45	43.86	72.02	0.00
GenGT SMUD 35	2019	12	761.27	7.40	577.31	5.86	103.68	74.42	0.00
GenGT SMUD 36	2019		7,656.70	82.77	5,584.48	35.67	1,160.33	876.22	0.00
GenGT SMUD 36	2019	1	161.02	0.97	72.08	0.87	13.66	74.42	0.00
GenGT SMUD 36	2019	2	78.15	0.12	8.47	0.78	1.68	67.22	0.00
GenGT SMUD 36	2019	3	173.10	1.20	81.05	0.87	16.76	74.42	0.00
GenGT SMUD 36	2019	4	209.74	1.71	112.85	0.84	24.03	72.02	0.00
GenGT SMUD 36	2019	5	578.89	6.38	412.53	2.53	89.40	74.42	0.00
GenGT SMUD 36	2019	6	900.74	10.54	676.85	4.06	147.81	72.02	0.00
GenGT SMUD 36	2019	7	1,266.26	15.11	974.98	5.03	211.83	74.42	0.00
GenGT SMUD 36	2019	8	1,508.70	17.94	1,177.80	5.03	251.45	74.42	0.00
GenGT SMUD 36	2019	9	1,284.05	14.79	999.87	4.87	207.29	72.02	0.00
GenGT SMUD 36	2019	10	130.53	0.66	46.76	0.03	9.31	74.42	0.00
GenGT SMUD 36	2019	11	501.48	4.84	357.50	4.06	67.89	72.02	0.00
GenGT SMUD 36	2019	12	864.05	8.50	663.73	6.70	119.21	74.42	0.00
GenGT SMUD 37	2019		7,066.68	75.61	5,096.40	34.03	1,060.03	876.22	0.00
GenGT SMUD 37	2019	1	117.32	0.49	36.04	0.03	6.83	74.42	0.00
GenGT SMUD 37	2019	2	78.15	0.12	8.47	0.78	1.68	67.22	0.00
GenGT SMUD 37	2019	3	158.61	1.02	69.05	0.87	14.28	74.42	0.00
GenGT SMUD 37	2019	4	140.49	0.86	56.43	0.03	12.02	72.02	0.00
GenGT SMUD 37	2019	5	552.45	6.04	390.81	2.53	84.70	74.42	0.00
GenGT SMUD 37	2019	6	867.22	10.11	649.34	4.06	141.80	72.02	0.00
GenGT SMUD 37	2019	7	1,159.61	13.74	886.68	5.86	192.65	74.42	0.00
GenGT SMUD 37	2019	8	1,420.47	16.83	1,105.09	5.03	235.93	74.42	0.00
GenGT SMUD 37	2019	9	1,179.08	13.50	912.93	4.87	189.26	72.02	0.00
GenGT SMUD 37	2019	10	130.53	0.66	46.76	0.03	9.31	74.42	0.00
GenGT SMUD 37	2019	11	501.48	4.84	357.50	4.06	67.89	72.02	0.00
GenGT SMUD 37	2019	12	761.27	7.40	577.31	5.86	103.68	74.42	0.00
GenGT SMUD 38	2019		6,898.81	73.78	4,956.61	31.58	1,034.40	876.22	0.00
GenGT SMUD 38	2019	1	97.83	0.27	19.66	0.03	3.73	74.42	0.00
GenGT SMUD 38	2019	2	67.22	0.00	0.00	0.00	0.00	67.22	0.00
GenGT SMUD 38	2019	3	154.99	0.97	66.04	0.87	13.66	74.42	0.00
GenGT SMUD 38	2019	4	209.74	1.71	112.85	0.84	24.03	72.02	0.00
GenGT SMUD 38	2019	5	430.73	4.49	290.77	2.53	63.02	74.42	0.00
GenGT SMUD 38	2019	6	934.26	10.97	704.37	4.06	153.81	72.02	0.00
GenGT SMUD 38	2019	7	1,056.90	12.44	802.98	5.03	174.46	74.42	0.00
GenGT SMUD 38	2019	8	1,456.54	17.28	1,134.81	5.03	242.27	74.42	0.00
GenGT SMUD 38	2019	9	1,284.05	14.79	999.87	4.87	207.29	72.02	0.00
GenGT SMUD 38	2019	10	130.53	0.66	46.76	0.03	9.31	74.42	0.00
GenGT SMUD 38	2019	11	421.61	3.94	291.06	3.26	55.28	72.02	0.00
GenGT SMUD 38	2019	12	654.42	6.24	487.43	5.03	87.54	74.42	0.00
GenGT SMUD 39	2019		6,518.88	69.04	4,645.67	29.13	967.86	876.22	0.00
GenGT SMUD 39	2019	1	82.25	0.09	6.55	0.03	1.24	74.42	0.00
GenGT SMUD 39	2019	2	67.22	0.00	0.00	0.00	0.00	67.22	0.00
GenGT SMUD 39	2019	3	154.99	0.97	66.04	0.87	13.66	74.42	0.00
GenGT SMUD 39	2019	4	140.49	0.86	56.43	0.03	12.02	72.02	0.00
GenGT SMUD 39	2019	5	265.20	2.40	155.40	1.70	33.68	74.42	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 42	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 42	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2019		5,873.32	60.68	4,118.17	28.27	850.66	876.22	0.00
GenGT SMUD 45	2019	1	113.42	0.44	32.76	0.03	6.21	74.42	0.00
GenGT SMUD 45	2019	2	67.22	0.00	0.00	0.00	0.00	67.22	0.00
GenGT SMUD 45	2019	3	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 45	2019	4	140.49	0.86	56.43	0.03	12.02	72.02	0.00
GenGT SMUD 45	2019	5	155.45	1.02	65.89	0.87	14.28	74.42	0.00
GenGT SMUD 45	2019	6	643.59	7.27	466.46	3.26	101.86	72.02	0.00
GenGT SMUD 45	2019	7	1,004.72	11.78	760.12	5.03	165.15	74.42	0.00
GenGT SMUD 45	2019	8	1,247.09	14.65	962.22	5.03	205.43	74.42	0.00
GenGT SMUD 45	2019	9	1,084.15	12.34	834.30	4.87	172.96	72.02	0.00
GenGT SMUD 45	2019	10	115.57	0.49	34.29	0.03	6.83	74.42	0.00
GenGT SMUD 45	2019	11	451.73	4.29	316.37	3.26	60.08	72.02	0.00
GenGT SMUD 45	2019	12	775.46	7.55	589.34	5.86	105.84	74.42	0.00
GenGT SMUD 46	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2019		5,456.52	55.38	3,774.79	29.13	776.37	876.22	0.00
GenGT SMUD 5	2019	1	113.42	0.44	32.76	0.03	6.21	74.42	0.00
GenGT SMUD 5	2019	2	67.22	0.00	0.00	0.00	0.00	67.22	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 5	2019	3	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 5	2019	4	140.49	0.86	56.43	0.03	12.02	72.02	0.00
GenGT SMUD 5	2019	5	124.49	0.63	40.44	0.87	8.76	74.42	0.00
GenGT SMUD 5	2019	6	443.08	4.70	301.88	3.26	65.92	72.02	0.00
GenGT SMUD 5	2019	7	947.88	11.05	712.74	5.86	154.86	74.42	0.00
GenGT SMUD 5	2019	8	1,210.85	14.20	932.35	5.03	199.05	74.42	0.00
GenGT SMUD 5	2019	9	1,003.88	11.35	767.82	4.87	159.18	72.02	0.00
GenGT SMUD 5	2019	10	115.57	0.49	34.29	0.03	6.83	74.42	0.00
GenGT SMUD 5	2019	11	375.63	3.43	253.10	2.45	48.07	72.02	0.00
GenGT SMUD 5	2019	12	839.58	8.24	642.99	6.70	115.48	74.42	0.00
GenGT SMUD 6	2019		4,931.60	49.06	3,341.82	25.79	687.77	876.22	0.00
GenGT SMUD 6	2019	1	113.42	0.44	32.76	0.03	6.21	74.42	0.00
GenGT SMUD 6	2019	2	67.22	0.00	0.00	0.00	0.00	67.22	0.00
GenGT SMUD 6	2019	3	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 6	2019	4	72.02	0.00	0.00	0.00	0.00	72.02	0.00
GenGT SMUD 6	2019	5	81.42	0.09	5.73	0.03	1.24	74.42	0.00
GenGT SMUD 6	2019	6	371.87	3.80	244.10	2.45	53.30	72.02	0.00
GenGT SMUD 6	2019	7	968.58	11.32	730.43	5.03	158.70	74.42	0.00
GenGT SMUD 6	2019	8	1,183.57	13.86	909.87	5.03	194.25	74.42	0.00
GenGT SMUD 6	2019	9	760.03	8.38	566.51	4.06	117.45	72.02	0.00
GenGT SMUD 6	2019	10	100.62	0.31	21.82	0.03	4.35	74.42	0.00
GenGT SMUD 6	2019	11	432.91	4.07	300.55	3.26	57.08	72.02	0.00
GenGT SMUD 6	2019	12	705.52	6.79	530.04	5.86	95.20	74.42	0.00
GenGT SMUD 7	2019		4,197.50	40.45	2,733.41	20.84	567.03	876.22	0.00
GenGT SMUD 7	2019	1	113.42	0.44	32.76	0.03	6.21	74.42	0.00
GenGT SMUD 7	2019	2	67.22	0.00	0.00	0.00	0.00	67.22	0.00
GenGT SMUD 7	2019	3	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 7	2019	4	72.02	0.00	0.00	0.00	0.00	72.02	0.00
GenGT SMUD 7	2019	5	96.20	0.27	17.19	0.87	3.73	74.42	0.00
GenGT SMUD 7	2019	6	251.33	2.27	145.83	1.64	31.84	72.02	0.00
GenGT SMUD 7	2019	7	862.10	9.96	642.96	5.03	139.69	74.42	0.00
GenGT SMUD 7	2019	8	1,104.13	12.86	844.40	5.03	180.27	74.42	0.00
GenGT SMUD 7	2019	9	701.87	7.67	519.00	3.26	107.60	72.02	0.00
GenGT SMUD 7	2019	10	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 7	2019	11	336.43	2.98	220.15	2.45	41.81	72.02	0.00
GenGT SMUD 7	2019	12	443.95	3.99	311.12	2.53	55.88	74.42	0.00
GenGT SMUD 8	2019		4,070.15	38.98	2,628.23	19.20	546.49	876.22	0.00
GenGT SMUD 8	2019	1	113.42	0.44	32.76	0.03	6.21	74.42	0.00
GenGT SMUD 8	2019	2	67.22	0.00	0.00	0.00	0.00	67.22	0.00
GenGT SMUD 8	2019	3	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 8	2019	4	72.02	0.00	0.00	0.00	0.00	72.02	0.00
GenGT SMUD 8	2019	5	81.42	0.09	5.73	0.03	1.24	74.42	0.00
GenGT SMUD 8	2019	6	288.61	2.75	176.42	1.64	38.53	72.02	0.00
GenGT SMUD 8	2019	7	882.52	10.22	659.73	5.03	143.34	74.42	0.00
GenGT SMUD 8	2019	8	1,082.26	12.58	826.39	5.03	176.43	74.42	0.00
GenGT SMUD 8	2019	9	623.92	6.72	454.44	3.26	94.21	72.02	0.00
GenGT SMUD 8	2019	10	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 8	2019	11	261.89	2.14	158.19	1.64	30.04	72.02	0.00
GenGT SMUD 8	2019	12	448.03	4.03	314.58	2.53	56.50	74.42	0.00
GenGT SMUD 9	2019		3,299.98	29.57	1,992.47	16.66	414.62	876.22	0.00
GenGT SMUD 9	2019	1	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 9	2019	2	67.22	0.00	0.00	0.00	0.00	67.22	0.00
GenGT SMUD 9	2019	3	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 9	2019	4	72.02	0.00	0.00	0.00	0.00	72.02	0.00
GenGT SMUD 9	2019	5	74.42	0.00	0.00	0.00	0.00	74.42	0.00
GenGT SMUD 9	2019	6	215.83	1.82	116.69	1.64	25.48	72.02	0.00
GenGT SMUD 9	2019	7	738.30	8.40	541.94	4.20	117.75	74.42	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
MorganStanley1_O	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2019		19,584.87	133.17	8,820.99	134.67	1,867.01	8,762.20	0.00
Peaker SMUD 1	2019	1	744.19	0.00	0.00	0.00	0.00	744.19	0.00
Peaker SMUD 1	2019	2	672.17	0.00	0.00	0.00	0.00	672.17	0.00
Peaker SMUD 1	2019	3	744.19	0.00	0.00	0.00	0.00	744.19	0.00
Peaker SMUD 1	2019	4	720.18	0.00	0.00	0.00	0.00	720.18	0.00
Peaker SMUD 1	2019	5	744.19	0.00	0.00	0.00	0.00	744.19	0.00
Peaker SMUD 1	2019	6	1,415.83	8.66	556.23	17.96	121.47	720.18	0.00
Peaker SMUD 1	2019	7	4,189.51	43.30	2,793.83	44.48	607.01	744.19	0.00
Peaker SMUD 1	2019	8	5,610.63	60.52	3,974.31	43.65	848.48	744.19	0.00
Peaker SMUD 1	2019	9	1,562.54	10.08	681.43	19.66	141.27	720.18	0.00
Peaker SMUD 1	2019	10	744.19	0.00	0.00	0.00	0.00	744.19	0.00
Peaker SMUD 1	2019	11	993.66	3.11	229.60	0.28	43.60	720.18	0.00
Peaker SMUD 1	2019	12	1,443.61	7.50	585.60	8.65	105.17	744.19	0.00
Peaker SMUD 2	2019		8,707.55	9.72	632.53	52.77	136.27	7,885.98	0.00
Peaker SMUD 2	2019	1	669.77	0.00	0.00	0.00	0.00	669.77	0.00
Peaker SMUD 2	2019	2	604.95	0.00	0.00	0.00	0.00	604.95	0.00
Peaker SMUD 2	2019	3	669.77	0.00	0.00	0.00	0.00	669.77	0.00
Peaker SMUD 2	2019	4	648.16	0.00	0.00	0.00	0.00	648.16	0.00
Peaker SMUD 2	2019	5	669.77	0.00	0.00	0.00	0.00	669.77	0.00
Peaker SMUD 2	2019	6	706.79	0.69	44.02	4.99	9.61	648.16	0.00
Peaker SMUD 2	2019	7	1,007.86	4.16	268.61	11.12	58.36	669.77	0.00
Peaker SMUD 2	2019	8	1,094.62	4.87	319.90	36.66	68.30	669.77	0.00
Peaker SMUD 2	2019	9	648.16	0.00	0.00	0.00	0.00	648.16	0.00
Peaker SMUD 2	2019	10	669.77	0.00	0.00	0.00	0.00	669.77	0.00
Peaker SMUD 2	2019	11	648.16	0.00	0.00	0.00	0.00	648.16	0.00
Peaker SMUD 2	2019	12	669.77	0.00	0.00	0.00	0.00	669.77	0.00
Peaker SMUD 3	2019		4,494.97	1.28	83.27	12.59	18.01	4,381.10	0.00
Peaker SMUD 3	2019	1	372.09	0.00	0.00	0.00	0.00	372.09	0.00
Peaker SMUD 3	2019	2	336.08	0.00	0.00	0.00	0.00	336.08	0.00
Peaker SMUD 3	2019	3	372.09	0.00	0.00	0.00	0.00	372.09	0.00
Peaker SMUD 3	2019	4	360.09	0.00	0.00	0.00	0.00	360.09	0.00
Peaker SMUD 3	2019	5	372.09	0.00	0.00	0.00	0.00	372.09	0.00
Peaker SMUD 3	2019	6	360.09	0.00	0.00	0.00	0.00	360.09	0.00
Peaker SMUD 3	2019	7	453.47	0.93	60.01	8.33	13.04	372.09	0.00
Peaker SMUD 3	2019	8	404.59	0.35	23.27	4.26	4.97	372.09	0.00
Peaker SMUD 3	2019	9	360.09	0.00	0.00	0.00	0.00	360.09	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy3_SumPk	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2019		6,953.79	89.93	5,909.87	135.37	590.62	317.87	0.07
Procter & G GT 1	2019	1	27.00	0.00	0.00	0.00	0.00	27.00	0.00
Procter & G GT 1	2019	2	24.38	0.00	0.00	0.00	0.00	24.38	0.00
Procter & G GT 1	2019	3	27.00	0.00	0.00	0.00	0.00	27.00	0.00
Procter & G GT 1	2019	4	26.13	0.00	0.00	0.00	0.00	26.13	0.00
Procter & G GT 1	2019	5	898.83	12.28	773.47	17.73	80.62	27.00	0.01
Procter & G GT 1	2019	6	941.75	12.94	809.37	21.24	85.01	26.13	0.01
Procter & G GT 1	2019	7	1,189.65	16.37	1,028.70	26.44	107.50	27.00	0.01
Procter & G GT 1	2019	8	1,222.05	16.56	1,059.36	26.91	108.78	27.00	0.01
Procter & G GT 1	2019	9	1,045.60	13.77	906.69	22.38	90.41	26.13	0.01
Procter & G GT 1	2019	10	27.00	0.00	0.00	0.00	0.00	27.00	0.00
Procter & G GT 1	2019	11	746.26	9.05	650.80	9.88	59.45	26.13	0.01
Procter & G GT 1	2019	12	778.15	8.96	681.48	10.80	58.87	27.00	0.01
Robbs Peak	2019		392.80	49.10	392.80	0.00	0.00	0.00	0.00
Robbs Peak	2019	1	28.80	3.60	28.80	0.00	0.00	0.00	0.00
Robbs Peak	2019	2	43.20	5.40	43.20	0.00	0.00	0.00	0.00
Robbs Peak	2019	3	53.60	6.70	53.60	0.00	0.00	0.00	0.00
Robbs Peak	2019	4	57.60	7.20	57.60	0.00	0.00	0.00	0.00
Robbs Peak	2019	5	57.60	7.20	57.60	0.00	0.00	0.00	0.00
Robbs Peak	2019	6	44.80	5.60	44.80	0.00	0.00	0.00	0.00
Robbs Peak	2019	7	30.40	3.80	30.40	0.00	0.00	0.00	0.00
Robbs Peak	2019	8	25.60	3.20	25.60	0.00	0.00	0.00	0.00
Robbs Peak	2019	9	12.00	1.50	12.00	0.00	0.00	0.00	0.00
Robbs Peak	2019	10	10.40	1.30	10.40	0.00	0.00	0.00	0.00
Robbs Peak	2019	11	8.80	1.10	8.80	0.00	0.00	0.00	0.00
Robbs Peak	2019	12	20.00	2.50	20.00	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2019		47,101.39	709.56	42,970.84	7.20	-1,817.41	5,940.29	0.47
SCA P&G Cogen 1	2019	1	3,956.51	55.19	3,592.67	0.66	-141.37	504.52	0.04
SCA P&G Cogen 1	2019	2	3,110.80	44.60	2,768.74	0.57	-114.24	455.69	0.03
SCA P&G Cogen 1	2019	3	3,888.08	59.27	3,534.73	0.60	-151.80	504.52	0.04
SCA P&G Cogen 1	2019	4	3,291.12	50.62	2,931.94	0.57	-129.66	488.24	0.03
SCA P&G Cogen 1	2019	5	3,810.02	60.80	3,460.63	0.57	-155.74	504.52	0.04
SCA P&G Cogen 1	2019	6	3,824.46	61.86	3,494.07	0.55	-158.44	488.24	0.04

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Snohomish	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2019		66,918.37	1,117.82	63,198.51	5.85	-1,376.48	5,089.81	0.69
SPA Campbell C 1	2019	1	5,661.11	87.82	5,336.37	0.53	-108.14	432.28	0.05
SPA Campbell C 1	2019	2	4,609.49	74.37	4,310.11	0.46	-91.58	390.45	0.05
SPA Campbell C 1	2019	3	5,212.94	87.79	4,888.23	0.49	-108.11	432.28	0.05
SPA Campbell C 1	2019	4	4,788.67	82.70	4,471.65	0.46	-101.84	418.34	0.05
SPA Campbell C 1	2019	5	5,326.04	94.28	5,009.33	0.47	-116.09	432.28	0.06
SPA Campbell C 1	2019	6	5,399.21	96.71	5,099.45	0.45	-119.08	418.34	0.06
SPA Campbell C 1	2019	7	5,686.66	101.49	5,378.82	0.47	-124.97	432.28	0.06
SPA Campbell C 1	2019	8	6,069.36	106.94	5,768.23	0.47	-131.69	432.28	0.07
SPA Campbell C 1	2019	9	5,978.46	102.36	5,685.64	0.47	-126.05	418.34	0.06
SPA Campbell C 1	2019	10	5,912.34	96.83	5,598.72	0.51	-119.23	432.28	0.06
SPA Campbell C 1	2019	11	5,666.44	88.34	5,356.32	0.52	-108.78	418.34	0.05
SPA Campbell C 1	2019	12	6,607.65	98.19	6,295.65	0.56	-120.91	432.28	0.06
Union Valley	2019		946.40	118.30	946.40	0.00	0.00	0.00	0.00
Union Valley	2019	1	49.60	6.20	49.60	0.00	0.00	0.00	0.00
Union Valley	2019	2	60.00	7.50	60.00	0.00	0.00	0.00	0.00
Union Valley	2019	3	83.20	10.40	83.20	0.00	0.00	0.00	0.00
Union Valley	2019	4	78.40	9.80	78.40	0.00	0.00	0.00	0.00
Union Valley	2019	5	100.80	12.60	100.80	0.00	0.00	0.00	0.00
Union Valley	2019	6	104.00	13.00	104.00	0.00	0.00	0.00	0.00
Union Valley	2019	7	104.00	13.00	104.00	0.00	0.00	0.00	0.00
Union Valley	2019	8	120.00	15.00	120.00	0.00	0.00	0.00	0.00
Union Valley	2019	9	102.40	12.80	102.40	0.00	0.00	0.00	0.00
Union Valley	2019	10	39.20	4.90	39.20	0.00	0.00	0.00	0.00
Union Valley	2019	11	44.00	5.50	44.00	0.00	0.00	0.00	0.00
Union Valley	2019	12	60.80	7.60	60.80	0.00	0.00	0.00	0.00
WAPA 1	2019		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2019	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2019		7,231.56	903.95	7,231.56	0.00	0.00	0.00	0.00
WAPA 2	2019	1	451.76	56.47	451.76	0.00	0.00	0.00	0.00
WAPA 2	2019	2	473.63	59.20	473.63	0.00	0.00	0.00	0.00
WAPA 2	2019	3	485.09	60.64	485.09	0.00	0.00	0.00	0.00
WAPA 2	2019	4	532.80	66.60	532.80	0.00	0.00	0.00	0.00
WAPA 2	2019	5	724.95	90.62	724.95	0.00	0.00	0.00	0.00
WAPA 2	2019	6	803.52	100.44	803.52	0.00	0.00	0.00	0.00
WAPA 2	2019	7	1,040.41	130.05	1,040.41	0.00	0.00	0.00	0.00
WAPA 2	2019	8	835.66	104.46	835.66	0.00	0.00	0.00	0.00
WAPA 2	2019	9	664.70	83.09	664.70	0.00	0.00	0.00	0.00
WAPA 2	2019	10	463.07	57.88	463.07	0.00	0.00	0.00	0.00
WAPA 2	2019	11	336.96	42.12	336.96	0.00	0.00	0.00	0.00
WAPA 2	2019	12	419.02	52.38	419.02	0.00	0.00	0.00	0.00
White Rock	2019		4,363.20	545.40	4,363.20	0.00	0.00	0.00	0.00
White Rock	2019	1	343.20	42.90	343.20	0.00	0.00	0.00	0.00
White Rock	2019	2	375.20	46.90	375.20	0.00	0.00	0.00	0.00
White Rock	2019	3	551.20	68.90	551.20	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
White Rock	2019	4	573.60	71.70	573.60	0.00	0.00	0.00	0.00
White Rock	2019	5	661.60	82.70	661.60	0.00	0.00	0.00	0.00
White Rock	2019	6	499.20	62.40	499.20	0.00	0.00	0.00	0.00
White Rock	2019	7	328.00	41.00	328.00	0.00	0.00	0.00	0.00
White Rock	2019	8	277.60	34.70	277.60	0.00	0.00	0.00	0.00
White Rock	2019	9	243.20	30.40	243.20	0.00	0.00	0.00	0.00
White Rock	2019	10	136.80	17.10	136.80	0.00	0.00	0.00	0.00
White Rock	2019	11	138.40	17.30	138.40	0.00	0.00	0.00	0.00
White Rock	2019	12	235.20	29.40	235.20	0.00	0.00	0.00	0.00
Camino	2020		2,974.96	362.80	2,974.96	0.00	0.00	0.00	0.00
Camino	2020	1	197.62	24.10	197.62	0.00	0.00	0.00	0.00
Camino	2020	2	243.54	29.70	243.54	0.00	0.00	0.00	0.00
Camino	2020	3	327.18	39.90	327.18	0.00	0.00	0.00	0.00
Camino	2020	4	275.52	33.60	275.52	0.00	0.00	0.00	0.00
Camino	2020	5	278.80	34.00	278.80	0.00	0.00	0.00	0.00
Camino	2020	6	271.42	33.10	271.42	0.00	0.00	0.00	0.00
Camino	2020	7	272.24	33.20	272.24	0.00	0.00	0.00	0.00
Camino	2020	8	318.98	38.90	318.98	0.00	0.00	0.00	0.00
Camino	2020	9	284.54	34.70	284.54	0.00	0.00	0.00	0.00
Camino	2020	10	146.78	17.90	146.78	0.00	0.00	0.00	0.00
Camino	2020	11	148.42	18.10	148.42	0.00	0.00	0.00	0.00
Camino	2020	12	209.92	25.60	209.92	0.00	0.00	0.00	0.00
Camp Far West	2020		172.59	21.05	172.59	0.00	0.00	0.00	0.00
Camp Far West	2020	1	14.03	1.71	14.03	0.00	0.00	0.00	0.00
Camp Far West	2020	2	22.26	2.71	22.26	0.00	0.00	0.00	0.00
Camp Far West	2020	3	24.40	2.98	24.40	0.00	0.00	0.00	0.00
Camp Far West	2020	4	20.07	2.45	20.07	0.00	0.00	0.00	0.00
Camp Far West	2020	5	23.18	2.83	23.18	0.00	0.00	0.00	0.00
Camp Far West	2020	6	22.44	2.74	22.44	0.00	0.00	0.00	0.00
Camp Far West	2020	7	18.30	2.23	18.30	0.00	0.00	0.00	0.00
Camp Far West	2020	8	15.86	1.93	15.86	0.00	0.00	0.00	0.00
Camp Far West	2020	9	2.36	0.29	2.36	0.00	0.00	0.00	0.00
Camp Far West	2020	10	1.22	0.15	1.22	0.00	0.00	0.00	0.00
Camp Far West	2020	11	2.36	0.29	2.36	0.00	0.00	0.00	0.00
Camp Far West	2020	12	6.10	0.74	6.10	0.00	0.00	0.00	0.00
Carson Ice CGCC	2020		27,071.31	390.89	24,175.71	1.79	737.32	2,156.24	0.25
Carson Ice CGCC	2020	1	2,354.01	31.73	2,111.34	0.16	59.85	182.63	0.02
Carson Ice CGCC	2020	2	2,018.22	28.14	1,794.14	0.15	53.08	170.85	0.02
Carson Ice CGCC	2020	3	2,178.58	31.76	1,935.86	0.15	59.91	182.63	0.02
Carson Ice CGCC	2020	4	2,035.45	30.39	1,801.22	0.14	57.33	176.74	0.02
Carson Ice CGCC	2020	5	2,156.76	32.98	1,911.76	0.14	62.21	182.63	0.02
Carson Ice CGCC	2020	6	2,132.08	32.82	1,893.28	0.14	61.90	176.74	0.02
Carson Ice CGCC	2020	7	2,237.16	34.35	1,989.57	0.14	64.80	182.63	0.02
Carson Ice CGCC	2020	8	2,321.25	35.24	2,071.98	0.14	66.47	182.63	0.02
Carson Ice CGCC	2020	9	2,320.47	34.36	2,078.75	0.14	64.81	176.74	0.02
Carson Ice CGCC	2020	10	2,354.23	33.29	2,108.63	0.15	62.79	182.63	0.02
Carson Ice CGCC	2020	11	2,343.31	31.85	2,106.31	0.16	60.08	176.74	0.02
Carson Ice CGCC	2020	12	2,619.79	33.98	2,372.86	0.17	64.10	182.63	0.02
Carson Ice CGGT	2020		6,669.13	66.13	4,763.37	82.56	272.16	1,550.98	0.05
Carson Ice CGGT	2020	1	131.37	0.00	0.00	0.00	0.00	131.37	0.00
Carson Ice CGGT	2020	2	122.89	0.00	0.00	0.00	0.00	122.89	0.00
Carson Ice CGGT	2020	3	131.37	0.00	0.00	0.00	0.00	131.37	0.00
Carson Ice CGGT	2020	4	127.13	0.00	0.00	0.00	0.00	127.13	0.00
Carson Ice CGGT	2020	5	924.60	10.45	737.05	13.16	43.01	131.37	0.01
Carson Ice CGGT	2020	6	840.18	9.43	661.57	12.67	38.80	127.13	0.01
Carson Ice CGGT	2020	7	1,205.49	14.17	999.39	16.40	58.32	131.37	0.01
Carson Ice CGGT	2020	8	1,347.63	15.77	1,131.38	19.99	64.88	131.37	0.01

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Carson Ice CGGT	2020	9	1,136.60	12.69	937.34	19.92	52.21	127.13	0.01
Carson Ice CGGT	2020	10	131.37	0.00	0.00	0.00	0.00	131.37	0.00
Carson Ice CGGT	2020	11	359.77	2.74	221.14	0.21	11.29	127.13	0.00
Carson Ice CGGT	2020	12	210.73	0.89	75.49	0.23	3.65	131.37	0.00
CDWR_Ex_6x16OnPl	2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2020		126,862.97	1,822.66	126,862.97	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	1	21,223.54	298.17	21,223.54	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	2	16,133.19	239.69	16,133.19	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	3	10,591.77	160.25	10,591.77	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	4	6,903.21	125.58	6,903.21	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	5	5,515.78	91.91	5,515.78	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	6	4,069.57	66.11	4,069.57	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	7	4,528.45	65.88	4,528.45	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	8	3,988.16	57.54	3,988.16	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	9	4,840.39	69.47	4,840.39	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	10	15,866.35	214.62	15,866.35	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	11	16,016.68	213.85	16,016.68	0.00	0.00	0.00	0.00
CNP15_Markets p	2020	12	17,185.87	219.58	17,185.87	0.00	0.00	0.00	0.00
CNP15_Markets s	2020		-155,843.42	-1,663.89	-155,843.42	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	1	-1,539.46	-16.00	-1,539.46	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	2	-10.11	-0.20	-10.11	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	3	-1,913.95	-23.02	-1,913.95	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	4	-3,242.29	-37.14	-3,242.29	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	5	-13,665.33	-156.20	-13,665.33	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	6	-20,035.55	-224.58	-20,035.55	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	7	-29,637.53	-312.17	-29,637.53	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	8	-34,521.81	-352.76	-34,521.81	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	9	-26,339.53	-290.59	-26,339.53	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	10	-1,563.72	-18.78	-1,563.72	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	11	-7,602.20	-77.72	-7,602.20	0.00	0.00	0.00	0.00
CNP15_Markets s	2020	12	-15,771.92	-154.73	-15,771.92	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2020		111,393.58	1,955.50	101,883.36	18.93	7,257.37	2,232.86	1.06
Cosumnes SMUD 1a	2020	1	9,758.73	160.41	8,972.49	1.72	595.31	189.12	0.09
Cosumnes SMUD 1a	2020	2	8,582.72	147.18	7,857.98	1.54	546.20	176.92	0.08
Cosumnes SMUD 1a	2020	3	8,868.20	157.77	8,091.91	1.58	585.51	189.12	0.09
Cosumnes SMUD 1a	2020	4	8,332.65	152.14	7,583.42	1.48	564.64	183.02	0.08
Cosumnes SMUD 1a	2020	5	8,675.77	160.61	7,888.99	1.50	596.07	189.12	0.09
Cosumnes SMUD 1a	2020	6	9,015.26	168.73	8,204.49	1.45	626.21	183.02	0.09
Cosumnes SMUD 1a	2020	7	9,253.49	172.38	8,423.02	1.50	639.75	189.12	0.09
Cosumnes SMUD 1a	2020	8	9,613.24	176.59	8,767.13	1.53	655.37	189.12	0.10
Cosumnes SMUD 1a	2020	9	9,533.93	170.46	8,716.69	1.52	632.61	183.02	0.09
Cosumnes SMUD 1a	2020	10	10,136.43	174.54	9,297.80	1.64	647.77	189.12	0.09
Cosumnes SMUD 1a	2020	11	9,140.63	150.54	8,397.19	1.66	558.68	183.02	0.08
Cosumnes SMUD 1a	2020	12	10,482.52	164.16	9,682.24	1.82	609.25	189.12	0.09
Cosumnes SMUD 1b	2020		111,239.70	1,952.03	101,743.91	17.40	7,244.47	2,232.86	1.06

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3b	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2020		8,013.36	83.43	5,875.74	38.21	1,198.83	900.59	0.00
G1nGT SMUD 33	2020	1	187.70	1.20	92.50	1.74	17.18	76.28	0.00
G1nGT SMUD 33	2020	2	113.96	0.46	33.63	2.43	6.55	71.36	0.00
G1nGT SMUD 33	2020	3	151.85	0.89	62.81	0.03	12.73	76.28	0.00
G1nGT SMUD 33	2020	4	253.89	2.14	147.59	1.68	30.79	73.82	0.00
G1nGT SMUD 33	2020	5	699.00	7.57	511.30	2.59	108.82	76.28	0.00
G1nGT SMUD 33	2020	6	993.66	11.23	754.32	4.16	161.35	73.82	0.00
G1nGT SMUD 33	2020	7	1,368.83	15.72	1,061.48	5.16	225.92	76.28	0.00
G1nGT SMUD 33	2020	8	1,483.17	16.87	1,159.27	5.16	242.46	76.28	0.00
G1nGT SMUD 33	2020	9	1,300.78	14.36	1,015.66	4.99	206.31	73.82	0.00
G1nGT SMUD 33	2020	10	162.90	0.97	71.73	0.89	14.00	76.28	0.00
G1nGT SMUD 33	2020	11	394.18	3.47	267.96	2.51	49.88	73.82	0.00
G1nGT SMUD 33	2020	12	903.44	8.55	697.48	6.86	122.82	76.28	0.00
GenGT SMUD 1	2020		12,114.55	129.90	9,283.19	64.16	1,866.62	900.59	0.00
GenGT SMUD 1	2020	1	877.66	8.68	671.49	5.16	124.73	76.28	0.00
GenGT SMUD 1	2020	2	456.86	4.31	317.96	5.62	61.91	71.36	0.00
GenGT SMUD 1	2020	3	554.39	5.54	392.55	6.01	79.55	76.28	0.00
GenGT SMUD 1	2020	4	575.54	5.96	410.30	5.82	85.60	73.82	0.00
GenGT SMUD 1	2020	5	947.31	10.58	714.63	4.30	152.10	76.28	0.00
GenGT SMUD 1	2020	6	1,263.59	14.53	976.01	4.99	208.78	73.82	0.00
GenGT SMUD 1	2020	7	1,470.37	16.96	1,145.20	5.16	243.74	76.28	0.00
GenGT SMUD 1	2020	8	1,653.26	18.91	1,299.23	6.01	271.74	76.28	0.00
GenGT SMUD 1	2020	9	1,501.40	16.71	1,182.41	4.99	240.18	73.82	0.00
GenGT SMUD 1	2020	10	596.70	5.85	430.40	6.01	84.00	76.28	0.00
GenGT SMUD 1	2020	11	946.82	9.47	731.11	5.79	136.10	73.82	0.00
GenGT SMUD 1	2020	12	1,270.66	12.40	1,011.89	4.30	178.19	76.28	0.00
GenGT SMUD 10	2020		11,521.45	123.07	8,785.55	66.78	1,768.54	900.59	0.00
GenGT SMUD 10	2020	1	813.52	7.97	616.68	6.01	114.55	76.28	0.00
GenGT SMUD 10	2020	2	388.25	3.52	259.87	6.42	50.60	71.36	0.00
GenGT SMUD 10	2020	3	550.61	5.49	389.41	6.01	78.91	76.28	0.00
GenGT SMUD 10	2020	4	352.69	3.30	227.29	4.16	47.42	73.82	0.00
GenGT SMUD 10	2020	5	1,031.57	11.60	783.40	5.16	166.73	76.28	0.00
GenGT SMUD 10	2020	6	1,246.12	14.31	961.61	4.99	205.70	73.82	0.00
GenGT SMUD 10	2020	7	1,463.97	16.87	1,139.22	6.01	242.46	76.28	0.00
GenGT SMUD 10	2020	8	1,590.71	18.16	1,247.50	6.01	260.92	76.28	0.00
GenGT SMUD 10	2020	9	1,439.39	15.99	1,130.87	4.99	229.71	73.82	0.00
GenGT SMUD 10	2020	10	566.38	5.49	404.32	6.86	78.91	76.28	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 10	2020	11	832.23	8.23	635.17	4.99	118.24	73.82	0.00
GenGT SMUD 10	2020	12	1,246.01	12.13	990.20	5.16	174.37	76.28	0.00
GenGT SMUD 11	2020		11,497.38	122.69	8,769.50	64.22	1,763.08	900.59	0.00
GenGT SMUD 11	2020	1	796.41	7.79	602.97	5.16	112.00	76.28	0.00
GenGT SMUD 11	2020	2	385.40	3.48	256.81	7.22	50.01	71.36	0.00
GenGT SMUD 11	2020	3	471.30	4.56	323.46	6.01	65.55	76.28	0.00
GenGT SMUD 11	2020	4	392.20	3.81	262.71	0.86	54.81	73.82	0.00
GenGT SMUD 11	2020	5	948.16	10.58	714.63	5.16	152.10	76.28	0.00
GenGT SMUD 11	2020	6	1,142.10	13.03	875.24	5.82	187.22	73.82	0.00
GenGT SMUD 11	2020	7	1,485.73	17.14	1,157.16	6.01	246.28	76.28	0.00
GenGT SMUD 11	2020	8	1,670.80	19.13	1,314.44	5.16	274.92	76.28	0.00
GenGT SMUD 11	2020	9	1,457.63	16.20	1,146.03	4.99	232.79	73.82	0.00
GenGT SMUD 11	2020	10	538.24	5.18	381.50	6.01	74.46	76.28	0.00
GenGT SMUD 11	2020	11	962.55	9.64	744.34	5.82	138.57	73.82	0.00
GenGT SMUD 11	2020	12	1,246.86	12.13	990.20	6.01	174.37	76.28	0.00
GenGT SMUD 12	2020		11,237.09	119.66	8,547.72	69.31	1,719.47	900.59	0.00
GenGT SMUD 12	2020	1	761.56	7.40	572.14	6.86	106.28	76.28	0.00
GenGT SMUD 12	2020	2	384.60	3.48	256.81	6.42	50.01	71.36	0.00
GenGT SMUD 12	2020	3	441.94	4.21	298.34	6.86	60.46	76.28	0.00
GenGT SMUD 12	2020	4	460.81	4.63	318.80	1.68	66.51	73.82	0.00
GenGT SMUD 12	2020	5	970.78	10.85	732.57	6.01	155.91	76.28	0.00
GenGT SMUD 12	2020	6	1,087.01	12.34	829.18	6.64	177.37	73.82	0.00
GenGT SMUD 12	2020	7	1,413.20	16.25	1,097.36	6.01	233.55	76.28	0.00
GenGT SMUD 12	2020	8	1,659.76	19.00	1,305.32	5.16	273.01	76.28	0.00
GenGT SMUD 12	2020	9	1,443.04	16.03	1,133.90	4.99	230.33	73.82	0.00
GenGT SMUD 12	2020	10	537.39	5.18	381.50	5.16	74.46	76.28	0.00
GenGT SMUD 12	2020	11	786.79	7.71	595.47	6.64	110.85	73.82	0.00
GenGT SMUD 12	2020	12	1,290.22	12.58	1,026.34	6.86	180.73	76.28	0.00
GenGT SMUD 13	2020		11,048.74	117.55	8,391.21	67.69	1,689.26	900.59	0.00
GenGT SMUD 13	2020	1	757.50	7.35	568.71	6.86	105.64	76.28	0.00
GenGT SMUD 13	2020	2	333.46	2.90	214.01	6.42	41.67	71.36	0.00
GenGT SMUD 13	2020	3	412.58	3.85	273.21	7.72	55.37	76.28	0.00
GenGT SMUD 13	2020	4	393.85	3.81	262.71	2.51	54.81	73.82	0.00
GenGT SMUD 13	2020	5	951.79	10.63	717.62	5.16	152.73	76.28	0.00
GenGT SMUD 13	2020	6	1,102.83	12.56	843.57	4.99	180.45	73.82	0.00
GenGT SMUD 13	2020	7	1,449.47	16.70	1,127.26	6.01	239.92	76.28	0.00
GenGT SMUD 13	2020	8	1,645.04	18.82	1,293.14	5.16	270.46	76.28	0.00
GenGT SMUD 13	2020	9	1,432.10	15.90	1,124.80	4.99	228.48	73.82	0.00
GenGT SMUD 13	2020	10	491.48	4.65	342.37	6.01	66.82	76.28	0.00
GenGT SMUD 13	2020	11	898.94	8.96	691.41	4.99	128.71	73.82	0.00
GenGT SMUD 13	2020	12	1,179.71	11.43	932.38	6.86	164.19	76.28	0.00
GenGT SMUD 14	2020		10,642.21	112.90	8,048.35	70.97	1,622.31	900.59	0.00
GenGT SMUD 14	2020	1	738.04	7.13	551.58	7.72	102.46	76.28	0.00
GenGT SMUD 14	2020	2	356.18	3.15	232.36	7.22	45.25	71.36	0.00
GenGT SMUD 14	2020	3	434.38	4.12	292.06	6.86	59.18	76.28	0.00
GenGT SMUD 14	2020	4	298.35	2.66	183.01	3.34	38.18	73.82	0.00
GenGT SMUD 14	2020	5	930.03	10.36	699.68	5.16	148.91	76.28	0.00
GenGT SMUD 14	2020	6	1,148.26	13.11	881.00	4.99	188.45	73.82	0.00
GenGT SMUD 14	2020	7	1,470.37	16.96	1,145.20	5.16	243.74	76.28	0.00
GenGT SMUD 14	2020	8	1,535.53	17.49	1,201.86	6.01	251.37	76.28	0.00
GenGT SMUD 14	2020	9	1,366.44	15.13	1,070.23	4.99	217.40	73.82	0.00
GenGT SMUD 14	2020	10	468.10	4.38	322.80	6.01	63.00	76.28	0.00
GenGT SMUD 14	2020	11	759.32	7.41	572.32	6.64	106.54	73.82	0.00
GenGT SMUD 14	2020	12	1,137.21	10.98	896.24	6.86	157.82	76.28	0.00
GenGT SMUD 15	2020		10,350.25	109.57	7,803.33	71.85	1,574.48	900.59	0.00
GenGT SMUD 15	2020	1	656.79	6.24	483.06	7.72	89.73	76.28	0.00
GenGT SMUD 15	2020	2	296.94	2.49	183.44	6.42	35.72	71.36	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 15	2020	3	415.50	3.90	276.35	6.86	56.00	76.28	0.00
GenGT SMUD 15	2020	4	328.55	3.00	206.63	4.99	43.11	73.82	0.00
GenGT SMUD 15	2020	5	900.16	10.01	675.76	4.30	143.82	76.28	0.00
GenGT SMUD 15	2020	6	1,137.78	12.99	872.36	4.99	186.60	73.82	0.00
GenGT SMUD 15	2020	7	1,413.20	16.25	1,097.36	6.01	233.55	76.28	0.00
GenGT SMUD 15	2020	8	1,524.49	17.36	1,192.74	6.01	249.46	76.28	0.00
GenGT SMUD 15	2020	9	1,395.62	15.47	1,094.49	4.99	222.32	73.82	0.00
GenGT SMUD 15	2020	10	429.13	3.94	290.20	6.01	56.64	76.28	0.00
GenGT SMUD 15	2020	11	731.03	7.11	549.16	5.82	102.23	73.82	0.00
GenGT SMUD 15	2020	12	1,121.06	10.81	881.79	7.72	155.28	76.28	0.00
GenGT SMUD 16	2020		9,850.74	103.69	7,395.79	64.27	1,490.09	900.59	0.00
GenGT SMUD 16	2020	1	660.00	6.29	486.49	6.86	90.37	76.28	0.00
GenGT SMUD 16	2020	2	253.11	1.99	146.75	6.42	28.58	71.36	0.00
GenGT SMUD 16	2020	3	337.04	2.97	210.41	7.72	42.64	76.28	0.00
GenGT SMUD 16	2020	4	261.02	2.23	153.49	1.68	32.02	73.82	0.00
GenGT SMUD 16	2020	5	696.23	7.53	508.31	3.45	108.19	76.28	0.00
GenGT SMUD 16	2020	6	1,058.22	12.00	806.14	5.82	172.44	73.82	0.00
GenGT SMUD 16	2020	7	1,452.24	16.74	1,130.25	5.16	240.55	76.28	0.00
GenGT SMUD 16	2020	8	1,534.67	17.49	1,201.86	5.16	251.37	76.28	0.00
GenGT SMUD 16	2020	9	1,377.38	15.26	1,079.33	4.99	219.25	73.82	0.00
GenGT SMUD 16	2020	10	377.61	3.37	247.81	5.16	48.37	76.28	0.00
GenGT SMUD 16	2020	11	714.51	6.94	535.93	4.99	99.77	73.82	0.00
GenGT SMUD 16	2020	12	1,128.71	10.89	889.01	6.86	156.55	76.28	0.00
GenGT SMUD 17	2020		9,947.68	104.92	7,473.50	65.92	1,507.66	900.59	0.00
GenGT SMUD 17	2020	1	672.19	6.42	496.77	6.86	92.28	76.28	0.00
GenGT SMUD 17	2020	2	297.74	2.49	183.44	7.22	35.72	71.36	0.00
GenGT SMUD 17	2020	3	351.30	3.14	222.97	6.86	45.18	76.28	0.00
GenGT SMUD 17	2020	4	271.73	2.36	162.35	1.68	33.87	73.82	0.00
GenGT SMUD 17	2020	5	726.09	7.88	532.24	4.30	113.28	76.28	0.00
GenGT SMUD 17	2020	6	1,061.71	12.04	809.02	5.82	173.06	73.82	0.00
GenGT SMUD 17	2020	7	1,448.62	16.70	1,127.26	5.16	239.92	76.28	0.00
GenGT SMUD 17	2020	8	1,604.58	18.33	1,259.68	5.16	263.46	76.28	0.00
GenGT SMUD 17	2020	9	1,366.44	15.13	1,070.23	4.99	217.40	73.82	0.00
GenGT SMUD 17	2020	10	400.14	3.63	267.37	4.30	52.18	76.28	0.00
GenGT SMUD 17	2020	11	663.49	6.39	492.92	4.99	91.76	73.82	0.00
GenGT SMUD 17	2020	12	1,083.66	10.41	849.26	8.57	149.55	76.28	0.00
GenGT SMUD 18	2020		9,760.34	103.07	7,316.05	62.65	1,481.05	900.59	0.00
GenGT SMUD 18	2020	1	611.25	5.76	445.38	6.86	82.73	76.28	0.00
GenGT SMUD 18	2020	2	282.33	2.32	171.21	6.42	33.34	71.36	0.00
GenGT SMUD 18	2020	3	339.97	3.01	213.55	6.86	43.27	76.28	0.00
GenGT SMUD 18	2020	4	297.53	2.66	183.01	2.51	38.18	73.82	0.00
GenGT SMUD 18	2020	5	866.67	9.61	648.85	3.45	138.10	76.28	0.00
GenGT SMUD 18	2020	6	1,109.82	12.64	849.33	4.99	181.68	73.82	0.00
GenGT SMUD 18	2020	7	1,448.62	16.70	1,127.26	5.16	239.92	76.28	0.00
GenGT SMUD 18	2020	8	1,539.21	17.54	1,204.91	6.01	252.01	76.28	0.00
GenGT SMUD 18	2020	9	1,326.31	14.66	1,036.88	4.99	210.62	73.82	0.00
GenGT SMUD 18	2020	10	377.61	3.37	247.81	5.16	48.37	76.28	0.00
GenGT SMUD 18	2020	11	507.98	4.71	363.90	2.51	67.74	73.82	0.00
GenGT SMUD 18	2020	12	1,053.06	10.10	823.96	7.72	145.10	76.28	0.00
GenGT SMUD 19	2020		9,434.04	99.17	7,049.97	58.43	1,425.05	900.59	0.00
GenGT SMUD 19	2020	1	590.09	5.54	428.25	6.01	79.55	76.28	0.00
GenGT SMUD 19	2020	2	236.10	1.82	134.52	4.03	26.19	71.36	0.00
GenGT SMUD 19	2020	3	311.82	2.70	191.56	5.16	38.82	76.28	0.00
GenGT SMUD 19	2020	4	290.39	2.57	177.11	2.51	36.95	73.82	0.00
GenGT SMUD 19	2020	5	633.72	6.78	457.48	2.59	97.37	76.28	0.00
GenGT SMUD 19	2020	6	1,085.35	12.34	829.18	4.99	177.37	73.82	0.00
GenGT SMUD 19	2020	7	1,444.99	16.65	1,124.27	5.16	239.28	76.28	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 19	2020	8	1,589.86	18.16	1,247.50	5.16	260.92	76.28	0.00
GenGT SMUD 19	2020	9	1,287.02	14.19	1,003.53	5.82	203.85	73.82	0.00
GenGT SMUD 19	2020	10	341.68	2.97	218.46	4.30	42.64	76.28	0.00
GenGT SMUD 19	2020	11	561.47	5.27	406.91	4.99	75.75	73.82	0.00
GenGT SMUD 19	2020	12	1,061.56	10.19	831.19	7.72	146.37	76.28	0.00
GenGT SMUD 2	2020		9,068.50	95.05	6,745.24	56.78	1,365.89	900.59	0.00
GenGT SMUD 2	2020	1	544.55	5.05	390.56	5.16	72.55	76.28	0.00
GenGT SMUD 2	2020	2	210.53	1.53	113.12	4.03	22.03	71.36	0.00
GenGT SMUD 2	2020	3	262.72	2.13	150.74	5.16	30.55	76.28	0.00
GenGT SMUD 2	2020	4	261.02	2.23	153.49	1.68	32.02	73.82	0.00
GenGT SMUD 2	2020	5	709.88	7.71	520.27	2.59	110.73	76.28	0.00
GenGT SMUD 2	2020	6	1,011.96	11.44	768.72	4.99	164.43	73.82	0.00
GenGT SMUD 2	2020	7	1,444.99	16.65	1,124.27	5.16	239.28	76.28	0.00
GenGT SMUD 2	2020	8	1,535.53	17.49	1,201.86	6.01	251.37	76.28	0.00
GenGT SMUD 2	2020	9	1,282.54	14.14	1,000.50	4.99	203.23	73.82	0.00
GenGT SMUD 2	2020	10	299.67	2.48	182.60	5.16	35.64	76.28	0.00
GenGT SMUD 2	2020	11	486.91	4.46	344.05	4.99	64.05	73.82	0.00
GenGT SMUD 2	2020	12	1,018.20	9.74	795.05	6.86	140.00	76.28	0.00
GenGT SMUD 20	2020		8,969.71	93.93	6,660.85	58.49	1,349.79	900.59	0.00
GenGT SMUD 20	2020	1	625.15	5.89	455.66	8.57	84.64	76.28	0.00
GenGT SMUD 20	2020	2	155.74	0.91	67.26	4.03	13.10	71.36	0.00
GenGT SMUD 20	2020	3	258.94	2.08	147.60	5.16	29.91	76.28	0.00
GenGT SMUD 20	2020	4	261.85	2.23	153.49	2.51	32.02	73.82	0.00
GenGT SMUD 20	2020	5	706.25	7.66	517.28	2.59	110.09	76.28	0.00
GenGT SMUD 20	2020	6	938.56	10.54	708.25	4.99	151.50	73.82	0.00
GenGT SMUD 20	2020	7	1,419.60	16.34	1,103.34	5.16	234.83	76.28	0.00
GenGT SMUD 20	2020	8	1,586.18	18.11	1,244.46	5.16	260.28	76.28	0.00
GenGT SMUD 20	2020	9	1,351.85	14.96	1,058.10	4.99	214.93	73.82	0.00
GenGT SMUD 20	2020	10	231.71	1.73	127.17	3.45	24.82	76.28	0.00
GenGT SMUD 20	2020	11	525.32	4.89	377.13	4.16	70.21	73.82	0.00
GenGT SMUD 20	2020	12	908.55	8.59	701.09	7.72	123.46	76.28	0.00
GenGT SMUD 21	2020		8,556.49	89.15	6,322.15	52.67	1,281.09	900.59	0.00
GenGT SMUD 21	2020	1	499.21	4.52	349.45	8.57	64.91	76.28	0.00
GenGT SMUD 21	2020	2	197.98	1.41	103.95	2.43	20.24	71.36	0.00
GenGT SMUD 21	2020	3	242.13	1.90	135.04	3.45	27.36	76.28	0.00
GenGT SMUD 21	2020	4	265.42	2.27	156.45	2.51	32.64	73.82	0.00
GenGT SMUD 21	2020	5	553.09	5.80	391.70	1.74	83.37	76.28	0.00
GenGT SMUD 21	2020	6	990.16	11.19	751.44	4.16	160.74	73.82	0.00
GenGT SMUD 21	2020	7	1,380.57	15.85	1,070.45	6.01	227.83	76.28	0.00
GenGT SMUD 21	2020	8	1,527.31	17.40	1,195.78	5.16	250.10	76.28	0.00
GenGT SMUD 21	2020	9	1,238.77	13.63	964.12	4.99	195.84	73.82	0.00
GenGT SMUD 21	2020	10	243.40	1.86	136.95	3.45	26.73	76.28	0.00
GenGT SMUD 21	2020	11	485.26	4.46	344.05	3.34	64.05	73.82	0.00
GenGT SMUD 21	2020	12	933.20	8.86	722.77	6.86	127.28	76.28	0.00
GenGT SMUD 25	2020		8,694.24	90.95	6,434.93	51.79	1,306.93	900.59	0.00
GenGT SMUD 25	2020	1	510.55	4.65	359.73	7.72	66.82	76.28	0.00
GenGT SMUD 25	2020	2	133.03	0.66	48.92	3.23	9.53	71.36	0.00
GenGT SMUD 25	2020	3	208.14	1.51	106.77	3.45	21.64	76.28	0.00
GenGT SMUD 25	2020	4	253.89	2.14	147.59	1.68	30.79	73.82	0.00
GenGT SMUD 25	2020	5	702.63	7.62	514.29	2.59	109.46	76.28	0.00
GenGT SMUD 25	2020	6	969.19	10.93	734.17	4.16	157.04	73.82	0.00
GenGT SMUD 25	2020	7	1,419.60	16.34	1,103.34	5.16	234.83	76.28	0.00
GenGT SMUD 25	2020	8	1,578.82	18.02	1,238.38	5.16	259.01	76.28	0.00
GenGT SMUD 25	2020	9	1,340.90	14.83	1,049.01	4.99	213.09	73.82	0.00
GenGT SMUD 25	2020	10	196.64	1.33	97.82	3.45	19.09	76.28	0.00
GenGT SMUD 25	2020	11	477.41	4.37	337.44	3.34	62.82	73.82	0.00
GenGT SMUD 25	2020	12	903.44	8.55	697.48	6.86	122.82	76.28	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 30	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2020		7,954.21	82.88	5,827.67	34.90	1,191.05	900.59	0.00
GenGT SMUD 34	2020	1	167.39	0.97	75.37	1.74	14.00	76.28	0.00
GenGT SMUD 34	2020	2	71.36	0.00	0.00	0.00	0.00	71.36	0.00
GenGT SMUD 34	2020	3	151.85	0.89	62.81	0.03	12.73	76.28	0.00
GenGT SMUD 34	2020	4	253.89	2.14	147.59	1.68	30.79	73.82	0.00
GenGT SMUD 34	2020	5	626.47	6.69	451.50	2.59	96.09	76.28	0.00
GenGT SMUD 34	2020	6	993.66	11.23	754.32	4.16	161.35	73.82	0.00
GenGT SMUD 34	2020	7	1,403.94	16.15	1,090.42	5.16	232.08	76.28	0.00
GenGT SMUD 34	2020	8	1,571.46	17.94	1,232.29	5.16	257.74	76.28	0.00
GenGT SMUD 34	2020	9	1,300.78	14.36	1,015.66	4.99	206.31	73.82	0.00
GenGT SMUD 34	2020	10	134.77	0.66	48.91	0.03	9.55	76.28	0.00
GenGT SMUD 34	2020	11	469.56	4.29	330.82	3.34	61.59	73.82	0.00
GenGT SMUD 34	2020	12	809.08	7.57	617.97	6.01	108.82	76.28	0.00
GenGT SMUD 35	2020		7,988.46	83.27	5,855.64	35.69	1,196.53	900.59	0.00
GenGT SMUD 35	2020	1	167.39	0.97	75.37	1.74	14.00	76.28	0.00
GenGT SMUD 35	2020	2	105.06	0.37	27.52	0.83	5.36	71.36	0.00
GenGT SMUD 35	2020	3	152.67	0.89	62.81	0.85	12.73	76.28	0.00
GenGT SMUD 35	2020	4	217.38	1.71	118.07	0.86	24.63	73.82	0.00
GenGT SMUD 35	2020	5	699.00	7.57	511.30	2.59	108.82	76.28	0.00
GenGT SMUD 35	2020	6	993.66	11.23	754.32	4.16	161.35	73.82	0.00
GenGT SMUD 35	2020	7	1,368.40	15.72	1,061.12	5.16	225.84	76.28	0.00
GenGT SMUD 35	2020	8	1,571.46	17.94	1,232.29	5.16	257.74	76.28	0.00
GenGT SMUD 35	2020	9	1,337.26	14.79	1,045.98	4.99	212.47	73.82	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 35	2020	10	76.28	0.00	0.00	0.00	0.00	76.28	0.00
GenGT SMUD 35	2020	11	469.56	4.29	330.82	3.34	61.59	73.82	0.00
GenGT SMUD 35	2020	12	830.34	7.79	636.04	6.01	112.00	76.28	0.00
GenGT SMUD 36	2020		7,678.32	79.71	5,599.99	32.34	1,145.41	900.59	0.00
GenGT SMUD 36	2020	1	116.94	0.44	34.26	0.03	6.36	76.28	0.00
GenGT SMUD 36	2020	2	105.06	0.37	27.52	0.83	5.36	71.36	0.00
GenGT SMUD 36	2020	3	76.28	0.00	0.00	0.00	0.00	76.28	0.00
GenGT SMUD 36	2020	4	145.20	0.86	59.04	0.03	12.32	73.82	0.00
GenGT SMUD 36	2020	5	659.11	7.09	478.41	2.59	101.82	76.28	0.00
GenGT SMUD 36	2020	6	993.66	11.23	754.32	4.16	161.35	73.82	0.00
GenGT SMUD 36	2020	7	1,334.67	15.30	1,033.31	5.16	219.92	76.28	0.00
GenGT SMUD 36	2020	8	1,571.46	17.94	1,232.29	5.16	257.74	76.28	0.00
GenGT SMUD 36	2020	9	1,300.78	14.36	1,015.66	4.99	206.31	73.82	0.00
GenGT SMUD 36	2020	10	134.77	0.66	48.91	0.03	9.55	76.28	0.00
GenGT SMUD 36	2020	11	469.56	4.29	330.82	3.34	61.59	73.82	0.00
GenGT SMUD 36	2020	12	770.83	7.17	585.45	6.01	103.09	76.28	0.00
GenGT SMUD 37	2020		7,451.93	76.71	5,416.61	32.34	1,102.39	900.59	0.00
GenGT SMUD 37	2020	1	116.94	0.44	34.26	0.03	6.36	76.28	0.00
GenGT SMUD 37	2020	2	97.76	0.29	21.40	0.83	4.17	71.36	0.00
GenGT SMUD 37	2020	3	151.85	0.89	62.81	0.03	12.73	76.28	0.00
GenGT SMUD 37	2020	4	73.82	0.00	0.00	0.00	0.00	73.82	0.00
GenGT SMUD 37	2020	5	453.54	4.59	309.62	1.74	65.90	76.28	0.00
GenGT SMUD 37	2020	6	969.40	10.93	734.34	4.16	157.08	73.82	0.00
GenGT SMUD 37	2020	7	1,249.34	14.26	962.96	5.16	204.95	76.28	0.00
GenGT SMUD 37	2020	8	1,571.46	17.94	1,232.29	5.16	257.74	76.28	0.00
GenGT SMUD 37	2020	9	1,264.30	13.93	985.34	4.99	200.15	73.82	0.00
GenGT SMUD 37	2020	10	134.77	0.66	48.91	0.03	9.55	76.28	0.00
GenGT SMUD 37	2020	11	469.56	4.29	330.82	3.34	61.59	73.82	0.00
GenGT SMUD 37	2020	12	899.19	8.50	693.86	6.86	122.19	76.28	0.00
GenGT SMUD 38	2020		7,220.53	73.97	5,223.82	33.23	1,062.90	900.59	0.00
GenGT SMUD 38	2020	1	116.94	0.44	34.26	0.03	6.36	76.28	0.00
GenGT SMUD 38	2020	2	97.76	0.29	21.40	0.83	4.17	71.36	0.00
GenGT SMUD 38	2020	3	151.85	0.89	62.81	0.03	12.73	76.28	0.00
GenGT SMUD 38	2020	4	145.20	0.86	59.04	0.03	12.32	73.82	0.00
GenGT SMUD 38	2020	5	471.89	4.80	324.05	2.59	68.97	76.28	0.00
GenGT SMUD 38	2020	6	902.79	10.11	679.46	4.16	145.34	73.82	0.00
GenGT SMUD 38	2020	7	1,063.30	11.99	809.57	5.16	172.30	76.28	0.00
GenGT SMUD 38	2020	8	1,517.13	17.27	1,186.65	6.01	248.19	76.28	0.00
GenGT SMUD 38	2020	9	1,319.02	14.57	1,030.82	4.99	209.39	73.82	0.00
GenGT SMUD 38	2020	10	134.77	0.66	48.91	0.03	9.55	76.28	0.00
GenGT SMUD 38	2020	11	469.56	4.29	330.82	3.34	61.59	73.82	0.00
GenGT SMUD 38	2020	12	830.34	7.79	636.04	6.01	112.00	76.28	0.00
GenGT SMUD 39	2020		6,753.76	68.35	4,839.52	31.52	982.14	900.59	0.00
GenGT SMUD 39	2020	1	116.94	0.44	34.26	0.03	6.36	76.28	0.00
GenGT SMUD 39	2020	2	90.45	0.21	15.29	0.83	2.98	71.36	0.00
GenGT SMUD 39	2020	3	151.85	0.89	62.81	0.03	12.73	76.28	0.00
GenGT SMUD 39	2020	4	145.20	0.86	59.04	0.03	12.32	73.82	0.00
GenGT SMUD 39	2020	5	208.92	1.60	107.93	1.74	22.97	76.28	0.00
GenGT SMUD 39	2020	6	878.29	9.81	659.28	4.16	141.03	73.82	0.00
GenGT SMUD 39	2020	7	999.84	11.22	757.24	5.16	161.16	76.28	0.00
GenGT SMUD 39	2020	8	1,432.61	16.26	1,117.46	5.16	233.72	76.28	0.00
GenGT SMUD 39	2020	9	1,316.25	14.54	1,028.51	4.99	208.92	73.82	0.00
GenGT SMUD 39	2020	10	134.77	0.66	48.91	0.03	9.55	76.28	0.00
GenGT SMUD 39	2020	11	469.56	4.29	330.82	3.34	61.59	73.82	0.00
GenGT SMUD 39	2020	12	809.08	7.57	617.97	6.01	108.82	76.28	0.00
GenGT SMUD 4	2020		6,721.74	67.99	4,813.49	30.71	976.95	900.59	0.00
GenGT SMUD 4	2020	1	116.94	0.44	34.26	0.03	6.36	76.28	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 43	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2020		5,650.72	55.09	3,930.39	28.15	791.60	900.59	0.00
GenGT SMUD 45	2020	1	116.94	0.44	34.26	0.03	6.36	76.28	0.00
GenGT SMUD 45	2020	2	71.36	0.00	0.00	0.00	0.00	71.36	0.00
GenGT SMUD 45	2020	3	83.87	0.09	6.28	0.03	1.27	76.28	0.00
GenGT SMUD 45	2020	4	73.82	0.00	0.00	0.00	0.00	73.82	0.00
GenGT SMUD 45	2020	5	119.83	0.53	35.88	0.03	7.64	76.28	0.00
GenGT SMUD 45	2020	6	513.14	5.35	359.16	3.34	76.83	73.82	0.00
GenGT SMUD 45	2020	7	963.94	10.78	727.64	5.16	154.86	76.28	0.00
GenGT SMUD 45	2020	8	1,301.12	14.68	1,008.71	5.16	210.97	76.28	0.00
GenGT SMUD 45	2020	9	986.75	10.67	754.65	4.99	153.29	73.82	0.00
GenGT SMUD 45	2020	10	134.77	0.66	48.91	0.03	9.55	76.28	0.00
GenGT SMUD 45	2020	11	390.25	3.43	264.66	2.51	49.27	73.82	0.00
GenGT SMUD 45	2020	12	894.94	8.46	690.25	6.86	121.55	76.28	0.00
GenGT SMUD 46	2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2020		5,398.79	52.20	3,719.97	28.12	750.12	900.59	0.00
GenGT SMUD 5	2020	1	116.94	0.44	34.26	0.03	6.36	76.28	0.00
GenGT SMUD 5	2020	2	71.36	0.00	0.00	0.00	0.00	71.36	0.00
GenGT SMUD 5	2020	3	76.28	0.00	0.00	0.00	0.00	76.28	0.00
GenGT SMUD 5	2020	4	73.82	0.00	0.00	0.00	0.00	73.82	0.00
GenGT SMUD 5	2020	5	116.20	0.49	32.89	0.03	7.00	76.28	0.00
GenGT SMUD 5	2020	6	428.73	4.31	289.62	3.34	61.95	73.82	0.00
GenGT SMUD 5	2020	7	950.77	10.62	716.78	5.16	152.55	76.28	0.00
GenGT SMUD 5	2020	8	1,243.85	13.98	960.64	6.01	200.92	76.28	0.00
GenGT SMUD 5	2020	9	1,008.00	10.92	772.31	4.99	156.88	73.82	0.00
GenGT SMUD 5	2020	10	134.77	0.66	48.91	0.03	9.55	76.28	0.00
GenGT SMUD 5	2020	11	390.25	3.43	264.66	2.51	49.27	73.82	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 5	2020	12	787.83	7.35	599.90	6.01	105.64	76.28	0.00
GenGT SMUD 6	2020		4,739.74	44.66	3,171.81	25.60	641.74	900.59	0.00
GenGT SMUD 6	2020	1	76.28	0.00	0.00	0.00	0.00	76.28	0.00
GenGT SMUD 6	2020	2	71.36	0.00	0.00	0.00	0.00	71.36	0.00
GenGT SMUD 6	2020	3	76.28	0.00	0.00	0.00	0.00	76.28	0.00
GenGT SMUD 6	2020	4	73.82	0.00	0.00	0.00	0.00	73.82	0.00
GenGT SMUD 6	2020	5	112.58	0.44	29.90	0.03	6.36	76.28	0.00
GenGT SMUD 6	2020	6	343.30	3.26	219.24	3.34	46.90	73.82	0.00
GenGT SMUD 6	2020	7	919.15	10.23	690.71	5.16	147.01	76.28	0.00
GenGT SMUD 6	2020	8	1,204.41	13.51	928.02	6.01	194.10	76.28	0.00
GenGT SMUD 6	2020	9	767.65	8.10	573.23	4.16	116.44	73.82	0.00
GenGT SMUD 6	2020	10	134.77	0.66	48.91	0.03	9.55	76.28	0.00
GenGT SMUD 6	2020	11	231.64	1.71	132.33	0.86	24.63	73.82	0.00
GenGT SMUD 6	2020	12	728.52	6.73	549.47	6.01	96.76	76.28	0.00
GenGT SMUD 7	2020		4,809.72	45.35	3,231.83	25.58	651.72	900.59	0.00
GenGT SMUD 7	2020	1	116.94	0.44	34.26	0.03	6.36	76.28	0.00
GenGT SMUD 7	2020	2	71.36	0.00	0.00	0.00	0.00	71.36	0.00
GenGT SMUD 7	2020	3	76.28	0.00	0.00	0.00	0.00	76.28	0.00
GenGT SMUD 7	2020	4	73.82	0.00	0.00	0.00	0.00	73.82	0.00
GenGT SMUD 7	2020	5	112.58	0.44	29.90	0.03	6.36	76.28	0.00
GenGT SMUD 7	2020	6	294.60	2.67	179.13	3.34	38.32	73.82	0.00
GenGT SMUD 7	2020	7	890.32	9.88	666.94	5.16	141.95	76.28	0.00
GenGT SMUD 7	2020	8	1,224.86	13.76	945.64	5.16	197.78	76.28	0.00
GenGT SMUD 7	2020	9	758.82	8.00	565.89	4.16	114.95	73.82	0.00
GenGT SMUD 7	2020	10	119.18	0.49	35.87	0.03	7.00	76.28	0.00
GenGT SMUD 7	2020	11	390.25	3.43	264.66	2.51	49.27	73.82	0.00
GenGT SMUD 7	2020	12	680.72	6.24	509.56	5.16	89.73	76.28	0.00
GenGT SMUD 8	2020		4,280.33	39.27	2,793.17	22.28	564.30	900.59	0.00
GenGT SMUD 8	2020	1	116.94	0.44	34.26	0.03	6.36	76.28	0.00
GenGT SMUD 8	2020	2	71.36	0.00	0.00	0.00	0.00	71.36	0.00
GenGT SMUD 8	2020	3	76.28	0.00	0.00	0.00	0.00	76.28	0.00
GenGT SMUD 8	2020	4	73.82	0.00	0.00	0.00	0.00	73.82	0.00
GenGT SMUD 8	2020	5	112.58	0.44	29.90	0.03	6.36	76.28	0.00
GenGT SMUD 8	2020	6	257.24	2.23	149.71	1.68	32.02	73.82	0.00
GenGT SMUD 8	2020	7	824.57	9.08	612.73	5.16	130.41	76.28	0.00
GenGT SMUD 8	2020	8	1,089.40	12.12	832.90	6.01	174.20	76.28	0.00
GenGT SMUD 8	2020	9	652.65	6.76	478.33	3.34	97.16	73.82	0.00
GenGT SMUD 8	2020	10	99.69	0.27	19.56	0.03	3.82	76.28	0.00
GenGT SMUD 8	2020	11	310.95	2.57	198.49	1.68	36.95	73.82	0.00
GenGT SMUD 8	2020	12	594.86	5.36	437.28	4.30	77.00	76.28	0.00
GenGT SMUD 9	2020		4,014.60	36.17	2,572.88	21.39	519.74	900.59	0.00
GenGT SMUD 9	2020	1	76.28	0.00	0.00	0.00	0.00	76.28	0.00
GenGT SMUD 9	2020	2	71.36	0.00	0.00	0.00	0.00	71.36	0.00
GenGT SMUD 9	2020	3	76.28	0.00	0.00	0.00	0.00	76.28	0.00
GenGT SMUD 9	2020	4	73.82	0.00	0.00	0.00	0.00	73.82	0.00
GenGT SMUD 9	2020	5	112.58	0.44	29.90	0.03	6.36	76.28	0.00
GenGT SMUD 9	2020	6	250.36	2.14	144.04	1.68	30.81	73.82	0.00
GenGT SMUD 9	2020	7	734.30	7.97	538.29	5.16	114.57	76.28	0.00
GenGT SMUD 9	2020	8	1,065.14	11.84	813.55	5.16	170.16	76.28	0.00
GenGT SMUD 9	2020	9	570.24	5.79	409.83	3.34	83.25	73.82	0.00
GenGT SMUD 9	2020	10	99.69	0.27	19.56	0.03	3.82	76.28	0.00
GenGT SMUD 9	2020	11	310.95	2.57	198.49	1.68	36.95	73.82	0.00
GenGT SMUD 9	2020	12	573.61	5.14	419.21	4.30	73.82	76.28	0.00
Jaybird	2020		4,363.22	532.10	4,363.22	0.00	0.00	0.00	0.00
Jaybird	2020	1	287.82	35.10	287.82	0.00	0.00	0.00	0.00
Jaybird	2020	2	322.26	39.30	322.26	0.00	0.00	0.00	0.00
Jaybird	2020	3	429.68	52.40	429.68	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy3_SumPk	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2020		7,450.32	92.72	6,353.64	145.75	624.15	326.71	0.07
Procter & G GT 1	2020	1	27.67	0.00	0.00	0.00	0.00	27.67	0.00
Procter & G GT 1	2020	2	25.89	0.00	0.00	0.00	0.00	25.89	0.00
Procter & G GT 1	2020	3	27.67	0.00	0.00	0.00	0.00	27.67	0.00
Procter & G GT 1	2020	4	26.78	0.00	0.00	0.00	0.00	26.78	0.00
Procter & G GT 1	2020	5	794.81	10.33	679.11	18.50	69.52	27.67	0.01
Procter & G GT 1	2020	6	1,028.79	13.58	888.37	22.23	91.40	26.78	0.01
Procter & G GT 1	2020	7	1,326.69	17.54	1,153.28	27.67	118.05	27.67	0.01
Procter & G GT 1	2020	8	1,404.87	18.32	1,225.73	28.15	123.30	27.67	0.01
Procter & G GT 1	2020	9	1,210.10	15.27	1,052.44	28.05	102.82	26.78	0.01
Procter & G GT 1	2020	10	27.67	0.00	0.00	0.00	0.00	27.67	0.00
Procter & G GT 1	2020	11	1,015.34	11.88	893.18	15.40	79.97	26.78	0.01
Procter & G GT 1	2020	12	534.04	5.81	461.53	5.75	39.09	27.67	0.00
Robbs Peak	2020		402.62	49.10	402.62	0.00	0.00	0.00	0.00
Robbs Peak	2020	1	29.52	3.60	29.52	0.00	0.00	0.00	0.00
Robbs Peak	2020	2	44.28	5.40	44.28	0.00	0.00	0.00	0.00
Robbs Peak	2020	3	54.94	6.70	54.94	0.00	0.00	0.00	0.00
Robbs Peak	2020	4	59.04	7.20	59.04	0.00	0.00	0.00	0.00
Robbs Peak	2020	5	59.04	7.20	59.04	0.00	0.00	0.00	0.00
Robbs Peak	2020	6	45.92	5.60	45.92	0.00	0.00	0.00	0.00
Robbs Peak	2020	7	31.16	3.80	31.16	0.00	0.00	0.00	0.00
Robbs Peak	2020	8	26.24	3.20	26.24	0.00	0.00	0.00	0.00
Robbs Peak	2020	9	12.30	1.50	12.30	0.00	0.00	0.00	0.00
Robbs Peak	2020	10	10.66	1.30	10.66	0.00	0.00	0.00	0.00
Robbs Peak	2020	11	9.02	1.10	9.02	0.00	0.00	0.00	0.00
Robbs Peak	2020	12	20.50	2.50	20.50	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2020		49,617.52	716.59	45,385.31	7.55	-1,881.30	6,105.48	0.47
SCA P&G Cogen 1	2020	1	4,287.20	57.60	3,920.57	0.69	-151.23	517.13	0.04
SCA P&G Cogen 1	2020	2	3,588.09	49.82	3,234.46	0.61	-130.79	483.77	0.03
SCA P&G Cogen 1	2020	3	3,906.65	56.70	3,537.73	0.63	-148.87	517.13	0.04
SCA P&G Cogen 1	2020	4	3,435.73	50.62	3,067.56	0.59	-132.90	500.45	0.03
SCA P&G Cogen 1	2020	5	3,875.24	59.13	3,512.72	0.60	-155.25	517.13	0.04
SCA P&G Cogen 1	2020	6	4,006.33	62.06	3,668.20	0.58	-162.94	500.45	0.04
SCA P&G Cogen 1	2020	7	4,283.79	66.33	3,940.16	0.60	-174.14	517.13	0.04
SCA P&G Cogen 1	2020	8	4,586.07	70.36	4,253.00	0.61	-184.72	517.13	0.05
SCA P&G Cogen 1	2020	9	4,400.11	65.40	4,070.72	0.61	-171.71	500.45	0.04
SCA P&G Cogen 1	2020	10	4,243.40	59.94	3,882.95	0.65	-157.37	517.13	0.04
SCA P&G Cogen 1	2020	11	4,176.40	56.29	3,823.04	0.66	-147.79	500.45	0.04
SCA P&G Cogen 1	2020	12	4,828.49	62.32	4,474.21	0.72	-163.61	517.13	0.04
Slab Creek	2020		10.80	1.32	10.80	0.00	0.00	0.00	0.00
Slab Creek	2020	1	0.61	0.07	0.61	0.00	0.00	0.00	0.00
Slab Creek	2020	2	0.57	0.07	0.57	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Slab Creek	2020	3	0.61	0.07	0.61	0.00	0.00	0.00	0.00
Slab Creek	2020	4	0.59	0.07	0.59	0.00	0.00	0.00	0.00
Slab Creek	2020	5	0.61	0.07	0.61	0.00	0.00	0.00	0.00
Slab Creek	2020	6	1.18	0.14	1.18	0.00	0.00	0.00	0.00
Slab Creek	2020	7	1.22	0.15	1.22	0.00	0.00	0.00	0.00
Slab Creek	2020	8	1.22	0.15	1.22	0.00	0.00	0.00	0.00
Slab Creek	2020	9	1.18	0.14	1.18	0.00	0.00	0.00	0.00
Slab Creek	2020	10	1.22	0.15	1.22	0.00	0.00	0.00	0.00
Slab Creek	2020	11	1.18	0.14	1.18	0.00	0.00	0.00	0.00
Slab Creek	2020	12	0.61	0.07	0.61	0.00	0.00	0.00	0.00
SMUD PV 1	2020		225.91	56.04	0.00	0.00	96.09	129.82	0.00
SMUD PV 1	2020	1	11.21	0.12	0.00	0.00	0.21	11.00	0.00
SMUD PV 1	2020	2	11.20	0.53	0.00	0.00	0.92	10.29	0.00
SMUD PV 1	2020	3	14.25	1.90	0.00	0.00	3.25	11.00	0.00
SMUD PV 1	2020	4	17.29	3.88	0.00	0.00	6.65	10.64	0.00
SMUD PV 1	2020	5	20.20	5.37	0.00	0.00	9.21	11.00	0.00
SMUD PV 1	2020	6	29.55	11.03	0.00	0.00	18.91	10.64	0.00
SMUD PV 1	2020	7	29.69	10.90	0.00	0.00	18.69	11.00	0.00
SMUD PV 1	2020	8	28.54	10.23	0.00	0.00	17.54	11.00	0.00
SMUD PV 1	2020	9	25.99	8.95	0.00	0.00	15.35	10.64	0.00
SMUD PV 1	2020	10	15.01	2.34	0.00	0.00	4.02	11.00	0.00
SMUD PV 1	2020	11	11.75	0.65	0.00	0.00	1.11	10.64	0.00
SMUD PV 1	2020	12	11.23	0.14	0.00	0.00	0.23	11.00	0.00
SMUD Solano Wi 2	2020		946.91	286.18	0.00	0.00	0.00	946.91	0.00
SMUD Solano Wi 2	2020	1	80.20	2.49	0.00	0.00	0.00	80.20	0.00
SMUD Solano Wi 2	2020	2	75.03	3.82	0.00	0.00	0.00	75.03	0.00
SMUD Solano Wi 2	2020	3	80.20	15.02	0.00	0.00	0.00	80.20	0.00
SMUD Solano Wi 2	2020	4	77.62	21.35	0.00	0.00	0.00	77.62	0.00
SMUD Solano Wi 2	2020	5	80.20	32.80	0.00	0.00	0.00	80.20	0.00
SMUD Solano Wi 2	2020	6	77.62	47.65	0.00	0.00	0.00	77.62	0.00
SMUD Solano Wi 2	2020	7	80.20	47.95	0.00	0.00	0.00	80.20	0.00
SMUD Solano Wi 2	2020	8	80.20	46.41	0.00	0.00	0.00	80.20	0.00
SMUD Solano Wi 2	2020	9	77.62	35.23	0.00	0.00	0.00	77.62	0.00
SMUD Solano Wi 2	2020	10	80.20	21.06	0.00	0.00	0.00	80.20	0.00
SMUD Solano Wi 2	2020	11	77.62	6.39	0.00	0.00	0.00	77.62	0.00
SMUD Solano Wi 2	2020	12	80.20	6.00	0.00	0.00	0.00	80.20	0.00
Snohomish	2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2020		70,126.53	1,121.89	66,304.40	6.14	-1,416.04	5,231.34	0.69
SPA Campbell C 1	2020	1	5,767.25	85.48	5,431.43	0.56	-107.89	443.09	0.05
SPA Campbell C 1	2020	2	4,900.17	75.57	4,580.50	0.50	-95.38	414.51	0.05
SPA Campbell C 1	2020	3	5,535.24	89.35	5,204.37	0.51	-112.78	443.09	0.05
SPA Campbell C 1	2020	4	5,132.62	85.04	4,810.62	0.48	-107.33	428.80	0.05
SPA Campbell C 1	2020	5	5,594.29	95.04	5,270.61	0.49	-119.96	443.09	0.06
SPA Campbell C 1	2020	6	5,647.21	96.78	5,340.03	0.47	-122.15	428.80	0.06
SPA Campbell C 1	2020	7	6,032.31	103.12	5,718.83	0.49	-130.16	443.09	0.06

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
SPA Campbell C 1	2020	8	6,236.30	104.99	5,925.17	0.50	-132.52	443.09	0.06
SPA Campbell C 1	2020	9	6,312.28	103.49	6,013.55	0.49	-130.63	428.80	0.06
SPA Campbell C 1	2020	10	6,226.76	97.67	5,906.35	0.53	-123.27	443.09	0.06
SPA Campbell C 1	2020	11	5,943.30	88.73	5,625.91	0.54	-112.00	428.80	0.05
SPA Campbell C 1	2020	12	6,798.78	96.63	6,477.01	0.59	-121.97	443.09	0.06
Union Valley	2020		970.06	118.30	970.06	0.00	0.00	0.00	0.00
Union Valley	2020	1	50.84	6.20	50.84	0.00	0.00	0.00	0.00
Union Valley	2020	2	61.50	7.50	61.50	0.00	0.00	0.00	0.00
Union Valley	2020	3	85.28	10.40	85.28	0.00	0.00	0.00	0.00
Union Valley	2020	4	80.36	9.80	80.36	0.00	0.00	0.00	0.00
Union Valley	2020	5	103.32	12.60	103.32	0.00	0.00	0.00	0.00
Union Valley	2020	6	106.60	13.00	106.60	0.00	0.00	0.00	0.00
Union Valley	2020	7	106.60	13.00	106.60	0.00	0.00	0.00	0.00
Union Valley	2020	8	123.00	15.00	123.00	0.00	0.00	0.00	0.00
Union Valley	2020	9	104.96	12.80	104.96	0.00	0.00	0.00	0.00
Union Valley	2020	10	40.18	4.90	40.18	0.00	0.00	0.00	0.00
Union Valley	2020	11	45.10	5.50	45.10	0.00	0.00	0.00	0.00
Union Valley	2020	12	62.32	7.60	62.32	0.00	0.00	0.00	0.00
WAPA 1	2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2020	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2020		7,412.57	903.97	7,412.57	0.00	0.00	0.00	0.00
WAPA 2	2020	1	463.05	56.47	463.05	0.00	0.00	0.00	0.00
WAPA 2	2020	2	485.68	59.23	485.68	0.00	0.00	0.00	0.00
WAPA 2	2020	3	497.22	60.64	497.22	0.00	0.00	0.00	0.00
WAPA 2	2020	4	546.12	66.60	546.12	0.00	0.00	0.00	0.00
WAPA 2	2020	5	743.08	90.62	743.08	0.00	0.00	0.00	0.00
WAPA 2	2020	6	823.61	100.44	823.61	0.00	0.00	0.00	0.00
WAPA 2	2020	7	1,066.42	130.05	1,066.42	0.00	0.00	0.00	0.00
WAPA 2	2020	8	856.55	104.46	856.55	0.00	0.00	0.00	0.00
WAPA 2	2020	9	681.32	83.09	681.32	0.00	0.00	0.00	0.00
WAPA 2	2020	10	474.64	57.88	474.64	0.00	0.00	0.00	0.00
WAPA 2	2020	11	345.38	42.12	345.38	0.00	0.00	0.00	0.00
WAPA 2	2020	12	429.50	52.38	429.50	0.00	0.00	0.00	0.00
White Rock	2020		4,472.28	545.40	4,472.28	0.00	0.00	0.00	0.00
White Rock	2020	1	351.78	42.90	351.78	0.00	0.00	0.00	0.00
White Rock	2020	2	384.58	46.90	384.58	0.00	0.00	0.00	0.00
White Rock	2020	3	564.98	68.90	564.98	0.00	0.00	0.00	0.00
White Rock	2020	4	587.94	71.70	587.94	0.00	0.00	0.00	0.00
White Rock	2020	5	678.14	82.70	678.14	0.00	0.00	0.00	0.00
White Rock	2020	6	511.68	62.40	511.68	0.00	0.00	0.00	0.00
White Rock	2020	7	336.20	41.00	336.20	0.00	0.00	0.00	0.00
White Rock	2020	8	284.54	34.70	284.54	0.00	0.00	0.00	0.00
White Rock	2020	9	249.28	30.40	249.28	0.00	0.00	0.00	0.00
White Rock	2020	10	140.22	17.10	140.22	0.00	0.00	0.00	0.00
White Rock	2020	11	141.86	17.30	141.86	0.00	0.00	0.00	0.00
White Rock	2020	12	241.08	29.40	241.08	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
CDWR_Ex_6x16OnPl	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2021		69,679.44	958.96	69,679.44	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	1	14,429.53	194.80	14,429.53	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	2	9,804.05	143.24	9,804.05	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	3	4,230.02	62.69	4,230.02	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	4	3,597.12	58.80	3,597.12	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	5	1,245.69	20.41	1,245.69	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	6	1,904.61	28.79	1,904.61	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	7	1,325.21	18.83	1,325.21	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	8	640.69	8.22	640.69	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	9	1,780.70	25.38	1,780.70	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	10	9,591.66	124.44	9,591.66	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	11	10,223.65	137.54	10,223.65	0.00	0.00	0.00	0.00
CNP15_Markets p	2021	12	10,906.50	135.81	10,906.50	0.00	0.00	0.00	0.00
CNP15_Markets s	2021		-205,976.52	-2,246.05	-205,976.52	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	1	-5,944.08	-62.38	-5,944.08	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	2	-278.75	-4.80	-278.75	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	3	-3,437.08	-48.06	-3,437.08	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	4	-5,315.30	-65.67	-5,315.30	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	5	-19,906.79	-240.27	-19,906.79	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	6	-26,296.71	-302.23	-26,296.71	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	7	-37,139.85	-401.00	-37,139.85	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	8	-39,991.21	-414.65	-39,991.21	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	9	-31,232.17	-341.98	-31,232.17	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	10	-3,067.88	-39.53	-3,067.88	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	11	-13,331.41	-134.43	-13,331.41	0.00	0.00	0.00	0.00
CNP15_Markets s	2021	12	-20,035.30	-191.06	-20,035.30	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2021		113,862.91	1,952.09	104,134.25	19.34	7,425.84	2,282.43	1.06
Cosumnes SMUD 1a	2021	1	9,877.96	158.28	9,080.15	1.76	602.12	193.85	0.09
Cosumnes SMUD 1a	2021	2	8,530.67	142.90	7,810.39	1.52	543.60	175.09	0.08
Cosumnes SMUD 1a	2021	3	9,110.04	158.21	8,312.65	1.62	601.84	193.85	0.09
Cosumnes SMUD 1a	2021	4	8,565.81	152.66	7,795.87	1.52	580.74	187.60	0.08
Cosumnes SMUD 1a	2021	5	9,384.15	169.93	8,542.23	1.54	646.44	193.85	0.09
Cosumnes SMUD 1a	2021	6	9,269.32	169.39	8,435.77	1.48	644.38	187.60	0.09
Cosumnes SMUD 1a	2021	7	9,547.48	173.45	8,692.19	1.54	659.80	193.85	0.09
Cosumnes SMUD 1a	2021	8	9,849.27	176.59	8,982.00	1.57	671.75	193.85	0.10
Cosumnes SMUD 1a	2021	9	9,284.73	161.89	8,479.64	1.56	615.85	187.60	0.09
Cosumnes SMUD 1a	2021	10	10,281.67	173.05	9,427.78	1.68	658.28	193.85	0.09
Cosumnes SMUD 1a	2021	11	9,544.67	153.54	8,771.23	1.70	584.06	187.60	0.08
Cosumnes SMUD 1a	2021	12	10,617.15	162.20	9,804.35	1.86	617.00	193.85	0.09
Cosumnes SMUD 1b	2021		113,647.12	1,948.20	103,933.29	19.34	7,411.02	2,282.43	1.05
Cosumnes SMUD 1b	2021	1	9,872.34	158.17	9,074.94	1.76	601.69	193.85	0.09
Cosumnes SMUD 1b	2021	2	8,530.67	142.90	7,810.39	1.52	543.60	175.09	0.08
Cosumnes SMUD 1b	2021	3	9,104.92	158.10	8,307.95	1.62	601.42	193.85	0.09
Cosumnes SMUD 1b	2021	4	8,029.45	142.92	7,296.58	1.52	543.68	187.60	0.08
Cosumnes SMUD 1b	2021	5	9,406.86	170.39	8,563.21	1.54	648.17	193.85	0.09
Cosumnes SMUD 1b	2021	6	9,269.32	169.39	8,435.77	1.48	644.38	187.60	0.09
Cosumnes SMUD 1b	2021	7	9,539.41	173.27	8,684.81	1.54	659.12	193.85	0.09
Cosumnes SMUD 1b	2021	8	9,849.27	176.59	8,982.00	1.57	671.75	193.85	0.10
Cosumnes SMUD 1b	2021	9	9,786.76	170.89	8,947.43	1.56	650.08	187.60	0.09

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 4a	2021	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2021		8,879.17	90.93	6,576.55	42.72	1,339.31	920.58	0.00
G1nGT SMUD 33	2021	1	273.36	2.04	161.64	3.54	30.01	78.19	0.00
G1nGT SMUD 33	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
G1nGT SMUD 33	2021	3	155.59	0.89	64.33	0.03	13.05	78.19	0.00
G1nGT SMUD 33	2021	4	278.44	2.36	166.33	1.73	34.72	75.66	0.00
G1nGT SMUD 33	2021	5	847.26	9.12	631.16	3.54	134.37	78.19	0.00
G1nGT SMUD 33	2021	6	1,064.86	11.79	811.33	4.27	173.59	75.66	0.00
G1nGT SMUD 33	2021	7	1,418.61	15.90	1,100.06	6.16	234.20	78.19	0.00
G1nGT SMUD 33	2021	8	1,598.20	17.80	1,252.61	5.29	262.11	78.19	0.00
G1nGT SMUD 33	2021	9	1,407.40	15.22	1,102.50	5.12	224.12	75.66	0.00
G1nGT SMUD 33	2021	10	178.86	1.11	83.46	0.91	16.31	78.19	0.00
G1nGT SMUD 33	2021	11	651.19	6.09	480.77	5.12	89.64	75.66	0.00
G1nGT SMUD 33	2021	12	934.79	8.64	722.37	7.04	127.20	78.19	0.00
GenGT SMUD 1	2021		12,100.36	126.14	9,250.26	71.61	1,857.91	920.58	0.00
GenGT SMUD 1	2021	1	825.04	7.88	625.46	5.29	116.11	78.19	0.00
GenGT SMUD 1	2021	2	441.73	4.04	305.25	6.36	59.51	70.62	0.00
GenGT SMUD 1	2021	3	469.10	4.38	318.42	7.91	64.58	78.19	0.00
GenGT SMUD 1	2021	4	468.25	4.54	320.55	5.12	66.91	75.66	0.00
GenGT SMUD 1	2021	5	941.91	10.23	707.76	5.29	150.68	78.19	0.00
GenGT SMUD 1	2021	6	1,213.40	13.54	932.29	5.96	199.48	75.66	0.00
GenGT SMUD 1	2021	7	1,540.22	17.36	1,201.05	5.29	255.70	78.19	0.00
GenGT SMUD 1	2021	8	1,678.00	18.73	1,318.61	5.29	275.92	78.19	0.00
GenGT SMUD 1	2021	9	1,494.03	16.20	1,173.79	5.96	238.61	75.66	0.00
GenGT SMUD 1	2021	10	594.28	5.67	427.32	5.29	83.49	78.19	0.00
GenGT SMUD 1	2021	11	1,097.92	10.84	856.58	5.96	159.71	75.66	0.00
GenGT SMUD 1	2021	12	1,336.48	12.71	1,063.18	7.91	187.21	78.19	0.00
GenGT SMUD 10	2021		11,954.66	124.61	9,124.61	74.12	1,835.35	920.58	0.00
GenGT SMUD 10	2021	1	800.04	7.62	604.38	5.29	112.19	78.19	0.00
GenGT SMUD 10	2021	2	370.29	3.24	244.80	7.15	47.72	70.62	0.00
GenGT SMUD 10	2021	3	503.04	4.78	347.37	7.04	70.45	78.19	0.00
GenGT SMUD 10	2021	4	506.76	5.01	353.82	3.42	73.86	75.66	0.00
GenGT SMUD 10	2021	5	990.22	10.81	747.59	5.29	159.16	78.19	0.00
GenGT SMUD 10	2021	6	1,269.85	14.23	979.50	5.12	209.58	75.66	0.00
GenGT SMUD 10	2021	7	1,555.96	17.54	1,213.30	6.16	258.31	78.19	0.00
GenGT SMUD 10	2021	8	1,611.02	17.94	1,262.50	6.16	264.18	78.19	0.00
GenGT SMUD 10	2021	9	1,437.99	15.56	1,127.21	5.96	229.15	75.66	0.00
GenGT SMUD 10	2021	10	558.37	5.27	397.27	5.29	77.62	78.19	0.00
GenGT SMUD 10	2021	11	992.85	9.69	765.17	9.35	142.66	75.66	0.00
GenGT SMUD 10	2021	12	1,358.27	12.93	1,081.70	7.91	190.47	78.19	0.00
GenGT SMUD 11	2021		11,561.27	120.30	8,790.96	77.74	1,771.99	920.58	0.00
GenGT SMUD 11	2021	1	769.34	7.26	576.26	7.91	106.98	78.19	0.00
GenGT SMUD 11	2021	2	362.28	3.16	238.76	6.36	46.54	70.62	0.00
GenGT SMUD 11	2021	3	476.84	4.47	324.86	7.91	65.88	78.19	0.00
GenGT SMUD 11	2021	4	386.13	3.60	254.02	3.42	53.03	75.66	0.00
GenGT SMUD 11	2021	5	971.64	10.58	732.27	5.29	155.90	78.19	0.00
GenGT SMUD 11	2021	6	1,262.69	14.14	973.60	5.12	208.31	75.66	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 11	2021	7	1,640.56	18.56	1,283.77	5.29	273.31	78.19	0.00
GenGT SMUD 11	2021	8	1,580.87	17.58	1,237.56	6.16	258.96	78.19	0.00
GenGT SMUD 11	2021	9	1,414.72	15.30	1,108.58	5.12	225.36	75.66	0.00
GenGT SMUD 11	2021	10	531.31	4.96	373.90	6.16	73.06	78.19	0.00
GenGT SMUD 11	2021	11	948.66	9.21	727.93	9.35	135.72	75.66	0.00
GenGT SMUD 11	2021	12	1,216.25	11.47	959.45	9.66	168.94	78.19	0.00
GenGT SMUD 12	2021		11,394.18	118.45	8,650.53	78.39	1,744.68	920.58	0.00
GenGT SMUD 12	2021	1	798.50	7.57	600.86	7.91	111.54	78.19	0.00
GenGT SMUD 12	2021	2	356.63	3.08	232.71	7.94	45.37	70.62	0.00
GenGT SMUD 12	2021	3	405.45	3.68	266.96	6.16	54.14	78.19	0.00
GenGT SMUD 12	2021	4	485.68	4.76	335.67	4.27	70.07	75.66	0.00
GenGT SMUD 12	2021	5	894.48	9.65	667.93	6.16	142.20	78.19	0.00
GenGT SMUD 12	2021	6	1,226.88	13.71	944.10	5.12	202.00	75.66	0.00
GenGT SMUD 12	2021	7	1,581.97	17.85	1,234.75	6.16	262.88	78.19	0.00
GenGT SMUD 12	2021	8	1,651.61	18.42	1,296.79	5.29	271.36	78.19	0.00
GenGT SMUD 12	2021	9	1,456.67	15.77	1,142.74	5.96	232.30	75.66	0.00
GenGT SMUD 12	2021	10	497.63	4.61	347.20	4.41	67.84	78.19	0.00
GenGT SMUD 12	2021	11	844.22	8.10	639.90	9.35	119.31	75.66	0.00
GenGT SMUD 12	2021	12	1,194.46	11.25	940.93	9.66	165.68	78.19	0.00
GenGT SMUD 13	2021		11,293.97	117.36	8,573.93	70.85	1,728.61	920.58	0.00
GenGT SMUD 13	2021	1	755.97	7.13	565.72	7.04	105.02	78.19	0.00
GenGT SMUD 13	2021	2	336.21	2.88	217.60	5.56	42.42	70.62	0.00
GenGT SMUD 13	2021	3	402.46	3.63	263.75	7.04	53.49	78.19	0.00
GenGT SMUD 13	2021	4	453.62	4.37	308.46	5.12	64.39	75.66	0.00
GenGT SMUD 13	2021	5	896.44	9.70	670.99	4.41	142.85	78.19	0.00
GenGT SMUD 13	2021	6	1,147.23	12.77	879.19	4.27	188.11	75.66	0.00
GenGT SMUD 13	2021	7	1,633.12	18.47	1,277.64	5.29	272.01	78.19	0.00
GenGT SMUD 13	2021	8	1,640.30	18.29	1,287.43	5.29	269.40	78.19	0.00
GenGT SMUD 13	2021	9	1,485.71	16.11	1,167.58	5.12	237.35	75.66	0.00
GenGT SMUD 13	2021	10	469.70	4.30	323.83	4.41	63.27	78.19	0.00
GenGT SMUD 13	2021	11	826.46	7.93	626.36	7.66	116.78	75.66	0.00
GenGT SMUD 13	2021	12	1,246.74	11.78	985.38	9.66	173.51	78.19	0.00
GenGT SMUD 14	2021		10,892.27	112.74	8,234.67	76.49	1,660.54	920.58	0.00
GenGT SMUD 14	2021	1	843.45	8.06	639.51	7.04	118.72	78.19	0.00
GenGT SMUD 14	2021	2	328.53	2.76	208.53	8.73	40.65	70.62	0.00
GenGT SMUD 14	2021	3	249.83	1.90	138.31	5.29	28.05	78.19	0.00
GenGT SMUD 14	2021	4	443.51	4.24	299.39	5.96	62.49	75.66	0.00
GenGT SMUD 14	2021	5	892.73	9.65	667.93	4.41	142.20	78.19	0.00
GenGT SMUD 14	2021	6	1,152.51	12.81	882.14	5.96	188.75	75.66	0.00
GenGT SMUD 14	2021	7	1,573.66	17.76	1,228.62	5.29	261.57	78.19	0.00
GenGT SMUD 14	2021	8	1,580.87	17.58	1,237.56	6.16	258.96	78.19	0.00
GenGT SMUD 14	2021	9	1,459.56	15.81	1,145.85	5.12	232.93	75.66	0.00
GenGT SMUD 14	2021	10	401.85	3.54	267.07	4.41	52.18	78.19	0.00
GenGT SMUD 14	2021	11	819.27	7.84	619.58	8.50	115.52	75.66	0.00
GenGT SMUD 14	2021	12	1,146.51	10.76	900.18	9.63	158.51	78.19	0.00
GenGT SMUD 15	2021		10,446.78	107.92	7,867.79	68.90	1,589.52	920.58	0.00
GenGT SMUD 15	2021	1	718.47	6.73	534.10	7.04	99.15	78.19	0.00
GenGT SMUD 15	2021	2	251.11	1.92	145.07	7.15	28.28	70.62	0.00
GenGT SMUD 15	2021	3	306.98	2.57	186.55	4.41	37.83	78.19	0.00
GenGT SMUD 15	2021	4	322.03	2.83	199.59	5.12	41.66	75.66	0.00
GenGT SMUD 15	2021	5	876.99	9.48	655.67	3.54	139.59	78.19	0.00
GenGT SMUD 15	2021	6	1,115.85	12.39	852.64	5.12	182.43	75.66	0.00
GenGT SMUD 15	2021	7	1,629.41	18.42	1,274.58	5.29	271.36	78.19	0.00
GenGT SMUD 15	2021	8	1,561.14	17.36	1,221.97	5.29	255.70	78.19	0.00
GenGT SMUD 15	2021	9	1,422.19	15.39	1,114.79	5.12	226.62	75.66	0.00
GenGT SMUD 15	2021	10	365.06	3.14	237.03	3.54	46.31	78.19	0.00
GenGT SMUD 15	2021	11	770.22	7.33	578.96	7.66	107.94	75.66	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 15	2021	12	1,107.33	10.36	866.84	9.66	152.64	78.19	0.00
GenGT SMUD 16	2021		10,319.11	106.76	7,761.31	64.75	1,572.48	920.58	0.00
GenGT SMUD 16	2021	1	680.98	6.33	502.47	7.04	93.28	78.19	0.00
GenGT SMUD 16	2021	2	198.97	1.36	102.76	5.56	20.03	70.62	0.00
GenGT SMUD 16	2021	3	272.16	2.17	157.60	4.41	31.96	78.19	0.00
GenGT SMUD 16	2021	4	305.72	2.66	187.49	3.42	39.14	75.66	0.00
GenGT SMUD 16	2021	5	873.27	9.43	652.61	3.54	138.94	78.19	0.00
GenGT SMUD 16	2021	6	1,216.13	13.59	935.24	5.12	200.11	75.66	0.00
GenGT SMUD 16	2021	7	1,603.39	18.11	1,253.13	5.29	266.79	78.19	0.00
GenGT SMUD 16	2021	8	1,628.99	18.16	1,278.08	5.29	267.44	78.19	0.00
GenGT SMUD 16	2021	9	1,452.09	15.73	1,139.64	5.12	231.67	75.66	0.00
GenGT SMUD 16	2021	10	353.97	3.01	227.01	4.41	44.36	78.19	0.00
GenGT SMUD 16	2021	11	701.93	6.60	521.40	7.66	97.21	75.66	0.00
GenGT SMUD 16	2021	12	1,031.51	9.61	803.87	7.91	141.55	78.19	0.00
GenGT SMUD 17	2021		9,728.09	100.25	7,271.30	59.58	1,476.63	920.58	0.00
GenGT SMUD 17	2021	1	618.48	5.67	449.77	7.04	83.49	78.19	0.00
GenGT SMUD 17	2021	2	172.90	1.08	81.60	4.77	15.91	70.62	0.00
GenGT SMUD 17	2021	3	223.99	1.64	119.01	2.66	24.13	78.19	0.00
GenGT SMUD 17	2021	4	269.16	2.23	157.25	3.42	32.83	75.66	0.00
GenGT SMUD 17	2021	5	873.27	9.43	652.61	3.54	138.94	78.19	0.00
GenGT SMUD 17	2021	6	1,212.55	13.54	932.29	5.12	199.48	75.66	0.00
GenGT SMUD 17	2021	7	1,581.10	17.85	1,234.75	5.29	262.88	78.19	0.00
GenGT SMUD 17	2021	8	1,572.45	17.49	1,231.32	5.29	257.66	78.19	0.00
GenGT SMUD 17	2021	9	1,377.35	14.87	1,077.53	5.12	219.05	75.66	0.00
GenGT SMUD 17	2021	10	216.53	1.51	113.51	2.66	22.18	78.19	0.00
GenGT SMUD 17	2021	11	653.73	6.09	480.77	7.66	89.64	75.66	0.00
GenGT SMUD 17	2021	12	956.57	8.86	740.89	7.04	130.46	78.19	0.00
GenGT SMUD 18	2021		10,017.71	103.57	7,513.85	57.83	1,525.45	920.58	0.00
GenGT SMUD 18	2021	1	571.78	5.18	411.12	6.16	76.32	78.19	0.00
GenGT SMUD 18	2021	2	155.64	0.88	66.49	5.56	12.96	70.62	0.00
GenGT SMUD 18	2021	3	220.99	1.59	115.79	3.54	23.48	78.19	0.00
GenGT SMUD 18	2021	4	311.33	2.74	193.54	1.73	40.40	75.66	0.00
GenGT SMUD 18	2021	5	869.55	9.39	649.55	3.54	138.29	78.19	0.00
GenGT SMUD 18	2021	6	1,212.55	13.54	932.29	5.12	199.48	75.66	0.00
GenGT SMUD 18	2021	7	1,599.68	18.07	1,250.07	5.29	266.14	78.19	0.00
GenGT SMUD 18	2021	8	1,628.99	18.16	1,278.08	5.29	267.44	78.19	0.00
GenGT SMUD 18	2021	9	1,448.35	15.69	1,136.53	5.12	231.04	75.66	0.00
GenGT SMUD 18	2021	10	300.34	2.44	183.61	2.66	35.88	78.19	0.00
GenGT SMUD 18	2021	11	733.22	6.94	548.48	6.81	102.26	75.66	0.00
GenGT SMUD 18	2021	12	965.29	8.95	748.30	7.04	131.76	78.19	0.00
GenGT SMUD 19	2021		9,800.05	100.88	7,336.42	57.10	1,485.95	920.58	0.00
GenGT SMUD 19	2021	1	589.32	5.36	425.17	7.04	78.93	78.19	0.00
GenGT SMUD 19	2021	2	132.39	0.64	48.36	3.98	9.43	70.62	0.00
GenGT SMUD 19	2021	3	184.43	1.20	86.84	1.78	17.61	78.19	0.00
GenGT SMUD 19	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 19	2021	5	847.26	9.12	631.16	3.54	134.37	78.19	0.00
GenGT SMUD 19	2021	6	1,141.77	12.69	873.29	5.96	186.85	75.66	0.00
GenGT SMUD 19	2021	7	1,595.96	18.02	1,247.00	5.29	265.48	78.19	0.00
GenGT SMUD 19	2021	8	1,628.99	18.16	1,278.08	5.29	267.44	78.19	0.00
GenGT SMUD 19	2021	9	1,393.15	15.04	1,089.95	5.96	221.57	75.66	0.00
GenGT SMUD 19	2021	10	260.43	1.99	150.23	2.66	29.35	78.19	0.00
GenGT SMUD 19	2021	11	737.24	6.99	551.87	6.81	102.89	75.66	0.00
GenGT SMUD 19	2021	12	1,066.37	9.96	833.50	7.91	146.77	78.19	0.00
GenGT SMUD 2	2021		9,481.56	97.58	7,070.77	52.97	1,437.24	920.58	0.00
GenGT SMUD 2	2021	1	522.66	4.65	368.95	7.04	68.49	78.19	0.00
GenGT SMUD 2	2021	2	112.75	0.44	33.24	2.40	6.48	70.62	0.00
GenGT SMUD 2	2021	3	177.56	1.11	80.41	2.66	16.31	78.19	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 2	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 2	2021	5	828.67	8.90	615.84	3.54	131.11	78.19	0.00
GenGT SMUD 2	2021	6	1,212.55	13.54	932.29	5.12	199.48	75.66	0.00
GenGT SMUD 2	2021	7	1,599.68	18.07	1,250.07	5.29	266.14	78.19	0.00
GenGT SMUD 2	2021	8	1,534.76	17.05	1,200.15	5.29	251.13	78.19	0.00
GenGT SMUD 2	2021	9	1,392.30	15.04	1,089.95	5.12	221.57	75.66	0.00
GenGT SMUD 2	2021	10	284.37	2.26	170.26	2.66	33.27	78.19	0.00
GenGT SMUD 2	2021	11	676.14	6.34	501.08	5.96	93.43	75.66	0.00
GenGT SMUD 2	2021	12	917.36	8.46	707.55	7.04	124.59	78.19	0.00
GenGT SMUD 20	2021		9,478.89	97.50	7,070.22	52.04	1,436.04	920.58	0.00
GenGT SMUD 20	2021	1	543.49	4.87	386.52	7.04	71.75	78.19	0.00
GenGT SMUD 20	2021	2	106.32	0.36	27.20	3.19	5.30	70.62	0.00
GenGT SMUD 20	2021	3	160.34	0.93	67.54	0.91	13.70	78.19	0.00
GenGT SMUD 20	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 20	2021	5	772.93	8.24	569.88	3.54	121.33	78.19	0.00
GenGT SMUD 20	2021	6	1,183.90	13.20	908.69	5.12	194.43	75.66	0.00
GenGT SMUD 20	2021	7	1,541.09	17.36	1,201.05	6.16	255.70	78.19	0.00
GenGT SMUD 20	2021	8	1,628.99	18.16	1,278.08	5.29	267.44	78.19	0.00
GenGT SMUD 20	2021	9	1,448.35	15.69	1,136.53	5.12	231.04	75.66	0.00
GenGT SMUD 20	2021	10	280.38	2.21	166.92	2.66	32.61	78.19	0.00
GenGT SMUD 20	2021	11	651.19	6.09	480.77	5.12	89.64	75.66	0.00
GenGT SMUD 20	2021	12	939.15	8.68	726.07	7.04	127.85	78.19	0.00
GenGT SMUD 21	2021		9,315.95	95.69	6,939.83	46.14	1,409.40	920.58	0.00
GenGT SMUD 21	2021	1	483.42	4.25	337.33	5.29	62.62	78.19	0.00
GenGT SMUD 21	2021	2	85.89	0.16	12.09	0.82	2.36	70.62	0.00
GenGT SMUD 21	2021	3	155.59	0.89	64.33	0.03	13.05	78.19	0.00
GenGT SMUD 21	2021	4	237.38	1.89	133.06	0.88	27.78	75.66	0.00
GenGT SMUD 21	2021	5	847.26	9.12	631.16	3.54	134.37	78.19	0.00
GenGT SMUD 21	2021	6	1,113.11	12.34	849.69	5.96	181.80	75.66	0.00
GenGT SMUD 21	2021	7	1,462.18	16.43	1,136.70	5.29	242.00	78.19	0.00
GenGT SMUD 21	2021	8	1,628.99	18.16	1,278.08	5.29	267.44	78.19	0.00
GenGT SMUD 21	2021	9	1,448.35	15.69	1,136.53	5.12	231.04	75.66	0.00
GenGT SMUD 21	2021	10	235.61	1.73	130.20	1.78	25.44	78.19	0.00
GenGT SMUD 21	2021	11	631.10	5.87	463.84	5.12	86.48	75.66	0.00
GenGT SMUD 21	2021	12	987.07	9.17	766.82	7.04	135.03	78.19	0.00
GenGT SMUD 25	2021		9,391.87	96.56	7,000.40	48.65	1,422.24	920.58	0.00
GenGT SMUD 25	2021	1	454.26	3.94	312.73	5.29	58.05	78.19	0.00
GenGT SMUD 25	2021	2	93.90	0.24	18.13	1.61	3.54	70.62	0.00
GenGT SMUD 25	2021	3	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 25	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 25	2021	5	847.26	9.12	631.16	3.54	134.37	78.19	0.00
GenGT SMUD 25	2021	6	1,180.32	13.16	905.74	5.12	193.80	75.66	0.00
GenGT SMUD 25	2021	7	1,500.22	16.87	1,167.34	6.16	248.52	78.19	0.00
GenGT SMUD 25	2021	8	1,628.99	18.16	1,278.08	5.29	267.44	78.19	0.00
GenGT SMUD 25	2021	9	1,448.35	15.69	1,136.53	5.12	231.04	75.66	0.00
GenGT SMUD 25	2021	10	264.42	2.04	153.57	2.66	30.01	78.19	0.00
GenGT SMUD 25	2021	11	712.29	6.73	531.56	5.96	99.11	75.66	0.00
GenGT SMUD 25	2021	12	960.93	8.90	744.60	7.04	131.11	78.19	0.00
GenGT SMUD 26	2021		9,070.44	92.89	6,734.63	47.07	1,368.16	920.58	0.00
GenGT SMUD 26	2021	1	420.93	3.59	284.62	5.29	52.84	78.19	0.00
GenGT SMUD 26	2021	2	74.26	0.04	3.02	0.03	0.59	70.62	0.00
GenGT SMUD 26	2021	3	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 26	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 26	2021	5	772.93	8.24	569.88	3.54	121.33	78.19	0.00
GenGT SMUD 26	2021	6	1,090.78	12.09	831.98	5.12	178.01	75.66	0.00
GenGT SMUD 26	2021	7	1,518.80	17.09	1,182.66	6.16	251.79	78.19	0.00
GenGT SMUD 26	2021	8	1,628.99	18.16	1,278.08	5.29	267.44	78.19	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 32	2021	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2021		8,888.61	90.94	6,586.77	41.82	1,339.44	920.58	0.00
GenGT SMUD 34	2021	1	352.52	2.88	228.40	3.54	42.40	78.19	0.00
GenGT SMUD 34	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 34	2021	3	155.59	0.89	64.33	0.03	13.05	78.19	0.00
GenGT SMUD 34	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 34	2021	5	834.14	8.97	620.35	3.54	132.07	78.19	0.00
GenGT SMUD 34	2021	6	1,111.52	12.33	849.07	5.12	181.67	75.66	0.00
GenGT SMUD 34	2021	7	1,423.90	15.97	1,105.15	5.29	235.28	78.19	0.00
GenGT SMUD 34	2021	8	1,557.37	17.32	1,218.85	5.29	255.05	78.19	0.00
GenGT SMUD 34	2021	9	1,393.27	15.05	1,090.76	5.12	221.73	75.66	0.00
GenGT SMUD 34	2021	10	118.13	0.44	33.38	0.03	6.52	78.19	0.00
GenGT SMUD 34	2021	11	692.20	6.51	514.63	5.96	95.95	75.66	0.00
GenGT SMUD 34	2021	12	956.57	8.86	740.89	7.04	130.46	78.19	0.00
GenGT SMUD 35	2021		8,341.95	84.70	6,133.75	40.12	1,247.50	920.58	0.00
GenGT SMUD 35	2021	1	309.98	2.44	193.26	2.66	35.88	78.19	0.00
GenGT SMUD 35	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 35	2021	3	155.59	0.89	64.33	0.03	13.05	78.19	0.00
GenGT SMUD 35	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 35	2021	5	654.70	6.83	472.40	3.54	100.57	78.19	0.00
GenGT SMUD 35	2021	6	1,081.97	11.98	824.73	5.12	176.46	75.66	0.00
GenGT SMUD 35	2021	7	1,294.95	14.44	998.83	5.29	212.65	78.19	0.00
GenGT SMUD 35	2021	8	1,527.71	16.97	1,194.32	5.29	249.91	78.19	0.00
GenGT SMUD 35	2021	9	1,380.19	14.90	1,079.89	5.12	219.53	75.66	0.00
GenGT SMUD 35	2021	10	178.86	1.11	83.46	0.91	16.31	78.19	0.00
GenGT SMUD 35	2021	11	529.83	4.80	379.20	4.27	70.70	75.66	0.00
GenGT SMUD 35	2021	12	934.79	8.64	722.37	7.04	127.20	78.19	0.00
GenGT SMUD 36	2021		8,271.49	83.67	6,078.40	40.10	1,232.41	920.58	0.00
GenGT SMUD 36	2021	1	289.15	2.21	175.69	2.66	32.61	78.19	0.00
GenGT SMUD 36	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 36	2021	3	155.59	0.89	64.33	0.03	13.05	78.19	0.00
GenGT SMUD 36	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 36	2021	5	596.34	6.14	425.01	2.66	90.48	78.19	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 36	2021	6	1,014.72	11.19	770.03	4.27	164.76	75.66	0.00
GenGT SMUD 36	2021	7	1,279.23	14.25	985.87	5.29	209.89	78.19	0.00
GenGT SMUD 36	2021	8	1,487.26	16.49	1,160.87	5.29	242.92	78.19	0.00
GenGT SMUD 36	2021	9	1,328.18	14.31	1,036.66	5.12	210.74	75.66	0.00
GenGT SMUD 36	2021	10	178.86	1.11	83.46	0.91	16.31	78.19	0.00
GenGT SMUD 36	2021	11	692.20	6.51	514.63	5.96	95.95	75.66	0.00
GenGT SMUD 36	2021	12	956.57	8.86	740.89	7.04	130.46	78.19	0.00
GenGT SMUD 37	2021		7,876.32	79.17	5,750.34	39.28	1,166.13	920.58	0.00
GenGT SMUD 37	2021	1	352.52	2.88	228.40	3.54	42.40	78.19	0.00
GenGT SMUD 37	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 37	2021	3	155.59	0.89	64.33	0.03	13.05	78.19	0.00
GenGT SMUD 37	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 37	2021	5	501.97	5.02	347.20	2.66	73.92	78.19	0.00
GenGT SMUD 37	2021	6	993.23	10.93	752.33	4.27	160.97	75.66	0.00
GenGT SMUD 37	2021	7	1,215.02	13.48	932.93	5.29	198.62	78.19	0.00
GenGT SMUD 37	2021	8	1,457.67	16.14	1,136.40	5.29	237.79	78.19	0.00
GenGT SMUD 37	2021	9	1,273.52	13.68	991.24	5.12	201.50	75.66	0.00
GenGT SMUD 37	2021	10	178.86	1.11	83.46	0.91	16.31	78.19	0.00
GenGT SMUD 37	2021	11	519.79	4.69	370.73	4.27	69.12	75.66	0.00
GenGT SMUD 37	2021	12	934.79	8.64	722.37	7.04	127.20	78.19	0.00
GenGT SMUD 38	2021		7,449.99	74.24	5,395.76	40.15	1,093.50	920.58	0.00
GenGT SMUD 38	2021	1	331.69	2.66	210.83	3.54	39.14	78.19	0.00
GenGT SMUD 38	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 38	2021	3	155.59	0.89	64.33	0.03	13.05	78.19	0.00
GenGT SMUD 38	2021	4	222.76	1.71	120.96	0.88	25.25	75.66	0.00
GenGT SMUD 38	2021	5	349.29	3.19	220.60	3.54	46.97	78.19	0.00
GenGT SMUD 38	2021	6	940.35	10.29	708.07	5.12	151.50	75.66	0.00
GenGT SMUD 38	2021	7	1,203.42	13.35	923.37	5.29	196.58	78.19	0.00
GenGT SMUD 38	2021	8	1,426.31	15.78	1,110.47	5.29	232.37	78.19	0.00
GenGT SMUD 38	2021	9	1,193.44	12.76	924.69	5.12	187.97	75.66	0.00
GenGT SMUD 38	2021	10	178.86	1.11	83.46	0.91	16.31	78.19	0.00
GenGT SMUD 38	2021	11	442.87	3.88	306.62	3.42	57.17	75.66	0.00
GenGT SMUD 38	2021	12	934.79	8.64	722.37	7.04	127.20	78.19	0.00
GenGT SMUD 39	2021		6,848.68	67.29	4,899.39	37.52	991.19	920.58	0.00
GenGT SMUD 39	2021	1	289.15	2.21	175.69	2.66	32.61	78.19	0.00
GenGT SMUD 39	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 39	2021	3	124.64	0.53	38.60	0.03	7.83	78.19	0.00
GenGT SMUD 39	2021	4	75.66	0.00	0.00	0.00	0.00	75.66	0.00
GenGT SMUD 39	2021	5	314.97	2.79	193.03	2.66	41.09	78.19	0.00
GenGT SMUD 39	2021	6	946.73	10.36	713.32	5.12	152.62	75.66	0.00
GenGT SMUD 39	2021	7	1,062.70	11.68	808.07	4.41	172.04	78.19	0.00
GenGT SMUD 39	2021	8	1,286.99	14.13	994.53	6.16	208.11	78.19	0.00
GenGT SMUD 39	2021	9	1,124.03	11.97	867.00	5.12	176.25	75.66	0.00
GenGT SMUD 39	2021	10	178.86	1.11	83.46	0.91	16.31	78.19	0.00
GenGT SMUD 39	2021	11	504.88	4.54	358.88	3.42	66.91	75.66	0.00
GenGT SMUD 39	2021	12	869.44	7.97	666.80	7.04	117.41	78.19	0.00
GenGT SMUD 4	2021		6,751.00	66.03	4,821.11	36.71	972.60	920.58	0.00
GenGT SMUD 4	2021	1	289.15	2.21	175.69	2.66	32.61	78.19	0.00
GenGT SMUD 4	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 4	2021	3	109.17	0.35	25.73	0.03	5.22	78.19	0.00
GenGT SMUD 4	2021	4	148.80	0.86	60.48	0.03	12.63	75.66	0.00
GenGT SMUD 4	2021	5	266.66	2.21	153.19	2.66	32.61	78.19	0.00
GenGT SMUD 4	2021	6	875.93	9.51	655.00	5.12	140.15	75.66	0.00
GenGT SMUD 4	2021	7	1,085.77	11.94	826.36	5.29	175.93	78.19	0.00
GenGT SMUD 4	2021	8	1,305.30	14.35	1,010.40	5.29	211.43	78.19	0.00
GenGT SMUD 4	2021	9	1,004.42	10.59	767.60	5.12	156.04	75.66	0.00
GenGT SMUD 4	2021	10	138.08	0.66	50.08	0.03	9.78	78.19	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 44	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2021		4,333.50	38.44	2,819.52	27.18	566.23	920.58	0.00
GenGT SMUD 45	2021	1	183.25	1.11	87.85	0.91	16.31	78.19	0.00
GenGT SMUD 45	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 45	2021	3	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 45	2021	4	75.66	0.00	0.00	0.00	0.00	75.66	0.00
GenGT SMUD 45	2021	5	135.71	0.66	45.96	1.78	9.78	78.19	0.00
GenGT SMUD 45	2021	6	355.90	3.31	228.03	3.42	48.79	75.66	0.00
GenGT SMUD 45	2021	7	990.74	10.81	748.02	5.29	159.25	78.19	0.00
GenGT SMUD 45	2021	8	1,052.06	11.38	800.98	5.29	167.61	78.19	0.00
GenGT SMUD 45	2021	9	198.06	1.37	99.58	2.57	20.24	75.66	0.00
GenGT SMUD 45	2021	10	90.19	0.13	10.02	0.03	1.96	78.19	0.00
GenGT SMUD 45	2021	11	258.15	1.93	152.36	1.73	28.41	75.66	0.00
GenGT SMUD 45	2021	12	844.96	7.73	646.73	6.16	113.88	78.19	0.00
GenGT SMUD 46	2021		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2021		3,673.18	31.25	2,268.53	23.76	460.31	920.58	0.00
GenGT SMUD 5	2021	1	183.25	1.11	87.85	0.91	16.31	78.19	0.00
GenGT SMUD 5	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 5	2021	3	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 5	2021	4	75.66	0.00	0.00	0.00	0.00	75.66	0.00
GenGT SMUD 5	2021	5	120.85	0.49	33.70	1.78	7.18	78.19	0.00
GenGT SMUD 5	2021	6	304.05	2.70	186.01	2.57	39.80	75.66	0.00
GenGT SMUD 5	2021	7	941.99	10.23	707.82	5.29	150.69	78.19	0.00
GenGT SMUD 5	2021	8	931.11	9.95	700.23	6.16	146.53	78.19	0.00
GenGT SMUD 5	2021	9	122.68	0.52	37.63	1.73	7.65	75.66	0.00
GenGT SMUD 5	2021	10	90.19	0.13	10.02	0.03	1.96	78.19	0.00
GenGT SMUD 5	2021	11	217.14	1.50	118.50	0.88	22.09	75.66	0.00
GenGT SMUD 5	2021	12	537.48	4.62	386.78	4.41	68.11	78.19	0.00
GenGT SMUD 6	2021		3,432.38	28.76	2,069.68	18.54	423.59	920.58	0.00
GenGT SMUD 6	2021	1	225.78	1.55	122.98	1.78	22.83	78.19	0.00
GenGT SMUD 6	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 6	2021	3	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 6	2021	4	75.66	0.00	0.00	0.00	0.00	75.66	0.00
GenGT SMUD 6	2021	5	112.54	0.40	27.58	0.91	5.87	78.19	0.00
GenGT SMUD 6	2021	6	281.54	2.44	168.17	1.73	35.98	75.66	0.00
GenGT SMUD 6	2021	7	924.69	10.02	693.56	5.29	147.66	78.19	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 6	2021	8	955.98	10.25	721.52	5.29	150.98	78.19	0.00
GenGT SMUD 6	2021	9	87.75	0.13	9.32	0.88	1.89	75.66	0.00
GenGT SMUD 6	2021	10	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 6	2021	11	176.97	1.07	84.64	0.88	15.78	75.66	0.00
GenGT SMUD 6	2021	12	364.47	2.89	241.91	1.78	42.60	78.19	0.00
GenGT SMUD 7	2021		3,012.24	23.98	1,722.45	15.94	353.28	920.58	0.00
GenGT SMUD 7	2021	1	183.25	1.11	87.85	0.91	16.31	78.19	0.00
GenGT SMUD 7	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 7	2021	3	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 7	2021	4	75.66	0.00	0.00	0.00	0.00	75.66	0.00
GenGT SMUD 7	2021	5	100.52	0.27	18.38	0.03	3.91	78.19	0.00
GenGT SMUD 7	2021	6	220.65	1.71	118.01	1.73	25.25	75.66	0.00
GenGT SMUD 7	2021	7	813.57	8.70	601.95	5.29	128.15	78.19	0.00
GenGT SMUD 7	2021	8	841.46	8.91	626.82	5.29	131.16	78.19	0.00
GenGT SMUD 7	2021	9	83.17	0.09	6.21	0.03	1.26	75.66	0.00
GenGT SMUD 7	2021	10	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 7	2021	11	176.97	1.07	84.64	0.88	15.78	75.66	0.00
GenGT SMUD 7	2021	12	290.00	2.13	178.58	1.78	31.45	78.19	0.00
GenGT SMUD 8	2021		2,827.36	22.11	1,568.76	12.44	325.59	920.58	0.00
GenGT SMUD 8	2021	1	140.71	0.66	52.71	0.03	9.78	78.19	0.00
GenGT SMUD 8	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 8	2021	3	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 8	2021	4	75.66	0.00	0.00	0.00	0.00	75.66	0.00
GenGT SMUD 8	2021	5	100.52	0.27	18.38	0.03	3.91	78.19	0.00
GenGT SMUD 8	2021	6	270.79	2.31	159.32	1.73	34.09	75.66	0.00
GenGT SMUD 8	2021	7	808.13	8.64	597.46	5.29	127.20	78.19	0.00
GenGT SMUD 8	2021	8	779.06	8.18	575.95	4.41	120.52	78.19	0.00
GenGT SMUD 8	2021	9	83.17	0.09	6.21	0.03	1.26	75.66	0.00
GenGT SMUD 8	2021	10	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 8	2021	11	176.97	1.07	84.64	0.88	15.78	75.66	0.00
GenGT SMUD 8	2021	12	165.35	0.89	74.09	0.03	13.05	78.19	0.00
GenGT SMUD 9	2021		2,585.40	19.29	1,369.95	10.68	284.18	920.58	0.00
GenGT SMUD 9	2021	1	140.71	0.66	52.71	0.03	9.78	78.19	0.00
GenGT SMUD 9	2021	2	70.62	0.00	0.00	0.00	0.00	70.62	0.00
GenGT SMUD 9	2021	3	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 9	2021	4	75.66	0.00	0.00	0.00	0.00	75.66	0.00
GenGT SMUD 9	2021	5	88.33	0.12	8.33	0.03	1.77	78.19	0.00
GenGT SMUD 9	2021	6	245.76	2.01	138.69	1.73	29.68	75.66	0.00
GenGT SMUD 9	2021	7	731.73	7.73	534.47	5.29	113.79	78.19	0.00
GenGT SMUD 9	2021	8	686.06	7.10	499.76	3.54	104.58	78.19	0.00
GenGT SMUD 9	2021	9	75.66	0.00	0.00	0.00	0.00	75.66	0.00
GenGT SMUD 9	2021	10	78.19	0.00	0.00	0.00	0.00	78.19	0.00
GenGT SMUD 9	2021	11	149.13	0.78	61.90	0.03	11.54	75.66	0.00
GenGT SMUD 9	2021	12	165.35	0.89	74.09	0.03	13.05	78.19	0.00
Jaybird	2021		4,469.64	532.10	4,469.64	0.00	0.00	0.00	0.00
Jaybird	2021	1	294.84	35.10	294.84	0.00	0.00	0.00	0.00
Jaybird	2021	2	330.12	39.30	330.12	0.00	0.00	0.00	0.00
Jaybird	2021	3	440.16	52.40	440.16	0.00	0.00	0.00	0.00
Jaybird	2021	4	382.20	45.50	382.20	0.00	0.00	0.00	0.00
Jaybird	2021	5	420.00	50.00	420.00	0.00	0.00	0.00	0.00
Jaybird	2021	6	414.96	49.40	414.96	0.00	0.00	0.00	0.00
Jaybird	2021	7	431.76	51.40	431.76	0.00	0.00	0.00	0.00
Jaybird	2021	8	500.64	59.60	500.64	0.00	0.00	0.00	0.00
Jaybird	2021	9	451.08	53.70	451.08	0.00	0.00	0.00	0.00
Jaybird	2021	10	246.12	29.30	246.12	0.00	0.00	0.00	0.00
Jaybird	2021	11	237.72	28.30	237.72	0.00	0.00	0.00	0.00
Jaybird	2021	12	320.04	38.10	320.04	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Jones Fork	2021		182.28	21.70	182.28	0.00	0.00	0.00	0.00
Jones Fork	2021	1	12.60	1.50	12.60	0.00	0.00	0.00	0.00
Jones Fork	2021	2	14.28	1.70	14.28	0.00	0.00	0.00	0.00
Jones Fork	2021	3	18.48	2.20	18.48	0.00	0.00	0.00	0.00
Jones Fork	2021	4	17.64	2.10	17.64	0.00	0.00	0.00	0.00
Jones Fork	2021	5	18.48	2.20	18.48	0.00	0.00	0.00	0.00
Jones Fork	2021	6	21.84	2.60	21.84	0.00	0.00	0.00	0.00
Jones Fork	2021	7	14.28	1.70	14.28	0.00	0.00	0.00	0.00
Jones Fork	2021	8	15.96	1.90	15.96	0.00	0.00	0.00	0.00
Jones Fork	2021	9	17.64	2.10	17.64	0.00	0.00	0.00	0.00
Jones Fork	2021	10	14.28	1.70	14.28	0.00	0.00	0.00	0.00
Jones Fork	2021	11	5.88	0.70	5.88	0.00	0.00	0.00	0.00
Jones Fork	2021	12	10.92	1.30	10.92	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2021		816.48	97.20	816.48	0.00	0.00	0.00	0.00
Loon Lake	2021	1	43.68	5.20	43.68	0.00	0.00	0.00	0.00
Loon Lake	2021	2	86.52	10.30	86.52	0.00	0.00	0.00	0.00
Loon Lake	2021	3	69.72	8.30	69.72	0.00	0.00	0.00	0.00
Loon Lake	2021	4	61.32	7.30	61.32	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy4_Wind	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2021		7,684.57	92.90	6,564.00	145.54	641.00	333.96	0.07
Procter & G GT 1	2021	1	28.36	0.00	0.00	0.00	0.00	28.36	0.00
Procter & G GT 1	2021	2	25.62	0.00	0.00	0.00	0.00	25.62	0.00
Procter & G GT 1	2021	3	28.36	0.00	0.00	0.00	0.00	28.36	0.00
Procter & G GT 1	2021	4	27.45	0.00	0.00	0.00	0.00	27.45	0.00
Procter & G GT 1	2021	5	766.39	9.74	656.53	14.26	67.23	28.36	0.01
Procter & G GT 1	2021	6	1,063.19	13.70	918.44	22.78	94.51	27.45	0.01
Procter & G GT 1	2021	7	1,339.79	17.27	1,163.89	28.35	119.18	28.36	0.01
Procter & G GT 1	2021	8	1,404.68	17.86	1,224.25	28.84	123.21	28.36	0.01
Procter & G GT 1	2021	9	1,074.06	13.20	931.55	23.97	91.08	27.45	0.01
Procter & G GT 1	2021	10	28.36	0.00	0.00	0.00	0.00	28.36	0.00
Procter & G GT 1	2021	11	1,007.68	11.50	885.09	15.76	79.37	27.45	0.01
Procter & G GT 1	2021	12	890.62	9.63	784.26	11.57	66.42	28.36	0.01
Robbs Peak	2021		412.44	49.10	412.44	0.00	0.00	0.00	0.00
Robbs Peak	2021	1	30.24	3.60	30.24	0.00	0.00	0.00	0.00
Robbs Peak	2021	2	45.36	5.40	45.36	0.00	0.00	0.00	0.00
Robbs Peak	2021	3	56.28	6.70	56.28	0.00	0.00	0.00	0.00
Robbs Peak	2021	4	60.48	7.20	60.48	0.00	0.00	0.00	0.00
Robbs Peak	2021	5	60.48	7.20	60.48	0.00	0.00	0.00	0.00
Robbs Peak	2021	6	47.04	5.60	47.04	0.00	0.00	0.00	0.00
Robbs Peak	2021	7	31.92	3.80	31.92	0.00	0.00	0.00	0.00
Robbs Peak	2021	8	26.88	3.20	26.88	0.00	0.00	0.00	0.00
Robbs Peak	2021	9	12.60	1.50	12.60	0.00	0.00	0.00	0.00
Robbs Peak	2021	10	10.92	1.30	10.92	0.00	0.00	0.00	0.00
Robbs Peak	2021	11	9.24	1.10	9.24	0.00	0.00	0.00	0.00
Robbs Peak	2021	12	21.00	2.50	21.00	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2021		51,001.81	719.66	46,689.20	7.72	-1,936.60	6,241.02	0.47
SCA P&G Cogen 1	2021	1	4,361.18	57.07	3,983.95	0.70	-153.58	530.06	0.04
SCA P&G Cogen 1	2021	2	3,589.52	48.76	3,241.33	0.61	-131.21	478.76	0.03
SCA P&G Cogen 1	2021	3	4,180.84	59.63	3,810.58	0.64	-160.48	530.06	0.04
SCA P&G Cogen 1	2021	4	3,658.44	52.95	3,287.33	0.61	-142.49	512.96	0.03
SCA P&G Cogen 1	2021	5	4,185.63	62.82	3,823.98	0.61	-169.06	530.06	0.04
SCA P&G Cogen 1	2021	6	4,114.24	62.21	3,768.06	0.59	-167.42	512.96	0.04
SCA P&G Cogen 1	2021	7	4,270.87	64.29	3,913.15	0.61	-173.00	530.06	0.04
SCA P&G Cogen 1	2021	8	4,556.01	67.95	4,208.13	0.62	-182.85	530.06	0.04
SCA P&G Cogen 1	2021	9	4,506.97	65.40	4,169.34	0.62	-176.00	512.96	0.04
SCA P&G Cogen 1	2021	10	4,241.27	58.31	3,867.42	0.67	-156.92	530.06	0.04
SCA P&G Cogen 1	2021	11	4,335.77	57.21	3,976.03	0.68	-153.94	512.96	0.04
SCA P&G Cogen 1	2021	12	5,001.08	63.05	4,639.90	0.74	-169.66	530.06	0.04
Slab Creek	2021		11.05	1.32	11.05	0.00	0.00	0.00	0.00
Slab Creek	2021	1	0.63	0.07	0.63	0.00	0.00	0.00	0.00
Slab Creek	2021	2	0.56	0.07	0.56	0.00	0.00	0.00	0.00
Slab Creek	2021	3	0.63	0.07	0.63	0.00	0.00	0.00	0.00
Slab Creek	2021	4	0.60	0.07	0.60	0.00	0.00	0.00	0.00
Slab Creek	2021	5	0.63	0.07	0.63	0.00	0.00	0.00	0.00
Slab Creek	2021	6	1.21	0.14	1.21	0.00	0.00	0.00	0.00
Slab Creek	2021	7	1.25	0.15	1.25	0.00	0.00	0.00	0.00
Slab Creek	2021	8	1.25	0.15	1.25	0.00	0.00	0.00	0.00
Slab Creek	2021	9	1.21	0.14	1.21	0.00	0.00	0.00	0.00
Slab Creek	2021	10	1.25	0.15	1.25	0.00	0.00	0.00	0.00
Slab Creek	2021	11	1.21	0.14	1.21	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Slab Creek	2021	12	0.63	0.07	0.63	0.00	0.00	0.00	0.00
SMUD PV 1	2021		234.71	58.03	0.00	0.00	102.00	132.70	0.00
SMUD PV 1	2021	1	11.49	0.12	0.00	0.00	0.22	11.27	0.00
SMUD PV 1	2021	2	11.12	0.54	0.00	0.00	0.94	10.18	0.00
SMUD PV 1	2021	3	14.71	1.96	0.00	0.00	3.44	11.27	0.00
SMUD PV 1	2021	4	17.97	4.02	0.00	0.00	7.07	10.91	0.00
SMUD PV 1	2021	5	21.03	5.56	0.00	0.00	9.76	11.27	0.00
SMUD PV 1	2021	6	30.99	11.42	0.00	0.00	20.08	10.91	0.00
SMUD PV 1	2021	7	31.13	11.30	0.00	0.00	19.86	11.27	0.00
SMUD PV 1	2021	8	29.88	10.59	0.00	0.00	18.61	11.27	0.00
SMUD PV 1	2021	9	27.23	9.29	0.00	0.00	16.33	10.91	0.00
SMUD PV 1	2021	10	15.54	2.43	0.00	0.00	4.27	11.27	0.00
SMUD PV 1	2021	11	12.09	0.67	0.00	0.00	1.18	10.91	0.00
SMUD PV 1	2021	12	11.51	0.14	0.00	0.00	0.24	11.27	0.00
SMUD Solano Wi 2	2021		967.93	286.05	0.00	0.00	0.00	967.93	0.00
SMUD Solano Wi 2	2021	1	82.21	2.49	0.00	0.00	0.00	82.21	0.00
SMUD Solano Wi 2	2021	2	74.25	3.69	0.00	0.00	0.00	74.25	0.00
SMUD Solano Wi 2	2021	3	82.21	15.02	0.00	0.00	0.00	82.21	0.00
SMUD Solano Wi 2	2021	4	79.56	21.35	0.00	0.00	0.00	79.56	0.00
SMUD Solano Wi 2	2021	5	82.21	32.80	0.00	0.00	0.00	82.21	0.00
SMUD Solano Wi 2	2021	6	79.56	47.65	0.00	0.00	0.00	79.56	0.00
SMUD Solano Wi 2	2021	7	82.21	47.95	0.00	0.00	0.00	82.21	0.00
SMUD Solano Wi 2	2021	8	82.21	46.41	0.00	0.00	0.00	82.21	0.00
SMUD Solano Wi 2	2021	9	79.56	35.23	0.00	0.00	0.00	79.56	0.00
SMUD Solano Wi 2	2021	10	82.21	21.06	0.00	0.00	0.00	82.21	0.00
SMUD Solano Wi 2	2021	11	79.56	6.39	0.00	0.00	0.00	79.56	0.00
SMUD Solano Wi 2	2021	12	82.21	6.00	0.00	0.00	0.00	82.21	0.00
Snohomish	2021		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2021		72,460.45	1,132.78	68,571.53	6.27	-1,465.52	5,347.48	0.70
SPA Campbell C 1	2021	1	5,987.00	86.61	5,644.26	0.57	-112.05	454.17	0.05
SPA Campbell C 1	2021	2	4,869.84	73.38	4,554.02	0.49	-94.94	410.22	0.05
SPA Campbell C 1	2021	3	5,555.76	87.40	5,214.09	0.52	-113.08	454.17	0.05
SPA Campbell C 1	2021	4	5,147.48	83.08	4,814.90	0.49	-107.48	439.52	0.05
SPA Campbell C 1	2021	5	6,025.63	100.32	5,700.68	0.50	-129.79	454.17	0.06
SPA Campbell C 1	2021	6	5,887.14	98.59	5,574.63	0.48	-127.55	439.52	0.06
SPA Campbell C 1	2021	7	6,198.76	103.44	5,877.85	0.50	-133.82	454.17	0.06
SPA Campbell C 1	2021	8	6,587.55	108.50	6,273.18	0.51	-140.37	454.17	0.07
SPA Campbell C 1	2021	9	6,531.32	104.63	6,226.59	0.51	-135.36	439.52	0.06
SPA Campbell C 1	2021	10	6,374.30	97.64	6,045.86	0.54	-126.33	454.17	0.06
SPA Campbell C 1	2021	11	6,322.90	92.51	6,002.45	0.55	-119.68	439.52	0.06
SPA Campbell C 1	2021	12	6,972.76	96.69	6,643.02	0.60	-125.09	454.17	0.06
Union Valley	2021		993.72	118.30	993.72	0.00	0.00	0.00	0.00
Union Valley	2021	1	52.08	6.20	52.08	0.00	0.00	0.00	0.00
Union Valley	2021	2	63.00	7.50	63.00	0.00	0.00	0.00	0.00
Union Valley	2021	3	87.36	10.40	87.36	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Union Valley	2021	4	82.32	9.80	82.32	0.00	0.00	0.00	0.00
Union Valley	2021	5	105.84	12.60	105.84	0.00	0.00	0.00	0.00
Union Valley	2021	6	109.20	13.00	109.20	0.00	0.00	0.00	0.00
Union Valley	2021	7	109.20	13.00	109.20	0.00	0.00	0.00	0.00
Union Valley	2021	8	126.00	15.00	126.00	0.00	0.00	0.00	0.00
Union Valley	2021	9	107.52	12.80	107.52	0.00	0.00	0.00	0.00
Union Valley	2021	10	41.16	4.90	41.16	0.00	0.00	0.00	0.00
Union Valley	2021	11	46.20	5.50	46.20	0.00	0.00	0.00	0.00
Union Valley	2021	12	63.84	7.60	63.84	0.00	0.00	0.00	0.00
WAPA 1	2021		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2021	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2021		7,593.14	903.95	7,593.14	0.00	0.00	0.00	0.00
WAPA 2	2021	1	474.34	56.47	474.34	0.00	0.00	0.00	0.00
WAPA 2	2021	2	497.31	59.20	497.31	0.00	0.00	0.00	0.00
WAPA 2	2021	3	509.34	60.64	509.34	0.00	0.00	0.00	0.00
WAPA 2	2021	4	559.44	66.60	559.44	0.00	0.00	0.00	0.00
WAPA 2	2021	5	761.20	90.62	761.20	0.00	0.00	0.00	0.00
WAPA 2	2021	6	843.70	100.44	843.70	0.00	0.00	0.00	0.00
WAPA 2	2021	7	1,092.43	130.05	1,092.43	0.00	0.00	0.00	0.00
WAPA 2	2021	8	877.44	104.46	877.44	0.00	0.00	0.00	0.00
WAPA 2	2021	9	697.94	83.09	697.94	0.00	0.00	0.00	0.00
WAPA 2	2021	10	486.22	57.88	486.22	0.00	0.00	0.00	0.00
WAPA 2	2021	11	353.81	42.12	353.81	0.00	0.00	0.00	0.00
WAPA 2	2021	12	439.97	52.38	439.97	0.00	0.00	0.00	0.00
White Rock	2021		4,581.36	545.40	4,581.36	0.00	0.00	0.00	0.00
White Rock	2021	1	360.36	42.90	360.36	0.00	0.00	0.00	0.00
White Rock	2021	2	393.96	46.90	393.96	0.00	0.00	0.00	0.00
White Rock	2021	3	578.76	68.90	578.76	0.00	0.00	0.00	0.00
White Rock	2021	4	602.28	71.70	602.28	0.00	0.00	0.00	0.00
White Rock	2021	5	694.68	82.70	694.68	0.00	0.00	0.00	0.00
White Rock	2021	6	524.16	62.40	524.16	0.00	0.00	0.00	0.00
White Rock	2021	7	344.40	41.00	344.40	0.00	0.00	0.00	0.00
White Rock	2021	8	291.48	34.70	291.48	0.00	0.00	0.00	0.00
White Rock	2021	9	255.36	30.40	255.36	0.00	0.00	0.00	0.00
White Rock	2021	10	143.64	17.10	143.64	0.00	0.00	0.00	0.00
White Rock	2021	11	145.32	17.30	145.32	0.00	0.00	0.00	0.00
White Rock	2021	12	246.96	29.40	246.96	0.00	0.00	0.00	0.00
Camino	2022		3,120.08	362.80	3,120.08	0.00	0.00	0.00	0.00
Camino	2022	1	207.26	24.10	207.26	0.00	0.00	0.00	0.00
Camino	2022	2	255.42	29.70	255.42	0.00	0.00	0.00	0.00
Camino	2022	3	343.14	39.90	343.14	0.00	0.00	0.00	0.00
Camino	2022	4	288.96	33.60	288.96	0.00	0.00	0.00	0.00
Camino	2022	5	292.40	34.00	292.40	0.00	0.00	0.00	0.00
Camino	2022	6	284.66	33.10	284.66	0.00	0.00	0.00	0.00
Camino	2022	7	285.52	33.20	285.52	0.00	0.00	0.00	0.00
Camino	2022	8	334.54	38.90	334.54	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Camino	2022	9	298.42	34.70	298.42	0.00	0.00	0.00	0.00
Camino	2022	10	153.94	17.90	153.94	0.00	0.00	0.00	0.00
Camino	2022	11	155.66	18.10	155.66	0.00	0.00	0.00	0.00
Camino	2022	12	220.16	25.60	220.16	0.00	0.00	0.00	0.00
Camp Far West	2022		181.36	21.09	181.36	0.00	0.00	0.00	0.00
Camp Far West	2022	1	14.72	1.71	14.72	0.00	0.00	0.00	0.00
Camp Far West	2022	2	23.69	2.76	23.69	0.00	0.00	0.00	0.00
Camp Far West	2022	3	25.59	2.98	25.59	0.00	0.00	0.00	0.00
Camp Far West	2022	4	21.05	2.45	21.05	0.00	0.00	0.00	0.00
Camp Far West	2022	5	24.31	2.83	24.31	0.00	0.00	0.00	0.00
Camp Far West	2022	6	23.53	2.74	23.53	0.00	0.00	0.00	0.00
Camp Far West	2022	7	19.20	2.23	19.20	0.00	0.00	0.00	0.00
Camp Far West	2022	8	16.64	1.93	16.64	0.00	0.00	0.00	0.00
Camp Far West	2022	9	2.48	0.29	2.48	0.00	0.00	0.00	0.00
Camp Far West	2022	10	1.28	0.15	1.28	0.00	0.00	0.00	0.00
Camp Far West	2022	11	2.48	0.29	2.48	0.00	0.00	0.00	0.00
Camp Far West	2022	12	6.40	0.74	6.40	0.00	0.00	0.00	0.00
Carson Ice CGCC	2022		28,746.74	395.71	25,701.19	1.88	784.21	2,259.21	0.25
Carson Ice CGCC	2022	1	2,458.27	31.50	2,203.78	0.17	62.42	191.88	0.02
Carson Ice CGCC	2022	2	2,061.67	27.41	1,833.88	0.15	54.32	173.31	0.02
Carson Ice CGCC	2022	3	2,300.68	31.94	2,045.34	0.16	63.29	191.88	0.02
Carson Ice CGCC	2022	4	2,185.95	31.17	1,938.33	0.15	61.76	185.69	0.02
Carson Ice CGCC	2022	5	2,364.21	34.53	2,103.73	0.15	68.43	191.88	0.02
Carson Ice CGCC	2022	6	2,243.71	32.82	1,992.83	0.14	65.03	185.69	0.02
Carson Ice CGCC	2022	7	2,354.05	34.35	2,093.92	0.15	68.08	191.88	0.02
Carson Ice CGCC	2022	8	2,472.61	35.77	2,209.67	0.15	70.89	191.88	0.02
Carson Ice CGCC	2022	9	2,490.69	35.22	2,235.04	0.15	69.79	185.69	0.02
Carson Ice CGCC	2022	10	2,482.19	33.45	2,223.83	0.16	66.30	191.88	0.02
Carson Ice CGCC	2022	11	2,570.05	33.48	2,317.83	0.17	66.35	185.69	0.02
Carson Ice CGCC	2022	12	2,762.64	34.09	2,503.00	0.18	67.56	191.88	0.02
Carson Ice CGGT	2022		9,174.62	90.18	7,033.66	125.91	389.94	1,625.05	0.07
Carson Ice CGGT	2022	1	138.02	0.00	0.00	0.00	0.00	138.02	0.00
Carson Ice CGGT	2022	2	124.66	0.00	0.00	0.00	0.00	124.66	0.00
Carson Ice CGGT	2022	3	138.02	0.00	0.00	0.00	0.00	138.02	0.00
Carson Ice CGGT	2022	4	202.33	0.86	64.87	0.19	3.71	133.57	0.00
Carson Ice CGGT	2022	5	1,000.60	10.81	802.00	13.85	46.72	138.02	0.01
Carson Ice CGGT	2022	6	1,128.56	12.51	924.26	16.62	54.11	133.57	0.01
Carson Ice CGGT	2022	7	1,355.27	15.23	1,130.69	20.67	65.87	138.02	0.01
Carson Ice CGGT	2022	8	1,403.31	15.59	1,176.85	21.03	67.40	138.02	0.01
Carson Ice CGGT	2022	9	1,307.24	14.06	1,091.95	20.94	60.78	133.57	0.01
Carson Ice CGGT	2022	10	198.53	0.71	57.23	0.21	3.06	138.02	0.00
Carson Ice CGGT	2022	11	969.95	9.26	784.81	11.53	40.03	133.57	0.01
Carson Ice CGGT	2022	12	1,208.13	11.16	1,000.99	20.86	48.25	138.02	0.01
CDWR_Ex_6x16OnPI	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPI	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2022		73,706.64	961.15	73,706.64	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
CNP15_Markets p	2022	1	15,264.17	199.51	15,264.17	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	2	11,264.14	157.41	11,264.14	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	3	5,223.63	71.66	5,223.63	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	4	4,122.32	60.62	4,122.32	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	5	1,357.07	21.96	1,357.07	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	6	1,344.21	19.30	1,344.21	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	7	1,202.51	16.87	1,202.51	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	8	594.94	7.27	594.94	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	9	1,341.16	18.39	1,341.16	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	10	10,006.81	123.41	10,006.81	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	11	8,752.05	105.23	8,752.05	0.00	0.00	0.00	0.00
CNP15_Markets p	2022	12	13,233.64	159.53	13,233.64	0.00	0.00	0.00	0.00
CNP15_Markets s	2022		-229,947.14	-2,420.86	-229,947.14	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	1	-7,695.93	-76.36	-7,695.93	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	2	-381.21	-5.82	-381.21	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	3	-3,978.13	-52.40	-3,978.13	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	4	-6,459.46	-80.59	-6,459.46	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	5	-21,219.12	-240.48	-21,219.12	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	6	-28,123.58	-314.44	-28,123.58	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	7	-39,428.14	-408.41	-39,428.14	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	8	-43,070.48	-434.08	-43,070.48	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	9	-33,596.50	-355.77	-33,596.50	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	10	-7,325.71	-88.86	-7,325.71	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	11	-16,522.40	-161.41	-16,522.40	0.00	0.00	0.00	0.00
CNP15_Markets s	2022	12	-22,146.48	-202.22	-22,146.48	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2022		116,554.85	1,947.61	106,600.44	19.85	7,594.02	2,339.49	1.05
Cosumnes SMUD 1a	2022	1	9,926.85	155.11	9,121.46	1.81	604.80	198.70	0.08
Cosumnes SMUD 1a	2022	2	8,756.90	143.10	8,017.83	1.56	557.97	179.47	0.08
Cosumnes SMUD 1a	2022	3	9,378.42	158.88	8,558.50	1.66	619.48	198.70	0.09
Cosumnes SMUD 1a	2022	4	8,811.30	153.10	8,020.43	1.56	596.94	192.29	0.08
Cosumnes SMUD 1a	2022	5	9,734.13	171.95	8,863.29	1.58	670.47	198.70	0.09
Cosumnes SMUD 1a	2022	6	8,992.70	159.96	8,175.08	1.52	623.72	192.29	0.09
Cosumnes SMUD 1a	2022	7	9,815.44	173.67	8,937.90	1.58	677.18	198.70	0.09
Cosumnes SMUD 1a	2022	8	10,112.08	176.59	9,223.14	1.61	688.55	198.70	0.10
Cosumnes SMUD 1a	2022	9	10,022.77	170.46	9,164.13	1.60	664.67	192.29	0.09
Cosumnes SMUD 1a	2022	10	10,294.06	168.84	9,435.22	1.72	658.33	198.70	0.09
Cosumnes SMUD 1a	2022	11	9,811.89	153.75	9,018.28	1.75	599.49	192.29	0.08
Cosumnes SMUD 1a	2022	12	10,898.32	162.20	10,065.19	1.91	632.43	198.70	0.09
Cosumnes SMUD 1b	2022		116,688.81	1,949.72	106,726.17	19.85	7,602.24	2,339.49	1.05
Cosumnes SMUD 1b	2022	1	10,129.17	158.32	9,311.26	1.81	617.32	198.70	0.09
Cosumnes SMUD 1b	2022	2	8,468.12	138.30	7,747.77	1.56	539.25	179.47	0.07
Cosumnes SMUD 1b	2022	3	9,378.42	158.88	8,558.50	1.66	619.48	198.70	0.09
Cosumnes SMUD 1b	2022	4	8,785.73	152.57	7,996.92	1.56	594.88	192.29	0.08
Cosumnes SMUD 1b	2022	5	9,360.08	164.96	8,516.50	1.58	643.22	198.70	0.09
Cosumnes SMUD 1b	2022	6	9,560.75	170.25	8,703.02	1.52	663.83	192.29	0.09
Cosumnes SMUD 1b	2022	7	9,807.00	173.49	8,930.17	1.58	676.46	198.70	0.09
Cosumnes SMUD 1b	2022	8	10,112.08	176.59	9,223.14	1.61	688.55	198.70	0.10
Cosumnes SMUD 1b	2022	9	10,022.77	170.46	9,164.13	1.60	664.67	192.29	0.09
Cosumnes SMUD 1b	2022	10	10,555.44	173.17	9,679.73	1.72	675.20	198.70	0.09
Cosumnes SMUD 1b	2022	11	9,610.92	150.54	8,829.84	1.75	586.96	192.29	0.08
Cosumnes SMUD 1b	2022	12	10,898.32	162.20	10,065.19	1.91	632.43	198.70	0.09
Cosumnes SMUD 2a	2022		115,848.79	1,934.03	105,919.92	47.25	7,541.08	2,339.49	1.05
Cosumnes SMUD 2a	2022	1	10,129.89	158.34	9,311.92	1.81	617.37	198.70	0.09
Cosumnes SMUD 2a	2022	2	8,756.90	143.10	8,017.83	1.56	557.97	179.47	0.08
Cosumnes SMUD 2a	2022	3	9,356.25	158.43	8,538.06	1.66	617.75	198.70	0.09
Cosumnes SMUD 2a	2022	4	8,806.85	153.00	8,016.35	1.56	596.57	192.29	0.08
Cosumnes SMUD 2a	2022	5	8,874.39	155.78	8,039.24	28.98	607.39	198.70	0.08

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 4a	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2022		9,866.76	98.96	7,379.12	50.01	1,494.04	943.59	0.00
G1nGT SMUD 33	2022	1	409.25	3.37	273.78	4.52	50.81	80.14	0.00
G1nGT SMUD 33	2022	2	79.82	0.08	6.20	0.03	1.21	72.39	0.00
G1nGT SMUD 33	2022	3	168.41	0.97	72.63	0.93	14.71	80.14	0.00
G1nGT SMUD 33	2022	4	323.22	2.79	201.84	1.77	42.06	77.56	0.00
G1nGT SMUD 33	2022	5	888.84	9.34	664.00	3.62	141.08	80.14	0.00
G1nGT SMUD 33	2022	6	1,108.38	11.95	845.14	5.24	180.45	77.56	0.00
G1nGT SMUD 33	2022	7	1,573.61	17.27	1,227.30	5.42	260.76	80.14	0.00
G1nGT SMUD 33	2022	8	1,652.73	17.94	1,296.38	5.42	270.78	80.14	0.00
G1nGT SMUD 33	2022	9	1,428.66	15.04	1,118.75	5.24	227.11	77.56	0.00
G1nGT SMUD 33	2022	10	369.40	3.10	239.74	2.73	46.80	80.14	0.00
G1nGT SMUD 33	2022	11	814.78	7.59	615.72	6.98	114.53	77.56	0.00
G1nGT SMUD 33	2022	12	1,049.65	9.52	817.65	8.11	143.75	80.14	0.00
GenGT SMUD 1	2022		13,250.90	135.38	10,192.62	70.80	2,043.90	943.59	0.00
GenGT SMUD 1	2022	1	991.89	9.39	763.69	6.32	141.74	80.14	0.00
GenGT SMUD 1	2022	2	496.67	4.52	350.34	5.70	68.24	72.39	0.00
GenGT SMUD 1	2022	3	571.68	5.40	402.76	7.21	81.57	80.14	0.00
GenGT SMUD 1	2022	4	463.51	4.33	313.62	6.98	65.35	77.56	0.00
GenGT SMUD 1	2022	5	1,104.30	11.82	840.23	5.42	178.52	80.14	0.00
GenGT SMUD 1	2022	6	1,380.96	15.13	1,069.75	5.24	228.40	77.56	0.00
GenGT SMUD 1	2022	7	1,715.68	18.91	1,343.74	6.32	285.49	80.14	0.00
GenGT SMUD 1	2022	8	1,691.42	18.38	1,328.39	5.42	277.47	80.14	0.00
GenGT SMUD 1	2022	9	1,552.23	16.41	1,220.75	6.11	247.81	77.56	0.00
GenGT SMUD 1	2022	10	728.22	6.95	537.69	5.42	104.97	80.14	0.00
GenGT SMUD 1	2022	11	1,118.35	10.76	873.14	5.24	162.41	77.56	0.00
GenGT SMUD 1	2022	12	1,435.99	13.37	1,148.51	5.42	201.92	80.14	0.00
GenGT SMUD 10	2022		12,821.48	130.62	9,836.11	69.78	1,971.99	943.59	0.00
GenGT SMUD 10	2022	1	919.29	8.64	702.45	6.32	130.38	80.14	0.00
GenGT SMUD 10	2022	2	427.91	3.76	291.43	7.32	56.77	72.39	0.00
GenGT SMUD 10	2022	3	567.71	5.36	399.46	7.21	80.90	80.14	0.00
GenGT SMUD 10	2022	4	419.63	3.86	279.46	4.37	58.23	77.56	0.00
GenGT SMUD 10	2022	5	1,091.96	11.69	830.79	4.52	176.51	80.14	0.00
GenGT SMUD 10	2022	6	1,267.82	13.80	975.81	6.11	208.35	77.56	0.00
GenGT SMUD 10	2022	7	1,669.00	18.38	1,305.97	5.42	277.47	80.14	0.00
GenGT SMUD 10	2022	8	1,688.45	18.33	1,325.19	6.32	276.80	80.14	0.00
GenGT SMUD 10	2022	9	1,540.73	16.29	1,211.19	6.11	245.87	77.56	0.00
GenGT SMUD 10	2022	10	629.08	5.89	455.50	4.52	88.92	80.14	0.00
GenGT SMUD 10	2022	11	1,225.62	11.87	963.59	5.24	179.23	77.56	0.00
GenGT SMUD 10	2022	12	1,374.28	12.75	1,095.27	6.32	192.56	80.14	0.00
GenGT SMUD 11	2022		12,816.30	130.52	9,832.17	70.01	1,970.52	943.59	0.00
GenGT SMUD 11	2022	1	950.98	8.95	727.67	8.11	135.06	80.14	0.00
GenGT SMUD 11	2022	2	396.65	3.44	266.63	5.70	51.94	72.39	0.00
GenGT SMUD 11	2022	3	500.22	4.61	343.33	7.21	69.53	80.14	0.00
GenGT SMUD 11	2022	4	478.80	4.54	329.15	3.51	68.59	77.56	0.00
GenGT SMUD 11	2022	5	1,042.36	11.12	789.88	4.52	167.82	80.14	0.00
GenGT SMUD 11	2022	6	1,230.18	13.37	945.50	5.24	201.88	77.56	0.00
GenGT SMUD 11	2022	7	1,692.79	18.64	1,324.85	6.32	281.48	80.14	0.00
GenGT SMUD 11	2022	8	1,688.45	18.33	1,325.19	6.32	276.80	80.14	0.00
GenGT SMUD 11	2022	9	1,589.71	16.84	1,252.62	5.24	254.29	77.56	0.00
GenGT SMUD 11	2022	10	683.19	6.47	500.02	5.42	97.62	80.14	0.00
GenGT SMUD 11	2022	11	1,143.97	11.01	894.01	6.11	166.29	77.56	0.00
GenGT SMUD 11	2022	12	1,419.00	13.20	1,133.30	6.32	199.24	80.14	0.00
GenGT SMUD 12	2022		12,432.79	126.50	9,509.50	69.87	1,909.83	943.59	0.00
GenGT SMUD 12	2022	1	835.66	7.75	630.41	8.11	117.01	80.14	0.00
GenGT SMUD 12	2022	2	420.50	3.68	285.23	7.32	55.56	72.39	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 12	2022	3	475.51	4.34	323.53	6.32	65.52	80.14	0.00
GenGT SMUD 12	2022	4	459.17	4.33	313.62	2.64	65.35	77.56	0.00
GenGT SMUD 12	2022	5	996.57	10.58	752.11	4.52	159.80	80.14	0.00
GenGT SMUD 12	2022	6	1,203.57	13.07	924.29	4.37	197.35	77.56	0.00
GenGT SMUD 12	2022	7	1,726.23	19.04	1,353.18	5.42	287.50	80.14	0.00
GenGT SMUD 12	2022	8	1,741.73	18.95	1,370.01	5.42	286.16	80.14	0.00
GenGT SMUD 12	2022	9	1,559.03	16.50	1,227.12	5.24	249.11	77.56	0.00
GenGT SMUD 12	2022	10	572.67	5.27	407.55	5.42	79.56	80.14	0.00
GenGT SMUD 12	2022	11	1,124.21	10.80	876.62	6.98	163.05	77.56	0.00
GenGT SMUD 12	2022	12	1,317.95	12.18	1,045.83	8.11	183.87	80.14	0.00
GenGT SMUD 13	2022		12,161.28	123.51	9,282.12	70.85	1,864.71	943.59	0.00
GenGT SMUD 13	2022	1	823.75	7.62	619.60	9.01	115.00	80.14	0.00
GenGT SMUD 13	2022	2	356.72	3.00	232.53	6.51	45.29	72.39	0.00
GenGT SMUD 13	2022	3	435.81	3.90	290.51	6.32	58.84	80.14	0.00
GenGT SMUD 13	2022	4	361.61	3.21	232.89	2.64	48.53	77.56	0.00
GenGT SMUD 13	2022	5	1,026.20	10.94	777.29	3.62	165.15	80.14	0.00
GenGT SMUD 13	2022	6	1,266.95	13.80	975.81	5.24	208.35	77.56	0.00
GenGT SMUD 13	2022	7	1,749.13	19.31	1,372.06	5.42	291.51	80.14	0.00
GenGT SMUD 13	2022	8	1,661.36	18.02	1,302.79	6.32	272.12	80.14	0.00
GenGT SMUD 13	2022	9	1,440.17	15.17	1,128.32	5.24	229.05	77.56	0.00
GenGT SMUD 13	2022	10	662.73	6.24	482.90	5.42	94.27	80.14	0.00
GenGT SMUD 13	2022	11	1,049.08	10.03	814.01	6.11	151.41	77.56	0.00
GenGT SMUD 13	2022	12	1,327.79	12.27	1,053.44	9.01	185.20	80.14	0.00
GenGT SMUD 14	2022		11,867.60	120.36	9,036.88	69.93	1,817.20	943.59	0.00
GenGT SMUD 14	2022	1	943.33	8.86	720.47	9.01	133.72	80.14	0.00
GenGT SMUD 14	2022	2	334.49	2.76	213.92	6.51	41.67	72.39	0.00
GenGT SMUD 14	2022	3	414.16	3.68	274.01	4.52	55.49	80.14	0.00
GenGT SMUD 14	2022	4	373.73	3.34	242.20	3.51	50.47	77.56	0.00
GenGT SMUD 14	2022	5	1,007.12	10.72	761.55	3.62	161.80	80.14	0.00
GenGT SMUD 14	2022	6	1,208.98	13.11	927.32	6.11	197.99	77.56	0.00
GenGT SMUD 14	2022	7	1,722.42	19.00	1,350.03	5.42	286.83	80.14	0.00
GenGT SMUD 14	2022	8	1,660.47	18.02	1,302.79	5.42	272.12	80.14	0.00
GenGT SMUD 14	2022	9	1,420.99	14.96	1,112.38	5.24	225.82	77.56	0.00
GenGT SMUD 14	2022	10	638.17	5.98	462.35	5.42	90.26	80.14	0.00
GenGT SMUD 14	2022	11	949.19	9.00	730.52	5.24	135.88	77.56	0.00
GenGT SMUD 14	2022	12	1,194.54	10.94	939.35	9.90	165.15	80.14	0.00
GenGT SMUD 15	2022		11,672.25	118.23	8,870.35	73.37	1,784.93	943.59	0.00
GenGT SMUD 15	2022	1	846.68	7.88	641.21	6.32	119.01	80.14	0.00
GenGT SMUD 15	2022	2	279.74	2.16	167.42	7.32	32.61	72.39	0.00
GenGT SMUD 15	2022	3	347.57	2.92	217.89	5.42	44.13	80.14	0.00
GenGT SMUD 15	2022	4	400.00	3.64	263.94	3.51	55.00	77.56	0.00
GenGT SMUD 15	2022	5	999.49	10.63	755.26	3.62	160.46	80.14	0.00
GenGT SMUD 15	2022	6	1,190.59	12.90	912.17	6.11	194.76	77.56	0.00
GenGT SMUD 15	2022	7	1,662.27	18.29	1,299.68	6.32	276.13	80.14	0.00
GenGT SMUD 15	2022	8	1,680.71	18.25	1,318.79	6.32	275.46	80.14	0.00
GenGT SMUD 15	2022	9	1,528.36	16.16	1,201.62	5.24	243.93	77.56	0.00
GenGT SMUD 15	2022	10	535.83	4.87	376.73	5.42	73.55	80.14	0.00
GenGT SMUD 15	2022	11	1,045.82	9.99	810.53	6.98	150.76	77.56	0.00
GenGT SMUD 15	2022	12	1,155.19	10.54	905.12	10.80	159.13	80.14	0.00
GenGT SMUD 16	2022		11,234.81	113.54	8,508.03	69.00	1,714.19	943.59	0.00
GenGT SMUD 16	2022	1	779.24	7.17	583.58	7.21	108.31	80.14	0.00
GenGT SMUD 16	2022	2	241.89	1.76	136.41	6.51	26.57	72.39	0.00
GenGT SMUD 16	2022	3	310.05	2.52	188.17	3.62	38.11	80.14	0.00
GenGT SMUD 16	2022	4	403.75	3.69	267.04	3.51	55.65	77.56	0.00
GenGT SMUD 16	2022	5	904.10	9.52	676.59	3.62	143.75	80.14	0.00
GenGT SMUD 16	2022	6	1,204.44	13.07	924.29	5.24	197.35	77.56	0.00
GenGT SMUD 16	2022	7	1,623.21	17.85	1,268.21	5.42	269.45	80.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 16	2022	8	1,737.86	18.91	1,366.81	5.42	285.49	80.14	0.00
GenGT SMUD 16	2022	9	1,432.50	15.09	1,121.94	5.24	227.76	77.56	0.00
GenGT SMUD 16	2022	10	512.17	4.61	356.18	6.32	69.53	80.14	0.00
GenGT SMUD 16	2022	11	971.56	9.21	747.91	6.98	139.11	77.56	0.00
GenGT SMUD 16	2022	12	1,114.05	10.14	870.89	9.90	153.11	80.14	0.00
GenGT SMUD 17	2022		11,026.79	111.37	8,338.06	63.73	1,681.41	943.59	0.00
GenGT SMUD 17	2022	1	753.62	6.91	561.96	7.21	104.30	80.14	0.00
GenGT SMUD 17	2022	2	218.85	1.52	117.81	5.70	22.95	72.39	0.00
GenGT SMUD 17	2022	3	252.68	1.90	141.96	1.83	28.75	80.14	0.00
GenGT SMUD 17	2022	4	334.48	2.91	211.15	1.77	44.00	77.56	0.00
GenGT SMUD 17	2022	5	976.60	10.36	736.38	3.62	156.45	80.14	0.00
GenGT SMUD 17	2022	6	1,168.53	12.64	893.99	6.11	190.88	77.56	0.00
GenGT SMUD 17	2022	7	1,600.32	17.58	1,249.33	5.42	265.44	80.14	0.00
GenGT SMUD 17	2022	8	1,733.99	18.87	1,363.60	5.42	284.83	80.14	0.00
GenGT SMUD 17	2022	9	1,524.52	16.11	1,198.44	5.24	243.29	77.56	0.00
GenGT SMUD 17	2022	10	428.51	3.72	287.68	4.52	56.16	80.14	0.00
GenGT SMUD 17	2022	11	938.55	8.87	720.08	6.98	133.94	77.56	0.00
GenGT SMUD 17	2022	12	1,096.16	9.96	855.68	9.90	150.44	80.14	0.00
GenGT SMUD 18	2022		11,197.04	113.25	8,480.02	63.70	1,709.73	943.59	0.00
GenGT SMUD 18	2022	1	731.37	6.69	543.95	6.32	100.96	80.14	0.00
GenGT SMUD 18	2022	2	237.37	1.72	133.31	5.70	25.97	72.39	0.00
GenGT SMUD 18	2022	3	252.68	1.90	141.96	1.83	28.75	80.14	0.00
GenGT SMUD 18	2022	4	417.89	3.86	279.46	2.64	58.23	77.56	0.00
GenGT SMUD 18	2022	5	972.78	10.32	733.23	3.62	155.78	80.14	0.00
GenGT SMUD 18	2022	6	1,186.92	12.86	909.14	6.11	194.11	77.56	0.00
GenGT SMUD 18	2022	7	1,691.89	18.64	1,324.85	5.42	281.48	80.14	0.00
GenGT SMUD 18	2022	8	1,675.95	18.20	1,315.59	5.42	274.80	80.14	0.00
GenGT SMUD 18	2022	9	1,467.01	15.47	1,150.63	5.24	233.58	77.56	0.00
GenGT SMUD 18	2022	10	485.81	4.34	335.63	4.52	65.52	80.14	0.00
GenGT SMUD 18	2022	11	909.67	8.57	695.73	6.98	129.41	77.56	0.00
GenGT SMUD 18	2022	12	1,167.71	10.67	916.53	9.90	161.13	80.14	0.00
GenGT SMUD 19	2022		11,059.88	111.69	8,364.67	65.35	1,686.26	943.59	0.00
GenGT SMUD 19	2022	1	681.01	6.16	500.72	7.21	92.94	80.14	0.00
GenGT SMUD 19	2022	2	208.55	1.40	108.51	6.51	21.14	72.39	0.00
GenGT SMUD 19	2022	3	252.68	1.90	141.96	1.83	28.75	80.14	0.00
GenGT SMUD 19	2022	4	396.25	3.60	260.83	3.51	54.35	77.56	0.00
GenGT SMUD 19	2022	5	926.99	9.79	695.47	3.62	147.76	80.14	0.00
GenGT SMUD 19	2022	6	1,168.53	12.64	893.99	6.11	190.88	77.56	0.00
GenGT SMUD 19	2022	7	1,691.89	18.64	1,324.85	5.42	281.48	80.14	0.00
GenGT SMUD 19	2022	8	1,637.25	17.76	1,283.58	5.42	268.11	80.14	0.00
GenGT SMUD 19	2022	9	1,505.35	15.90	1,182.50	5.24	240.05	77.56	0.00
GenGT SMUD 19	2022	10	453.07	3.99	308.23	4.52	60.17	80.14	0.00
GenGT SMUD 19	2022	11	1,026.06	9.77	793.13	7.85	147.52	77.56	0.00
GenGT SMUD 19	2022	12	1,112.25	10.14	870.89	8.11	153.11	80.14	0.00
GenGT SMUD 2	2022		10,876.83	109.66	8,215.70	61.97	1,655.57	943.59	0.00
GenGT SMUD 2	2022	1	710.91	6.47	525.94	7.21	97.62	80.14	0.00
GenGT SMUD 2	2022	2	188.41	1.20	93.01	4.89	18.12	72.39	0.00
GenGT SMUD 2	2022	3	231.93	1.68	125.45	0.93	25.41	80.14	0.00
GenGT SMUD 2	2022	4	283.68	2.31	167.68	3.51	34.94	77.56	0.00
GenGT SMUD 2	2022	5	885.02	9.30	660.85	3.62	140.41	80.14	0.00
GenGT SMUD 2	2022	6	1,259.60	13.71	969.75	5.24	207.05	77.56	0.00
GenGT SMUD 2	2022	7	1,615.58	17.76	1,261.91	5.42	268.11	80.14	0.00
GenGT SMUD 2	2022	8	1,672.08	18.16	1,312.39	5.42	274.13	80.14	0.00
GenGT SMUD 2	2022	9	1,501.52	15.86	1,179.31	5.24	239.40	77.56	0.00
GenGT SMUD 2	2022	10	411.24	3.54	273.98	3.62	53.49	80.14	0.00
GenGT SMUD 2	2022	11	972.43	9.21	747.91	7.85	139.11	77.56	0.00
GenGT SMUD 2	2022	12	1,144.45	10.45	897.51	9.01	157.79	80.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 20	2022		10,622.74	107.21	8,000.31	60.26	1,618.58	943.59	0.00
GenGT SMUD 20	2022	1	658.76	5.93	482.71	6.32	89.59	80.14	0.00
GenGT SMUD 20	2022	2	154.26	0.84	65.11	4.08	12.68	72.39	0.00
GenGT SMUD 20	2022	3	240.77	1.77	132.05	1.83	26.74	80.14	0.00
GenGT SMUD 20	2022	4	392.49	3.56	257.73	3.51	53.70	77.56	0.00
GenGT SMUD 20	2022	5	907.92	9.57	679.73	3.62	144.42	80.14	0.00
GenGT SMUD 20	2022	6	1,204.44	13.07	924.29	5.24	197.35	77.56	0.00
GenGT SMUD 20	2022	7	1,672.82	18.42	1,309.12	5.42	278.14	80.14	0.00
GenGT SMUD 20	2022	8	1,730.12	18.82	1,360.40	5.42	284.16	80.14	0.00
GenGT SMUD 20	2022	9	1,467.01	15.47	1,150.63	5.24	233.58	77.56	0.00
GenGT SMUD 20	2022	10	304.81	2.39	184.94	3.62	36.10	80.14	0.00
GenGT SMUD 20	2022	11	848.66	7.93	643.55	7.85	119.70	77.56	0.00
GenGT SMUD 20	2022	12	1,040.71	9.43	810.04	8.11	142.41	80.14	0.00
GenGT SMUD 21	2022		10,474.50	105.56	7,877.78	59.48	1,593.65	943.59	0.00
GenGT SMUD 21	2022	1	604.14	5.36	435.88	7.21	80.90	80.14	0.00
GenGT SMUD 21	2022	2	138.63	0.68	52.71	3.27	10.27	72.39	0.00
GenGT SMUD 21	2022	3	209.01	1.42	105.64	1.83	21.40	80.14	0.00
GenGT SMUD 21	2022	4	294.07	2.44	176.99	2.64	36.88	77.56	0.00
GenGT SMUD 21	2022	5	831.61	8.68	616.80	3.62	131.05	80.14	0.00
GenGT SMUD 21	2022	6	1,252.24	13.63	963.69	5.24	205.76	77.56	0.00
GenGT SMUD 21	2022	7	1,691.89	18.64	1,324.85	5.42	281.48	80.14	0.00
GenGT SMUD 21	2022	8	1,672.08	18.16	1,312.39	5.42	274.13	80.14	0.00
GenGT SMUD 21	2022	9	1,524.52	16.11	1,198.44	5.24	243.29	77.56	0.00
GenGT SMUD 21	2022	10	403.05	3.45	267.13	3.62	52.15	80.14	0.00
GenGT SMUD 21	2022	11	799.15	7.41	601.81	7.85	111.94	77.56	0.00
GenGT SMUD 21	2022	12	1,054.12	9.57	821.45	8.11	144.42	80.14	0.00
GenGT SMUD 25	2022		10,292.94	103.57	7,730.40	55.25	1,563.69	943.59	0.00
GenGT SMUD 25	2022	1	656.28	5.89	479.11	8.11	88.92	80.14	0.00
GenGT SMUD 25	2022	2	103.67	0.32	24.80	1.65	4.83	72.39	0.00
GenGT SMUD 25	2022	3	231.93	1.68	125.45	0.93	25.41	80.14	0.00
GenGT SMUD 25	2022	4	266.94	2.14	155.26	1.77	32.35	77.56	0.00
GenGT SMUD 25	2022	5	907.92	9.57	679.73	3.62	144.42	80.14	0.00
GenGT SMUD 25	2022	6	1,192.53	12.94	915.20	4.37	195.40	77.56	0.00
GenGT SMUD 25	2022	7	1,520.20	16.65	1,183.24	5.42	251.39	80.14	0.00
GenGT SMUD 25	2022	8	1,730.12	18.82	1,360.40	5.42	284.16	80.14	0.00
GenGT SMUD 25	2022	9	1,524.52	16.11	1,198.44	5.24	243.29	77.56	0.00
GenGT SMUD 25	2022	10	403.05	3.45	267.13	3.62	52.15	80.14	0.00
GenGT SMUD 25	2022	11	724.02	6.64	539.19	6.98	100.29	77.56	0.00
GenGT SMUD 25	2022	12	1,031.76	9.34	802.44	8.11	141.08	80.14	0.00
GenGT SMUD 26	2022		10,466.53	105.58	7,872.85	56.09	1,593.99	943.59	0.00
GenGT SMUD 26	2022	1	559.63	4.92	399.86	5.42	74.21	80.14	0.00
GenGT SMUD 26	2022	2	92.56	0.20	15.50	1.65	3.02	72.39	0.00
GenGT SMUD 26	2022	3	225.78	1.59	118.85	2.73	24.07	80.14	0.00
GenGT SMUD 26	2022	4	335.34	2.91	211.15	2.64	44.00	77.56	0.00
GenGT SMUD 26	2022	5	907.92	9.57	679.73	3.62	144.42	80.14	0.00
GenGT SMUD 26	2022	6	1,152.95	12.47	881.86	5.24	188.29	77.56	0.00
GenGT SMUD 26	2022	7	1,688.08	18.60	1,321.71	5.42	280.81	80.14	0.00
GenGT SMUD 26	2022	8	1,730.12	18.82	1,360.40	5.42	284.16	80.14	0.00
GenGT SMUD 26	2022	9	1,524.52	16.11	1,198.44	5.24	243.29	77.56	0.00
GenGT SMUD 26	2022	10	398.96	3.41	263.71	3.62	51.48	80.14	0.00
GenGT SMUD 26	2022	11	818.91	7.63	619.20	6.98	115.17	77.56	0.00
GenGT SMUD 26	2022	12	1,031.76	9.34	802.44	8.11	141.08	80.14	0.00
GenGT SMUD 27	2022		9,643.33	96.55	7,191.19	50.82	1,457.73	943.59	0.00
GenGT SMUD 27	2022	1	491.30	4.21	342.22	5.42	63.52	80.14	0.00
GenGT SMUD 27	2022	2	99.97	0.28	21.70	1.65	4.23	72.39	0.00
GenGT SMUD 27	2022	3	121.67	0.44	33.01	1.83	6.69	80.14	0.00
GenGT SMUD 27	2022	4	349.48	3.09	223.57	1.77	46.59	77.56	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 32	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2022		9,818.09	98.45	7,339.92	48.25	1,486.33	943.59	0.00
GenGT SMUD 34	2022	1	426.34	3.54	288.19	4.52	53.49	80.14	0.00
GenGT SMUD 34	2022	2	76.12	0.04	3.10	0.03	0.60	72.39	0.00
GenGT SMUD 34	2022	3	176.35	1.06	79.23	0.93	16.05	80.14	0.00
GenGT SMUD 34	2022	4	247.31	1.93	139.73	0.90	29.12	77.56	0.00
GenGT SMUD 34	2022	5	906.97	9.55	678.95	3.62	144.25	80.14	0.00
GenGT SMUD 34	2022	6	1,167.66	12.64	893.99	5.24	190.88	77.56	0.00
GenGT SMUD 34	2022	7	1,499.90	16.42	1,166.50	5.42	247.84	80.14	0.00
GenGT SMUD 34	2022	8	1,657.87	17.99	1,300.64	5.42	271.67	80.14	0.00
GenGT SMUD 34	2022	9	1,471.03	15.52	1,153.97	5.24	234.26	77.56	0.00
GenGT SMUD 34	2022	10	327.57	2.66	205.49	1.83	40.12	80.14	0.00
GenGT SMUD 34	2022	11	856.04	8.01	650.51	6.98	121.00	77.56	0.00
GenGT SMUD 34	2022	12	1,004.93	9.08	779.62	8.11	137.06	80.14	0.00
GenGT SMUD 35	2022		9,394.42	93.76	6,987.95	47.35	1,415.53	943.59	0.00
GenGT SMUD 35	2022	1	361.37	2.88	234.15	3.62	43.46	80.14	0.00
GenGT SMUD 35	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 35	2022	3	159.57	0.89	66.03	0.03	13.37	80.14	0.00
GenGT SMUD 35	2022	4	323.22	2.79	201.84	1.77	42.06	77.56	0.00
GenGT SMUD 35	2022	5	761.55	7.87	559.02	3.62	118.77	80.14	0.00
GenGT SMUD 35	2022	6	1,167.66	12.64	893.99	5.24	190.88	77.56	0.00
GenGT SMUD 35	2022	7	1,445.41	15.78	1,121.56	5.42	238.29	80.14	0.00
GenGT SMUD 35	2022	8	1,552.67	16.78	1,212.87	6.32	253.34	80.14	0.00
GenGT SMUD 35	2022	9	1,467.01	15.47	1,150.63	5.24	233.58	77.56	0.00
GenGT SMUD 35	2022	10	369.40	3.10	239.74	2.73	46.80	80.14	0.00
GenGT SMUD 35	2022	11	664.52	6.04	490.49	5.24	91.23	77.56	0.00
GenGT SMUD 35	2022	12	1,049.65	9.52	817.65	8.11	143.75	80.14	0.00
GenGT SMUD 36	2022		9,183.28	91.17	6,814.96	48.25	1,376.48	943.59	0.00
GenGT SMUD 36	2022	1	426.34	3.54	288.19	4.52	53.49	80.14	0.00
GenGT SMUD 36	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 36	2022	3	168.41	0.97	72.63	0.93	14.71	80.14	0.00
GenGT SMUD 36	2022	4	247.31	1.93	139.73	0.90	29.12	77.56	0.00
GenGT SMUD 36	2022	5	595.50	5.94	422.07	3.62	89.67	80.14	0.00
GenGT SMUD 36	2022	6	1,149.24	12.43	878.80	5.24	187.63	77.56	0.00
GenGT SMUD 36	2022	7	1,429.39	15.60	1,108.35	5.42	235.48	80.14	0.00
GenGT SMUD 36	2022	8	1,573.87	17.03	1,231.15	5.42	257.16	80.14	0.00
GenGT SMUD 36	2022	9	1,353.89	14.21	1,056.60	5.24	214.49	77.56	0.00
GenGT SMUD 36	2022	10	369.40	3.10	239.74	2.73	46.80	80.14	0.00
GenGT SMUD 36	2022	11	747.90	6.90	560.06	6.11	104.17	77.56	0.00
GenGT SMUD 36	2022	12	1,049.65	9.52	817.65	8.11	143.75	80.14	0.00
GenGT SMUD 37	2022		8,789.56	86.73	6,486.58	50.01	1,309.37	943.59	0.00
GenGT SMUD 37	2022	1	361.37	2.88	234.15	3.62	43.46	80.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 37	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 37	2022	3	164.44	0.93	69.33	0.93	14.04	80.14	0.00
GenGT SMUD 37	2022	4	248.17	1.93	139.73	1.77	29.12	77.56	0.00
GenGT SMUD 37	2022	5	518.73	5.05	358.75	3.62	76.22	80.14	0.00
GenGT SMUD 37	2022	6	1,115.92	12.04	851.35	5.24	181.77	77.56	0.00
GenGT SMUD 37	2022	7	1,364.66	14.84	1,054.22	6.32	223.98	80.14	0.00
GenGT SMUD 37	2022	8	1,437.24	15.46	1,117.39	6.32	233.40	80.14	0.00
GenGT SMUD 37	2022	9	1,359.64	14.27	1,061.38	5.24	215.46	77.56	0.00
GenGT SMUD 37	2022	10	369.40	3.10	239.74	2.73	46.80	80.14	0.00
GenGT SMUD 37	2022	11	772.66	7.16	580.94	6.11	108.05	77.56	0.00
GenGT SMUD 37	2022	12	1,004.93	9.08	779.62	8.11	137.06	80.14	0.00
GenGT SMUD 38	2022		8,461.47	82.94	6,220.21	45.52	1,252.14	943.59	0.00
GenGT SMUD 38	2022	1	382.73	3.10	252.16	3.62	46.80	80.14	0.00
GenGT SMUD 38	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 38	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 38	2022	4	133.87	0.64	46.58	0.03	9.71	77.56	0.00
GenGT SMUD 38	2022	5	426.07	3.97	282.32	3.62	59.98	80.14	0.00
GenGT SMUD 38	2022	6	1,048.29	11.25	795.62	5.24	169.87	77.56	0.00
GenGT SMUD 38	2022	7	1,371.54	14.93	1,060.64	5.42	225.35	80.14	0.00
GenGT SMUD 38	2022	8	1,455.23	15.68	1,133.01	5.42	236.66	80.14	0.00
GenGT SMUD 38	2022	9	1,313.06	13.75	1,022.66	5.24	207.60	77.56	0.00
GenGT SMUD 38	2022	10	294.83	2.30	178.09	1.83	34.77	80.14	0.00
GenGT SMUD 38	2022	11	856.04	8.01	650.51	6.98	121.00	77.56	0.00
GenGT SMUD 38	2022	12	1,027.29	9.30	798.63	8.11	140.41	80.14	0.00
GenGT SMUD 39	2022		8,081.85	78.55	5,905.95	46.45	1,185.87	943.59	0.00
GenGT SMUD 39	2022	1	382.73	3.10	252.16	3.62	46.80	80.14	0.00
GenGT SMUD 39	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 39	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 39	2022	4	115.11	0.43	31.05	0.03	6.47	77.56	0.00
GenGT SMUD 39	2022	5	338.02	2.95	209.70	3.62	44.55	80.14	0.00
GenGT SMUD 39	2022	6	1,002.17	10.71	757.62	5.24	161.76	77.56	0.00
GenGT SMUD 39	2022	7	1,308.82	14.20	1,008.90	5.42	214.35	80.14	0.00
GenGT SMUD 39	2022	8	1,396.18	15.00	1,084.16	5.42	226.46	80.14	0.00
GenGT SMUD 39	2022	9	1,198.10	12.47	927.10	5.24	188.20	77.56	0.00
GenGT SMUD 39	2022	10	320.28	2.57	198.64	2.73	38.78	80.14	0.00
GenGT SMUD 39	2022	11	772.66	7.16	580.94	6.11	108.05	77.56	0.00
GenGT SMUD 39	2022	12	1,095.26	9.96	855.68	9.01	150.44	80.14	0.00
GenGT SMUD 4	2022		7,523.43	72.33	5,444.05	43.75	1,092.04	943.59	0.00
GenGT SMUD 4	2022	1	426.34	3.54	288.19	4.52	53.49	80.14	0.00
GenGT SMUD 4	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 4	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 4	2022	4	115.11	0.43	31.05	0.03	6.47	77.56	0.00
GenGT SMUD 4	2022	5	215.51	1.55	110.14	1.83	23.40	80.14	0.00
GenGT SMUD 4	2022	6	904.68	9.58	677.28	5.24	144.61	77.56	0.00
GenGT SMUD 4	2022	7	1,264.33	13.68	972.21	5.42	206.56	80.14	0.00
GenGT SMUD 4	2022	8	1,359.53	14.58	1,053.85	5.42	220.12	80.14	0.00
GenGT SMUD 4	2022	9	1,114.05	11.53	857.23	5.24	174.02	77.56	0.00
GenGT SMUD 4	2022	10	217.05	1.46	113.02	1.83	22.06	80.14	0.00
GenGT SMUD 4	2022	11	727.02	6.68	542.45	6.11	100.90	77.56	0.00
GenGT SMUD 4	2022	12	1,027.29	9.30	798.63	8.11	140.41	80.14	0.00
GenGT SMUD 40	2022		7,417.38	71.19	5,355.16	43.78	1,074.84	943.59	0.00
GenGT SMUD 40	2022	1	361.37	2.88	234.15	3.62	43.46	80.14	0.00
GenGT SMUD 40	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 40	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 40	2022	4	152.63	0.86	62.10	0.03	12.94	77.56	0.00
GenGT SMUD 40	2022	5	224.04	1.64	116.44	2.73	24.74	80.14	0.00
GenGT SMUD 40	2022	6	846.97	8.92	630.44	4.37	134.60	77.56	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 44	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2022		5,457.48	49.68	3,731.62	32.26	750.00	943.59	0.00
GenGT SMUD 45	2022	1	296.41	2.21	180.12	2.73	33.43	80.14	0.00
GenGT SMUD 45	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 45	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 45	2022	4	152.63	0.86	62.10	0.03	12.94	77.56	0.00
GenGT SMUD 45	2022	5	139.20	0.66	47.20	1.83	10.03	80.14	0.00
GenGT SMUD 45	2022	6	461.09	4.44	313.88	2.64	67.02	77.56	0.00
GenGT SMUD 45	2022	7	966.12	10.23	727.00	4.52	154.46	80.14	0.00
GenGT SMUD 45	2022	8	1,125.90	11.91	860.59	5.42	179.76	80.14	0.00
GenGT SMUD 45	2022	9	805.98	8.07	600.43	6.11	121.89	77.56	0.00
GenGT SMUD 45	2022	10	224.34	1.55	119.87	0.93	23.40	80.14	0.00
GenGT SMUD 45	2022	11	410.12	3.43	278.18	2.64	51.74	77.56	0.00
GenGT SMUD 45	2022	12	723.14	6.31	542.25	5.42	95.33	80.14	0.00
GenGT SMUD 46	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2022		5,018.97	44.96	3,366.02	30.53	678.83	943.59	0.00
GenGT SMUD 5	2022	1	296.41	2.21	180.12	2.73	33.43	80.14	0.00
GenGT SMUD 5	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 5	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 5	2022	4	152.63	0.86	62.10	0.03	12.94	77.56	0.00
GenGT SMUD 5	2022	5	135.39	0.62	44.06	1.83	9.36	80.14	0.00
GenGT SMUD 5	2022	6	372.59	3.41	240.95	2.64	51.45	77.56	0.00
GenGT SMUD 5	2022	7	983.10	10.41	739.53	6.32	157.12	80.14	0.00
GenGT SMUD 5	2022	8	1,086.53	11.46	828.02	5.42	172.95	80.14	0.00
GenGT SMUD 5	2022	9	726.29	7.20	535.63	4.37	108.73	77.56	0.00
GenGT SMUD 5	2022	10	121.11	0.44	34.25	0.03	6.69	80.14	0.00
GenGT SMUD 5	2022	11	411.92	3.45	279.70	2.64	52.02	77.56	0.00
GenGT SMUD 5	2022	12	580.47	4.91	421.67	4.52	74.13	80.14	0.00
GenGT SMUD 6	2022		4,336.90	37.68	2,800.17	24.33	568.80	943.59	0.00
GenGT SMUD 6	2022	1	252.81	1.77	144.09	1.83	26.74	80.14	0.00
GenGT SMUD 6	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 6	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 6	2022	4	137.62	0.69	49.68	0.03	10.35	77.56	0.00
GenGT SMUD 6	2022	5	92.52	0.13	9.44	0.93	2.01	80.14	0.00
GenGT SMUD 6	2022	6	274.23	2.27	160.61	1.77	34.29	77.56	0.00
GenGT SMUD 6	2022	7	1,037.99	11.05	785.53	5.42	166.90	80.14	0.00
GenGT SMUD 6	2022	8	1,018.12	10.67	771.43	5.42	161.13	80.14	0.00
GenGT SMUD 6	2022	9	543.20	5.17	384.16	3.51	77.98	77.56	0.00
GenGT SMUD 6	2022	10	121.11	0.44	34.25	0.03	6.69	80.14	0.00
GenGT SMUD 6	2022	11	272.97	2.01	163.28	1.77	30.37	77.56	0.00
GenGT SMUD 6	2022	12	433.80	3.47	297.70	3.62	52.34	80.14	0.00
GenGT SMUD 7	2022		3,988.14	33.96	2,509.38	22.51	512.66	943.59	0.00
GenGT SMUD 7	2022	1	252.81	1.77	144.09	1.83	26.74	80.14	0.00
GenGT SMUD 7	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 7	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 7	2022	4	137.62	0.69	49.68	0.03	10.35	77.56	0.00
GenGT SMUD 7	2022	5	126.86	0.53	37.76	0.93	8.02	80.14	0.00
GenGT SMUD 7	2022	6	325.06	2.86	202.50	1.77	43.23	77.56	0.00
GenGT SMUD 7	2022	7	964.81	10.21	725.18	5.42	154.07	80.14	0.00
GenGT SMUD 7	2022	8	966.50	10.08	728.73	5.42	152.21	80.14	0.00
GenGT SMUD 7	2022	9	398.41	3.55	263.80	3.51	53.55	77.56	0.00
GenGT SMUD 7	2022	10	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 7	2022	11	263.61	1.91	155.39	1.77	28.90	77.56	0.00
GenGT SMUD 7	2022	12	319.79	2.36	202.26	1.83	35.56	80.14	0.00
GenGT SMUD 8	2022		3,350.69	27.08	1,980.23	18.05	408.83	943.59	0.00
GenGT SMUD 8	2022	1	209.20	1.33	108.07	0.93	20.06	80.14	0.00
GenGT SMUD 8	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 8	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 8	2022	4	85.09	0.09	6.21	0.03	1.29	77.56	0.00
GenGT SMUD 8	2022	5	117.64	0.43	30.90	0.03	6.57	80.14	0.00
GenGT SMUD 8	2022	6	307.33	2.66	187.89	1.77	40.12	77.56	0.00
GenGT SMUD 8	2022	7	824.25	8.57	609.24	5.42	129.44	80.14	0.00
GenGT SMUD 8	2022	8	917.59	9.52	688.27	5.42	143.76	80.14	0.00
GenGT SMUD 8	2022	9	316.60	2.63	195.79	3.51	39.75	77.56	0.00
GenGT SMUD 8	2022	10	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 8	2022	11	170.71	0.96	77.79	0.90	14.47	77.56	0.00
GenGT SMUD 8	2022	12	169.61	0.89	76.06	0.03	13.37	80.14	0.00
GenGT SMUD 9	2022		2,988.72	23.08	1,680.43	16.24	348.46	943.59	0.00
GenGT SMUD 9	2022	1	252.81	1.77	144.09	1.83	26.74	80.14	0.00
GenGT SMUD 9	2022	2	72.39	0.00	0.00	0.00	0.00	72.39	0.00
GenGT SMUD 9	2022	3	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 9	2022	4	77.56	0.00	0.00	0.00	0.00	77.56	0.00
GenGT SMUD 9	2022	5	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 9	2022	6	299.87	2.57	181.74	1.77	38.80	77.56	0.00
GenGT SMUD 9	2022	7	833.40	8.68	616.80	5.42	131.05	80.14	0.00
GenGT SMUD 9	2022	8	758.51	7.70	556.68	5.42	116.28	80.14	0.00
GenGT SMUD 9	2022	9	213.53	1.50	111.56	1.77	22.65	77.56	0.00
GenGT SMUD 9	2022	10	80.14	0.00	0.00	0.00	0.00	80.14	0.00
GenGT SMUD 9	2022	11	160.10	0.86	69.57	0.03	12.94	77.56	0.00
GenGT SMUD 9	2022	12	80.14	0.00	0.00	0.00	0.00	80.14	0.00
Jaybird	2022		4,576.06	532.10	4,576.06	0.00	0.00	0.00	0.00
Jaybird	2022	1	301.86	35.10	301.86	0.00	0.00	0.00	0.00
Jaybird	2022	2	337.98	39.30	337.98	0.00	0.00	0.00	0.00
Jaybird	2022	3	450.64	52.40	450.64	0.00	0.00	0.00	0.00
Jaybird	2022	4	391.30	45.50	391.30	0.00	0.00	0.00	0.00
Jaybird	2022	5	430.00	50.00	430.00	0.00	0.00	0.00	0.00
Jaybird	2022	6	424.84	49.40	424.84	0.00	0.00	0.00	0.00
Jaybird	2022	7	442.04	51.40	442.04	0.00	0.00	0.00	0.00
Jaybird	2022	8	512.56	59.60	512.56	0.00	0.00	0.00	0.00
Jaybird	2022	9	461.82	53.70	461.82	0.00	0.00	0.00	0.00
Jaybird	2022	10	251.98	29.30	251.98	0.00	0.00	0.00	0.00
Jaybird	2022	11	243.38	28.30	243.38	0.00	0.00	0.00	0.00
Jaybird	2022	12	327.66	38.10	327.66	0.00	0.00	0.00	0.00
Jones Fork	2022		186.62	21.70	186.62	0.00	0.00	0.00	0.00
Jones Fork	2022	1	12.90	1.50	12.90	0.00	0.00	0.00	0.00
Jones Fork	2022	2	14.62	1.70	14.62	0.00	0.00	0.00	0.00
Jones Fork	2022	3	18.92	2.20	18.92	0.00	0.00	0.00	0.00
Jones Fork	2022	4	18.06	2.10	18.06	0.00	0.00	0.00	0.00
Jones Fork	2022	5	18.92	2.20	18.92	0.00	0.00	0.00	0.00
Jones Fork	2022	6	22.36	2.60	22.36	0.00	0.00	0.00	0.00
Jones Fork	2022	7	14.62	1.70	14.62	0.00	0.00	0.00	0.00
Jones Fork	2022	8	16.34	1.90	16.34	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Jones Fork	2022	9	18.06	2.10	18.06	0.00	0.00	0.00	0.00
Jones Fork	2022	10	14.62	1.70	14.62	0.00	0.00	0.00	0.00
Jones Fork	2022	11	6.02	0.70	6.02	0.00	0.00	0.00	0.00
Jones Fork	2022	12	11.18	1.30	11.18	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2022		835.92	97.20	835.92	0.00	0.00	0.00	0.00
Loon Lake	2022	1	44.72	5.20	44.72	0.00	0.00	0.00	0.00
Loon Lake	2022	2	88.58	10.30	88.58	0.00	0.00	0.00	0.00
Loon Lake	2022	3	71.38	8.30	71.38	0.00	0.00	0.00	0.00
Loon Lake	2022	4	62.78	7.30	62.78	0.00	0.00	0.00	0.00
Loon Lake	2022	5	81.70	9.50	81.70	0.00	0.00	0.00	0.00
Loon Lake	2022	6	117.82	13.70	117.82	0.00	0.00	0.00	0.00
Loon Lake	2022	7	110.08	12.80	110.08	0.00	0.00	0.00	0.00
Loon Lake	2022	8	96.32	11.20	96.32	0.00	0.00	0.00	0.00
Loon Lake	2022	9	46.44	5.40	46.44	0.00	0.00	0.00	0.00
Loon Lake	2022	10	43.00	5.00	43.00	0.00	0.00	0.00	0.00
Loon Lake	2022	11	28.38	3.30	28.38	0.00	0.00	0.00	0.00
Loon Lake	2022	12	44.72	5.20	44.72	0.00	0.00	0.00	0.00
McClellan CT 1	2022		477.59	0.00	0.00	0.00	0.00	477.59	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
McClellan CT 1	2022	1	40.56	0.00	0.00	0.00	0.00	40.56	0.00
McClellan CT 1	2022	2	36.64	0.00	0.00	0.00	0.00	36.64	0.00
McClellan CT 1	2022	3	40.56	0.00	0.00	0.00	0.00	40.56	0.00
McClellan CT 1	2022	4	39.25	0.00	0.00	0.00	0.00	39.25	0.00
McClellan CT 1	2022	5	40.56	0.00	0.00	0.00	0.00	40.56	0.00
McClellan CT 1	2022	6	39.25	0.00	0.00	0.00	0.00	39.25	0.00
McClellan CT 1	2022	7	40.56	0.00	0.00	0.00	0.00	40.56	0.00
McClellan CT 1	2022	8	40.56	0.00	0.00	0.00	0.00	40.56	0.00
McClellan CT 1	2022	9	39.25	0.00	0.00	0.00	0.00	39.25	0.00
McClellan CT 1	2022	10	40.56	0.00	0.00	0.00	0.00	40.56	0.00
McClellan CT 1	2022	11	39.25	0.00	0.00	0.00	0.00	39.25	0.00
McClellan CT 1	2022	12	40.56	0.00	0.00	0.00	0.00	40.56	0.00
McClellan CT 2	2022		7,595.65	91.06	6,709.69	158.95	249.35	477.59	0.07
McClellan CT 2	2022	1	626.02	7.01	555.16	11.10	19.19	40.56	0.01
McClellan CT 2	2022	2	401.04	4.51	340.14	11.92	12.34	36.64	0.00
McClellan CT 2	2022	3	514.68	6.16	447.07	10.17	16.86	40.56	0.00
McClellan CT 2	2022	4	399.95	4.79	338.01	9.57	13.12	39.25	0.00
McClellan CT 2	2022	5	660.73	8.42	582.61	14.50	23.05	40.56	0.01
McClellan CT 2	2022	6	646.04	8.28	570.14	13.96	22.67	39.25	0.01
McClellan CT 2	2022	7	744.85	9.59	663.53	14.50	26.25	40.56	0.01
McClellan CT 2	2022	8	824.90	10.52	740.77	14.75	28.81	40.56	0.01
McClellan CT 2	2022	9	728.72	8.98	650.19	14.69	24.58	39.25	0.01
McClellan CT 2	2022	10	529.40	6.06	456.46	15.78	16.60	40.56	0.00
McClellan CT 2	2022	11	689.66	7.79	615.70	13.38	21.33	39.25	0.01
McClellan CT 2	2022	12	829.66	8.97	749.91	14.62	24.55	40.56	0.01
MorganStanley1_O	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2022		17,787.30	94.33	6,799.74	127.46	1,424.17	9,435.93	0.00
Peaker SMUD 1	2022	1	966.97	1.69	137.11	3.00	25.45	801.41	0.00
Peaker SMUD 1	2022	2	723.85	0.00	0.00	0.00	0.00	723.85	0.00
Peaker SMUD 1	2022	3	801.41	0.00	0.00	0.00	0.00	801.41	0.00
Peaker SMUD 1	2022	4	775.56	0.00	0.00	0.00	0.00	775.56	0.00
Peaker SMUD 1	2022	5	870.40	0.80	56.64	0.31	12.03	801.41	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPL Coal 1	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPL Coal 1	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2022		8,663.53	102.37	7,437.22	159.89	724.03	342.31	0.08
Procter & G GT 1	2022	1	257.99	2.65	209.96	0.21	18.74	29.07	0.00
Procter & G GT 1	2022	2	26.26	0.00	0.00	0.00	0.00	26.26	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Procter & G GT 1	2022	3	29.07	0.00	0.00	0.00	0.00	29.07	0.00
Procter & G GT 1	2022	4	28.13	0.00	0.00	0.00	0.00	28.13	0.00
Procter & G GT 1	2022	5	1,014.74	12.67	876.61	19.47	89.58	29.07	0.01
Procter & G GT 1	2022	6	1,039.68	13.01	896.12	23.40	92.02	28.13	0.01
Procter & G GT 1	2022	7	1,346.59	16.95	1,173.31	24.30	119.90	29.07	0.01
Procter & G GT 1	2022	8	1,523.02	18.90	1,330.63	29.62	133.68	29.07	0.01
Procter & G GT 1	2022	9	1,377.04	16.59	1,202.04	29.49	117.36	28.13	0.01
Procter & G GT 1	2022	10	29.07	0.00	0.00	0.00	0.00	29.07	0.00
Procter & G GT 1	2022	11	1,137.86	12.63	998.84	21.53	89.36	28.13	0.01
Procter & G GT 1	2022	12	854.06	8.96	749.71	11.88	63.39	29.07	0.01
Robbs Peak	2022		422.26	49.10	422.26	0.00	0.00	0.00	0.00
Robbs Peak	2022	1	30.96	3.60	30.96	0.00	0.00	0.00	0.00
Robbs Peak	2022	2	46.44	5.40	46.44	0.00	0.00	0.00	0.00
Robbs Peak	2022	3	57.62	6.70	57.62	0.00	0.00	0.00	0.00
Robbs Peak	2022	4	61.92	7.20	61.92	0.00	0.00	0.00	0.00
Robbs Peak	2022	5	61.92	7.20	61.92	0.00	0.00	0.00	0.00
Robbs Peak	2022	6	48.16	5.60	48.16	0.00	0.00	0.00	0.00
Robbs Peak	2022	7	32.68	3.80	32.68	0.00	0.00	0.00	0.00
Robbs Peak	2022	8	27.52	3.20	27.52	0.00	0.00	0.00	0.00
Robbs Peak	2022	9	12.90	1.50	12.90	0.00	0.00	0.00	0.00
Robbs Peak	2022	10	11.18	1.30	11.18	0.00	0.00	0.00	0.00
Robbs Peak	2022	11	9.46	1.10	9.46	0.00	0.00	0.00	0.00
Robbs Peak	2022	12	21.50	2.50	21.50	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2022		53,226.63	733.70	48,844.92	7.92	-2,023.74	6,397.05	0.48
SCA P&G Cogen 1	2022	1	4,319.77	54.87	3,927.05	0.72	-151.35	543.31	0.04
SCA P&G Cogen 1	2022	2	3,768.56	50.08	3,415.32	0.62	-138.14	490.73	0.03
SCA P&G Cogen 1	2022	3	4,280.87	59.48	3,900.92	0.66	-164.06	543.31	0.04
SCA P&G Cogen 1	2022	4	3,894.73	55.23	3,520.62	0.62	-152.34	525.78	0.04
SCA P&G Cogen 1	2022	5	4,451.51	65.39	4,087.87	0.63	-180.35	543.31	0.04
SCA P&G Cogen 1	2022	6	4,204.21	61.86	3,848.40	0.61	-170.62	525.78	0.04
SCA P&G Cogen 1	2022	7	4,464.08	65.60	4,101.02	0.63	-180.93	543.31	0.04
SCA P&G Cogen 1	2022	8	4,779.58	69.63	4,427.63	0.64	-192.05	543.31	0.05
SCA P&G Cogen 1	2022	9	4,771.62	67.73	4,431.98	0.64	-186.83	525.78	0.04
SCA P&G Cogen 1	2022	10	4,483.96	60.35	4,106.39	0.69	-166.47	543.31	0.04
SCA P&G Cogen 1	2022	11	4,697.25	60.75	4,338.29	0.70	-167.56	525.78	0.04
SCA P&G Cogen 1	2022	12	5,110.51	62.73	4,739.42	0.76	-173.03	543.31	0.04
Slab Creek	2022		11.31	1.32	11.31	0.00	0.00	0.00	0.00
Slab Creek	2022	1	0.64	0.07	0.64	0.00	0.00	0.00	0.00
Slab Creek	2022	2	0.58	0.07	0.58	0.00	0.00	0.00	0.00
Slab Creek	2022	3	0.64	0.07	0.64	0.00	0.00	0.00	0.00
Slab Creek	2022	4	0.62	0.07	0.62	0.00	0.00	0.00	0.00
Slab Creek	2022	5	0.64	0.07	0.64	0.00	0.00	0.00	0.00
Slab Creek	2022	6	1.24	0.14	1.24	0.00	0.00	0.00	0.00
Slab Creek	2022	7	1.28	0.15	1.28	0.00	0.00	0.00	0.00
Slab Creek	2022	8	1.28	0.15	1.28	0.00	0.00	0.00	0.00
Slab Creek	2022	9	1.24	0.14	1.24	0.00	0.00	0.00	0.00
Slab Creek	2022	10	1.28	0.15	1.28	0.00	0.00	0.00	0.00
Slab Creek	2022	11	1.24	0.14	1.24	0.00	0.00	0.00	0.00
Slab Creek	2022	12	0.64	0.07	0.64	0.00	0.00	0.00	0.00
SMUD PV 1	2022		244.14	60.01	0.00	0.00	108.12	136.02	0.00
SMUD PV 1	2022	1	11.80	0.14	0.00	0.00	0.25	11.55	0.00
SMUD PV 1	2022	2	11.42	0.55	0.00	0.00	0.99	10.43	0.00
SMUD PV 1	2022	3	15.19	2.02	0.00	0.00	3.64	11.55	0.00
SMUD PV 1	2022	4	18.66	4.15	0.00	0.00	7.48	11.18	0.00
SMUD PV 1	2022	5	21.92	5.75	0.00	0.00	10.37	11.55	0.00
SMUD PV 1	2022	6	32.47	11.82	0.00	0.00	21.30	11.18	0.00
SMUD PV 1	2022	7	32.60	11.68	0.00	0.00	21.04	11.55	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
SMUD PV 1	2022	8	31.28	10.95	0.00	0.00	19.73	11.55	0.00
SMUD PV 1	2022	9	28.48	9.60	0.00	0.00	17.30	11.18	0.00
SMUD PV 1	2022	10	16.07	2.50	0.00	0.00	4.51	11.55	0.00
SMUD PV 1	2022	11	12.43	0.70	0.00	0.00	1.25	11.18	0.00
SMUD PV 1	2022	12	11.82	0.15	0.00	0.00	0.27	11.55	0.00
SMUD Solano Wi 2	2022		992.13	286.05	0.00	0.00	0.00	992.13	0.00
SMUD Solano Wi 2	2022	1	84.26	2.49	0.00	0.00	0.00	84.26	0.00
SMUD Solano Wi 2	2022	2	76.11	3.69	0.00	0.00	0.00	76.11	0.00
SMUD Solano Wi 2	2022	3	84.26	15.02	0.00	0.00	0.00	84.26	0.00
SMUD Solano Wi 2	2022	4	81.54	21.35	0.00	0.00	0.00	81.54	0.00
SMUD Solano Wi 2	2022	5	84.26	32.80	0.00	0.00	0.00	84.26	0.00
SMUD Solano Wi 2	2022	6	81.54	47.65	0.00	0.00	0.00	81.54	0.00
SMUD Solano Wi 2	2022	7	84.26	47.95	0.00	0.00	0.00	84.26	0.00
SMUD Solano Wi 2	2022	8	84.26	46.41	0.00	0.00	0.00	84.26	0.00
SMUD Solano Wi 2	2022	9	81.54	35.23	0.00	0.00	0.00	81.54	0.00
SMUD Solano Wi 2	2022	10	84.26	21.06	0.00	0.00	0.00	84.26	0.00
SMUD Solano Wi 2	2022	11	81.54	6.39	0.00	0.00	0.00	81.54	0.00
SMUD Solano Wi 2	2022	12	84.26	6.00	0.00	0.00	0.00	84.26	0.00
Snohomish	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2022		75,218.80	1,146.50	71,250.85	6.43	-1,520.36	5,481.16	0.70
SPA Campbell C 1	2022	1	6,036.84	85.07	5,683.48	0.59	-112.81	465.52	0.05
SPA Campbell C 1	2022	2	5,122.83	75.43	4,801.83	0.50	-100.02	420.47	0.05
SPA Campbell C 1	2022	3	5,841.99	89.74	5,494.88	0.54	-119.01	465.52	0.06
SPA Campbell C 1	2022	4	5,350.71	84.21	5,011.31	0.51	-111.67	450.51	0.05
SPA Campbell C 1	2022	5	6,299.38	102.27	5,968.90	0.51	-135.61	465.52	0.06
SPA Campbell C 1	2022	6	6,089.24	99.35	5,769.92	0.49	-131.74	450.51	0.06
SPA Campbell C 1	2022	7	6,299.38	102.27	5,968.89	0.51	-135.61	465.52	0.06
SPA Campbell C 1	2022	8	6,858.63	110.14	6,538.57	0.52	-146.05	465.52	0.07
SPA Campbell C 1	2022	9	6,861.23	107.27	6,552.39	0.52	-142.24	450.51	0.07
SPA Campbell C 1	2022	10	6,544.72	97.74	6,208.18	0.56	-129.61	465.52	0.06
SPA Campbell C 1	2022	11	6,594.28	94.01	6,267.82	0.57	-124.67	450.51	0.06
SPA Campbell C 1	2022	12	7,319.58	99.03	6,984.69	0.62	-131.32	465.52	0.06
Union Valley	2022		1,017.38	118.30	1,017.38	0.00	0.00	0.00	0.00
Union Valley	2022	1	53.32	6.20	53.32	0.00	0.00	0.00	0.00
Union Valley	2022	2	64.50	7.50	64.50	0.00	0.00	0.00	0.00
Union Valley	2022	3	89.44	10.40	89.44	0.00	0.00	0.00	0.00
Union Valley	2022	4	84.28	9.80	84.28	0.00	0.00	0.00	0.00
Union Valley	2022	5	108.36	12.60	108.36	0.00	0.00	0.00	0.00
Union Valley	2022	6	111.80	13.00	111.80	0.00	0.00	0.00	0.00
Union Valley	2022	7	111.80	13.00	111.80	0.00	0.00	0.00	0.00
Union Valley	2022	8	129.00	15.00	129.00	0.00	0.00	0.00	0.00
Union Valley	2022	9	110.08	12.80	110.08	0.00	0.00	0.00	0.00
Union Valley	2022	10	42.14	4.90	42.14	0.00	0.00	0.00	0.00
Union Valley	2022	11	47.30	5.50	47.30	0.00	0.00	0.00	0.00
Union Valley	2022	12	65.36	7.60	65.36	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
WAPA 1	2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2022	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2022		7,773.93	903.95	7,773.93	0.00	0.00	0.00	0.00
WAPA 2	2022	1	485.64	56.47	485.64	0.00	0.00	0.00	0.00
WAPA 2	2022	2	509.15	59.20	509.15	0.00	0.00	0.00	0.00
WAPA 2	2022	3	521.47	60.64	521.47	0.00	0.00	0.00	0.00
WAPA 2	2022	4	572.76	66.60	572.76	0.00	0.00	0.00	0.00
WAPA 2	2022	5	779.33	90.62	779.33	0.00	0.00	0.00	0.00
WAPA 2	2022	6	863.78	100.44	863.78	0.00	0.00	0.00	0.00
WAPA 2	2022	7	1,118.44	130.05	1,118.44	0.00	0.00	0.00	0.00
WAPA 2	2022	8	898.34	104.46	898.34	0.00	0.00	0.00	0.00
WAPA 2	2022	9	714.56	83.09	714.56	0.00	0.00	0.00	0.00
WAPA 2	2022	10	497.80	57.88	497.80	0.00	0.00	0.00	0.00
WAPA 2	2022	11	362.23	42.12	362.23	0.00	0.00	0.00	0.00
WAPA 2	2022	12	450.45	52.38	450.45	0.00	0.00	0.00	0.00
White Rock	2022		4,690.44	545.40	4,690.44	0.00	0.00	0.00	0.00
White Rock	2022	1	368.94	42.90	368.94	0.00	0.00	0.00	0.00
White Rock	2022	2	403.34	46.90	403.34	0.00	0.00	0.00	0.00
White Rock	2022	3	592.54	68.90	592.54	0.00	0.00	0.00	0.00
White Rock	2022	4	616.62	71.70	616.62	0.00	0.00	0.00	0.00
White Rock	2022	5	711.22	82.70	711.22	0.00	0.00	0.00	0.00
White Rock	2022	6	536.64	62.40	536.64	0.00	0.00	0.00	0.00
White Rock	2022	7	352.60	41.00	352.60	0.00	0.00	0.00	0.00
White Rock	2022	8	298.42	34.70	298.42	0.00	0.00	0.00	0.00
White Rock	2022	9	261.44	30.40	261.44	0.00	0.00	0.00	0.00
White Rock	2022	10	147.06	17.10	147.06	0.00	0.00	0.00	0.00
White Rock	2022	11	148.78	17.30	148.78	0.00	0.00	0.00	0.00
White Rock	2022	12	252.84	29.40	252.84	0.00	0.00	0.00	0.00
Camino	2023		3,192.64	362.80	3,192.64	0.00	0.00	0.00	0.00
Camino	2023	1	212.08	24.10	212.08	0.00	0.00	0.00	0.00
Camino	2023	2	261.36	29.70	261.36	0.00	0.00	0.00	0.00
Camino	2023	3	351.12	39.90	351.12	0.00	0.00	0.00	0.00
Camino	2023	4	295.68	33.60	295.68	0.00	0.00	0.00	0.00
Camino	2023	5	299.20	34.00	299.20	0.00	0.00	0.00	0.00
Camino	2023	6	291.28	33.10	291.28	0.00	0.00	0.00	0.00
Camino	2023	7	292.16	33.20	292.16	0.00	0.00	0.00	0.00
Camino	2023	8	342.32	38.90	342.32	0.00	0.00	0.00	0.00
Camino	2023	9	305.36	34.70	305.36	0.00	0.00	0.00	0.00
Camino	2023	10	157.52	17.90	157.52	0.00	0.00	0.00	0.00
Camino	2023	11	159.28	18.10	159.28	0.00	0.00	0.00	0.00
Camino	2023	12	225.28	25.60	225.28	0.00	0.00	0.00	0.00
Camp Far West	2023		185.58	21.09	185.58	0.00	0.00	0.00	0.00
Camp Far West	2023	1	15.06	1.71	15.06	0.00	0.00	0.00	0.00
Camp Far West	2023	2	24.25	2.76	24.25	0.00	0.00	0.00	0.00
Camp Far West	2023	3	26.19	2.98	26.19	0.00	0.00	0.00	0.00
Camp Far West	2023	4	21.54	2.45	21.54	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Camp Far West	2023	5	24.88	2.83	24.88	0.00	0.00	0.00	0.00
Camp Far West	2023	6	24.08	2.74	24.08	0.00	0.00	0.00	0.00
Camp Far West	2023	7	19.64	2.23	19.64	0.00	0.00	0.00	0.00
Camp Far West	2023	8	17.02	1.93	17.02	0.00	0.00	0.00	0.00
Camp Far West	2023	9	2.53	0.29	2.53	0.00	0.00	0.00	0.00
Camp Far West	2023	10	1.31	0.15	1.31	0.00	0.00	0.00	0.00
Camp Far West	2023	11	2.53	0.29	2.53	0.00	0.00	0.00	0.00
Camp Far West	2023	12	6.55	0.74	6.55	0.00	0.00	0.00	0.00
Carson Ice CGCC	2023		29,305.99	393.33	26,189.14	1.92	798.98	2,315.69	0.25
Carson Ice CGCC	2023	1	2,539.75	31.76	2,278.37	0.18	64.51	196.68	0.02
Carson Ice CGCC	2023	2	2,122.48	27.57	1,888.67	0.15	56.00	177.64	0.02
Carson Ice CGCC	2023	3	2,368.96	32.12	2,106.87	0.16	65.24	196.68	0.02
Carson Ice CGCC	2023	4	2,149.30	29.71	1,898.45	0.15	60.35	190.33	0.02
Carson Ice CGCC	2023	5	2,377.34	33.75	2,111.94	0.15	68.55	196.68	0.02
Carson Ice CGCC	2023	6	2,310.96	33.07	2,053.28	0.15	67.18	190.33	0.02
Carson Ice CGCC	2023	7	2,434.78	34.71	2,167.43	0.15	70.50	196.68	0.02
Carson Ice CGCC	2023	8	2,540.37	35.86	2,270.68	0.16	72.84	196.68	0.02
Carson Ice CGCC	2023	9	2,537.07	34.96	2,275.55	0.16	71.01	190.33	0.02
Carson Ice CGCC	2023	10	2,510.80	32.95	2,247.00	0.17	66.93	196.68	0.02
Carson Ice CGCC	2023	11	2,586.14	32.79	2,329.00	0.17	66.61	190.33	0.02
Carson Ice CGCC	2023	12	2,828.04	34.10	2,561.90	0.18	69.26	196.68	0.02
Carson Ice CGGT	2023		11,715.71	116.68	9,384.11	148.73	517.11	1,665.67	0.09
Carson Ice CGGT	2023	1	557.92	4.50	392.26	4.24	19.94	141.47	0.00
Carson Ice CGGT	2023	2	127.78	0.00	0.00	0.00	0.00	127.78	0.00
Carson Ice CGGT	2023	3	353.57	2.52	200.74	0.21	11.15	141.47	0.00
Carson Ice CGGT	2023	4	291.42	1.89	145.96	0.20	8.36	136.90	0.00
Carson Ice CGGT	2023	5	1,105.92	11.80	897.96	14.20	52.29	141.47	0.01
Carson Ice CGGT	2023	6	1,319.51	14.57	1,101.01	17.00	64.58	136.90	0.01
Carson Ice CGGT	2023	7	1,540.97	17.11	1,302.45	21.20	75.84	141.47	0.01
Carson Ice CGGT	2023	8	1,664.90	18.35	1,420.52	21.56	81.34	141.47	0.01
Carson Ice CGGT	2023	9	1,362.93	14.33	1,141.04	21.46	63.52	136.90	0.01
Carson Ice CGGT	2023	10	709.10	6.38	527.73	11.63	28.26	141.47	0.01
Carson Ice CGGT	2023	11	1,288.19	12.45	1,080.44	15.67	55.16	136.90	0.01
Carson Ice CGGT	2023	12	1,393.51	12.79	1,174.00	21.35	56.68	141.47	0.01
CDWR_Ex_6x16OnPl	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2023		62,441.84	843.62	62,441.84	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	1	13,731.96	180.65	13,731.96	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	2	11,180.53	151.23	11,180.53	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	3	5,770.02	79.44	5,770.02	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	4	4,890.62	69.26	4,890.62	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	5	1,155.77	18.93	1,155.77	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	6	1,192.56	19.21	1,192.56	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	7	999.70	14.63	999.70	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	8	623.26	8.86	623.26	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	9	1,091.81	13.79	1,091.81	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
CNP15_Markets p	2023	10	7,234.44	97.03	7,234.44	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	11	5,180.90	68.78	5,180.90	0.00	0.00	0.00	0.00
CNP15_Markets p	2023	12	9,390.27	121.82	9,390.27	0.00	0.00	0.00	0.00
CNP15_Markets s	2023		-310,007.59	-3,120.47	-310,007.59	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	1	-17,607.82	-167.62	-17,607.82	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	2	-4,167.61	-45.31	-4,167.61	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	3	-5,863.17	-70.48	-5,863.17	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	4	-6,461.29	-81.68	-6,461.29	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	5	-29,311.24	-314.76	-29,311.24	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	6	-32,012.53	-344.85	-32,012.53	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	7	-43,354.02	-448.31	-43,354.02	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	8	-49,585.91	-474.43	-49,585.91	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	9	-37,156.59	-377.46	-37,156.59	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	10	-14,829.52	-152.94	-14,829.52	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	11	-33,777.41	-324.14	-33,777.41	0.00	0.00	0.00	0.00
CNP15_Markets s	2023	12	-35,880.52	-318.48	-35,880.52	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2023		119,136.22	1,942.86	108,951.99	20.34	7,764.86	2,397.97	1.05
Cosumnes SMUD 1a	2023	1	10,467.66	159.47	9,624.71	1.86	637.34	203.66	0.09
Cosumnes SMUD 1a	2023	2	8,993.43	143.50	8,234.29	1.60	573.52	183.95	0.08
Cosumnes SMUD 1a	2023	3	9,588.87	158.42	8,750.28	1.70	633.14	203.66	0.09
Cosumnes SMUD 1a	2023	4	9,047.04	153.75	8,233.79	1.60	614.48	197.09	0.08
Cosumnes SMUD 1a	2023	5	9,498.23	163.81	8,638.18	1.62	654.68	203.66	0.09
Cosumnes SMUD 1a	2023	6	9,815.01	170.89	8,933.28	1.56	682.99	197.09	0.09
Cosumnes SMUD 1a	2023	7	9,822.48	169.73	8,938.78	1.62	678.33	203.66	0.09
Cosumnes SMUD 1a	2023	8	10,176.52	173.27	9,278.63	1.65	692.49	203.66	0.09
Cosumnes SMUD 1a	2023	9	9,725.46	161.25	8,882.18	1.64	644.46	197.09	0.09
Cosumnes SMUD 1a	2023	10	10,750.11	172.16	9,856.53	1.76	688.06	203.66	0.09
Cosumnes SMUD 1a	2023	11	10,047.99	153.75	9,234.55	1.79	614.48	197.09	0.08
Cosumnes SMUD 1a	2023	12	11,203.41	162.86	10,346.81	1.95	650.89	203.66	0.09
Cosumnes SMUD 1b	2023		120,212.87	1,961.25	109,956.90	18.58	7,838.36	2,397.97	1.06
Cosumnes SMUD 1b	2023	1	10,467.66	159.47	9,624.71	1.86	637.34	203.66	0.09
Cosumnes SMUD 1b	2023	2	8,993.43	143.50	8,234.29	1.60	573.52	183.95	0.08
Cosumnes SMUD 1b	2023	3	9,584.07	158.32	8,745.87	1.70	632.75	203.66	0.09
Cosumnes SMUD 1b	2023	4	9,047.04	153.75	8,233.79	1.60	614.48	197.09	0.08
Cosumnes SMUD 1b	2023	5	9,800.58	169.12	8,919.28	1.62	675.92	203.66	0.09
Cosumnes SMUD 1b	2023	6	9,815.01	170.89	8,933.28	1.56	682.99	197.09	0.09
Cosumnes SMUD 1b	2023	7	9,799.86	169.26	8,918.00	1.62	676.48	203.66	0.09
Cosumnes SMUD 1b	2023	8	10,367.58	176.59	9,456.41	1.65	705.76	203.66	0.10
Cosumnes SMUD 1b	2023	9	10,294.90	170.89	9,413.08	1.64	682.99	197.09	0.09
Cosumnes SMUD 1b	2023	10	10,872.24	174.05	9,972.87	0.00	695.61	203.66	0.09
Cosumnes SMUD 1b	2023	11	10,047.99	153.75	9,234.55	1.79	614.48	197.09	0.08
Cosumnes SMUD 1b	2023	12	11,122.51	161.64	10,270.77	1.95	646.03	203.66	0.09
Cosumnes SMUD 2a	2023		119,467.10	1,948.22	109,233.34	48.44	7,786.30	2,397.97	1.05
Cosumnes SMUD 2a	2023	1	10,467.66	159.47	9,624.71	1.86	637.34	203.66	0.09
Cosumnes SMUD 2a	2023	2	8,993.43	143.50	8,234.29	1.60	573.52	183.95	0.08
Cosumnes SMUD 2a	2023	3	9,584.07	158.32	8,745.87	1.70	632.75	203.66	0.09
Cosumnes SMUD 2a	2023	4	9,047.04	153.75	8,233.79	1.60	614.48	197.09	0.08
Cosumnes SMUD 2a	2023	5	9,385.19	161.28	8,507.17	29.72	644.56	203.66	0.09
Cosumnes SMUD 2a	2023	6	9,694.48	168.75	8,821.31	1.56	674.43	197.09	0.09
Cosumnes SMUD 2a	2023	7	10,171.69	175.81	9,263.65	1.62	702.66	203.66	0.10
Cosumnes SMUD 2a	2023	8	10,367.58	176.59	9,456.41	1.65	705.76	203.66	0.10
Cosumnes SMUD 2a	2023	9	10,168.36	168.75	9,295.10	1.64	674.43	197.09	0.09
Cosumnes SMUD 2a	2023	10	10,340.78	165.47	9,473.95	1.76	661.32	203.66	0.09
Cosumnes SMUD 2a	2023	11	10,047.99	153.75	9,234.55	1.79	614.48	197.09	0.08
Cosumnes SMUD 2a	2023	12	11,198.83	162.78	10,342.56	1.95	650.57	203.66	0.09
Cosumnes SMUD 2b	2023		117,500.18	1,910.82	107,273.82	190.51	7,636.84	2,397.97	1.03
Cosumnes SMUD 2b	2023	1	10,492.32	159.91	9,647.60	1.86	639.11	203.66	0.09

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 2b	2023	2	8,993.43	143.50	8,234.29	1.60	573.52	183.95	0.08
Cosumnes SMUD 2b	2023	3	9,192.22	151.13	8,353.33	31.16	603.99	203.66	0.08
Cosumnes SMUD 2b	2023	4	9,047.04	153.75	8,233.79	1.60	614.48	197.09	0.08
Cosumnes SMUD 2b	2023	5	8,767.61	149.80	7,907.38	57.81	598.68	203.66	0.08
Cosumnes SMUD 2b	2023	6	8,852.90	152.68	7,989.98	55.54	610.20	197.09	0.08
Cosumnes SMUD 2b	2023	7	9,994.74	172.71	9,099.09	1.62	690.27	203.66	0.09
Cosumnes SMUD 2b	2023	8	10,367.58	176.59	9,456.41	1.65	705.76	203.66	0.10
Cosumnes SMUD 2b	2023	9	10,105.08	167.68	9,236.11	1.64	670.15	197.09	0.09
Cosumnes SMUD 2b	2023	10	10,409.97	166.02	9,510.38	32.31	663.53	203.66	0.09
Cosumnes SMUD 2b	2023	11	10,047.99	153.75	9,234.55	1.79	614.48	197.09	0.08
Cosumnes SMUD 2b	2023	12	11,229.29	163.30	10,370.92	1.95	652.66	203.66	0.09
Cosumnes SMUD 3a	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3a	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2023		13,300.35	132.39	10,226.91	57.46	2,048.79	967.18	0.00
G1nGT SMUD 33	2023	1	927.37	8.46	706.02	8.31	130.90	82.14	0.00
G1nGT SMUD 33	2023	2	290.08	2.24	177.87	3.35	34.66	74.19	0.00
G1nGT SMUD 33	2023	3	214.22	1.42	108.27	1.87	21.93	82.14	0.00
G1nGT SMUD 33	2023	4	310.77	2.57	190.56	0.92	39.79	79.49	0.00
G1nGT SMUD 33	2023	5	1,161.79	12.18	887.47	3.71	188.46	82.14	0.00
G1nGT SMUD 33	2023	6	1,340.78	14.31	1,035.33	4.48	221.47	79.49	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
G1nGT SMUD 33	2023	7	1,788.10	19.25	1,402.56	5.55	297.85	82.14	0.00
G1nGT SMUD 33	2023	8	1,969.75	21.01	1,556.94	5.55	325.12	82.14	0.00
G1nGT SMUD 33	2023	9	1,661.82	17.20	1,310.83	5.37	266.11	79.49	0.00
G1nGT SMUD 33	2023	10	694.92	6.42	508.77	4.63	99.37	82.14	0.00
G1nGT SMUD 33	2023	11	1,339.78	12.73	1,057.93	5.37	196.97	79.49	0.00
G1nGT SMUD 33	2023	12	1,600.97	14.61	1,284.35	8.31	226.16	82.14	0.00
GenGT SMUD 1	2023		16,810.01	169.97	13,142.30	70.19	2,630.34	967.18	0.00
GenGT SMUD 1	2023	1	1,184.06	11.07	924.11	6.47	171.33	82.14	0.00
GenGT SMUD 1	2023	2	772.08	7.32	581.25	3.35	113.28	74.19	0.00
GenGT SMUD 1	2023	3	769.96	7.40	565.06	8.31	114.45	82.14	0.00
GenGT SMUD 1	2023	4	640.67	6.21	460.53	4.48	96.17	79.49	0.00
GenGT SMUD 1	2023	5	1,512.76	16.12	1,174.69	6.47	249.46	82.14	0.00
GenGT SMUD 1	2023	6	1,560.19	16.80	1,215.34	5.37	259.98	79.49	0.00
GenGT SMUD 1	2023	7	1,993.08	21.57	1,571.63	5.55	333.75	82.14	0.00
GenGT SMUD 1	2023	8	2,099.08	22.45	1,663.93	5.55	347.46	82.14	0.00
GenGT SMUD 1	2023	9	1,782.67	18.51	1,411.29	5.37	286.51	79.49	0.00
GenGT SMUD 1	2023	10	1,107.77	10.76	852.62	6.47	166.53	82.14	0.00
GenGT SMUD 1	2023	11	1,513.01	14.49	1,203.98	5.37	224.17	79.49	0.00
GenGT SMUD 1	2023	12	1,874.68	17.27	1,517.87	7.39	267.27	82.14	0.00
GenGT SMUD 10	2023		16,295.52	164.30	12,717.71	68.14	2,542.49	967.18	0.00
GenGT SMUD 10	2023	1	1,248.86	11.74	979.56	5.55	181.61	82.14	0.00
GenGT SMUD 10	2023	2	611.37	5.60	444.67	5.85	86.66	74.19	0.00
GenGT SMUD 10	2023	3	679.53	6.42	490.62	7.39	99.37	82.14	0.00
GenGT SMUD 10	2023	4	598.44	5.74	425.59	4.48	88.87	79.49	0.00
GenGT SMUD 10	2023	5	1,347.52	14.26	1,039.15	5.55	220.67	82.14	0.00
GenGT SMUD 10	2023	6	1,484.03	15.94	1,153.33	4.48	246.71	79.49	0.00
GenGT SMUD 10	2023	7	1,993.08	21.57	1,571.63	5.55	333.75	82.14	0.00
GenGT SMUD 10	2023	8	2,071.31	22.14	1,640.96	5.55	342.66	82.14	0.00
GenGT SMUD 10	2023	9	1,766.95	18.34	1,398.22	5.37	283.85	79.49	0.00
GenGT SMUD 10	2023	10	1,032.28	9.96	789.46	6.47	154.20	82.14	0.00
GenGT SMUD 10	2023	11	1,706.48	16.46	1,367.83	4.48	254.67	79.49	0.00
GenGT SMUD 10	2023	12	1,755.68	16.12	1,416.68	7.39	249.46	82.14	0.00
GenGT SMUD 11	2023		15,833.30	159.30	12,328.36	72.62	2,465.13	967.18	0.00
GenGT SMUD 11	2023	1	1,113.95	10.36	864.97	6.47	160.36	82.14	0.00
GenGT SMUD 11	2023	2	634.15	5.84	463.73	5.85	90.37	74.19	0.00
GenGT SMUD 11	2023	3	685.44	6.47	494.00	9.23	100.06	82.14	0.00
GenGT SMUD 11	2023	4	541.74	5.10	377.95	5.37	78.92	79.49	0.00
GenGT SMUD 11	2023	5	1,303.56	13.77	1,003.65	4.63	213.13	82.14	0.00
GenGT SMUD 11	2023	6	1,560.19	16.80	1,215.34	5.37	259.98	79.49	0.00
GenGT SMUD 11	2023	7	1,985.25	21.48	1,565.18	5.55	332.38	82.14	0.00
GenGT SMUD 11	2023	8	1,992.89	21.26	1,575.32	6.47	328.95	82.14	0.00
GenGT SMUD 11	2023	9	1,681.37	17.40	1,326.35	6.26	269.26	79.49	0.00
GenGT SMUD 11	2023	10	972.64	9.34	740.34	5.55	144.60	82.14	0.00
GenGT SMUD 11	2023	11	1,424.28	13.59	1,129.17	5.37	210.24	79.49	0.00
GenGT SMUD 11	2023	12	1,937.85	17.89	1,572.36	6.47	276.87	82.14	0.00
GenGT SMUD 12	2023		15,987.30	161.17	12,453.48	72.54	2,494.09	967.18	0.00
GenGT SMUD 12	2023	1	1,028.15	9.48	791.04	8.31	146.66	82.14	0.00
GenGT SMUD 12	2023	2	699.50	6.52	517.73	6.68	100.90	74.19	0.00
GenGT SMUD 12	2023	3	651.05	6.11	466.94	7.39	94.57	82.14	0.00
GenGT SMUD 12	2023	4	591.65	5.66	419.24	5.37	87.54	79.49	0.00
GenGT SMUD 12	2023	5	1,436.58	15.28	1,113.37	4.63	236.43	82.14	0.00
GenGT SMUD 12	2023	6	1,503.73	16.16	1,168.83	5.37	250.03	79.49	0.00
GenGT SMUD 12	2023	7	1,985.25	21.48	1,565.18	5.55	332.38	82.14	0.00
GenGT SMUD 12	2023	8	2,083.21	22.28	1,650.80	5.55	344.72	82.14	0.00
GenGT SMUD 12	2023	9	1,669.58	17.27	1,316.55	6.26	267.27	79.49	0.00
GenGT SMUD 12	2023	10	981.03	9.43	747.36	5.55	145.97	82.14	0.00
GenGT SMUD 12	2023	11	1,589.07	15.26	1,268.09	5.37	236.10	79.49	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 12	2023	12	1,768.49	16.25	1,428.36	6.47	251.51	82.14	0.00
GenGT SMUD 13	2023		15,325.99	153.91	11,899.83	77.16	2,381.81	967.18	0.00
GenGT SMUD 13	2023	1	1,112.33	10.32	861.27	9.23	159.68	82.14	0.00
GenGT SMUD 13	2023	2	574.25	5.20	412.91	6.68	80.47	74.19	0.00
GenGT SMUD 13	2023	3	672.31	6.33	483.85	8.31	98.00	82.14	0.00
GenGT SMUD 13	2023	4	540.85	5.10	377.95	4.48	78.92	79.49	0.00
GenGT SMUD 13	2023	5	1,252.70	13.20	961.69	4.63	204.22	82.14	0.00
GenGT SMUD 13	2023	6	1,497.10	16.07	1,162.63	6.26	248.70	79.49	0.00
GenGT SMUD 13	2023	7	1,904.01	20.55	1,497.41	6.47	317.99	82.14	0.00
GenGT SMUD 13	2023	8	2,020.66	21.57	1,598.29	6.47	333.75	82.14	0.00
GenGT SMUD 13	2023	9	1,649.93	17.06	1,300.22	6.26	263.96	79.49	0.00
GenGT SMUD 13	2023	10	934.90	8.95	708.76	5.55	138.43	82.14	0.00
GenGT SMUD 13	2023	11	1,414.94	13.50	1,122.05	4.48	208.91	79.49	0.00
GenGT SMUD 13	2023	12	1,752.02	16.08	1,412.79	8.31	248.77	82.14	0.00
GenGT SMUD 14	2023		15,460.42	155.56	12,011.66	74.35	2,407.24	967.18	0.00
GenGT SMUD 14	2023	1	965.89	8.86	739.29	7.39	137.06	82.14	0.00
GenGT SMUD 14	2023	2	676.72	6.28	498.67	6.68	97.18	74.19	0.00
GenGT SMUD 14	2023	3	569.67	5.23	399.26	7.39	80.87	82.14	0.00
GenGT SMUD 14	2023	4	508.08	4.71	349.36	6.26	72.95	79.49	0.00
GenGT SMUD 14	2023	5	1,384.80	14.70	1,071.42	3.71	227.53	82.14	0.00
GenGT SMUD 14	2023	6	1,545.13	16.63	1,202.94	5.37	257.33	79.49	0.00
GenGT SMUD 14	2023	7	1,880.54	20.28	1,478.04	6.47	313.88	82.14	0.00
GenGT SMUD 14	2023	8	2,059.41	22.01	1,631.11	5.55	340.60	82.14	0.00
GenGT SMUD 14	2023	9	1,723.71	17.87	1,362.29	5.37	276.56	79.49	0.00
GenGT SMUD 14	2023	10	951.67	9.12	722.80	5.55	141.18	82.14	0.00
GenGT SMUD 14	2023	11	1,488.55	14.23	1,182.61	6.26	220.19	79.49	0.00
GenGT SMUD 14	2023	12	1,706.24	15.63	1,373.87	8.31	241.92	82.14	0.00
GenGT SMUD 15	2023		15,311.21	153.92	11,886.19	75.98	2,381.86	967.18	0.00
GenGT SMUD 15	2023	1	979.95	8.99	750.38	8.31	139.12	82.14	0.00
GenGT SMUD 15	2023	2	560.73	5.04	400.21	8.34	77.99	74.19	0.00
GenGT SMUD 15	2023	3	556.54	5.09	389.11	6.47	78.81	82.14	0.00
GenGT SMUD 15	2023	4	424.50	3.77	279.49	7.15	58.36	79.49	0.00
GenGT SMUD 15	2023	5	1,365.24	14.48	1,055.28	3.71	224.10	82.14	0.00
GenGT SMUD 15	2023	6	1,545.13	16.63	1,202.94	5.37	257.33	79.49	0.00
GenGT SMUD 15	2023	7	1,973.52	21.35	1,555.49	5.55	330.32	82.14	0.00
GenGT SMUD 15	2023	8	2,071.31	22.14	1,640.96	5.55	342.66	82.14	0.00
GenGT SMUD 15	2023	9	1,646.00	17.01	1,296.95	6.26	263.29	79.49	0.00
GenGT SMUD 15	2023	10	939.09	8.99	712.27	5.55	139.12	82.14	0.00
GenGT SMUD 15	2023	11	1,538.36	14.74	1,225.35	5.37	228.14	79.49	0.00
GenGT SMUD 15	2023	12	1,710.82	15.68	1,377.76	8.31	242.60	82.14	0.00
GenGT SMUD 16	2023		14,941.17	150.04	11,579.62	72.54	2,321.84	967.18	0.00
GenGT SMUD 16	2023	1	962.43	8.81	735.59	8.31	136.38	82.14	0.00
GenGT SMUD 16	2023	2	524.92	4.68	371.62	6.68	72.42	74.19	0.00
GenGT SMUD 16	2023	3	437.62	3.81	290.99	5.55	58.94	82.14	0.00
GenGT SMUD 16	2023	4	296.92	2.36	174.68	6.26	36.48	79.49	0.00
GenGT SMUD 16	2023	5	1,384.80	14.70	1,071.42	3.71	227.53	82.14	0.00
GenGT SMUD 16	2023	6	1,545.13	16.63	1,202.94	5.37	257.33	79.49	0.00
GenGT SMUD 16	2023	7	1,973.52	21.35	1,555.49	5.55	330.32	82.14	0.00
GenGT SMUD 16	2023	8	2,071.31	22.14	1,640.96	5.55	342.66	82.14	0.00
GenGT SMUD 16	2023	9	1,719.78	17.83	1,359.02	5.37	275.90	79.49	0.00
GenGT SMUD 16	2023	10	846.82	8.02	635.08	5.55	124.04	82.14	0.00
GenGT SMUD 16	2023	11	1,525.69	14.61	1,214.66	5.37	226.16	79.49	0.00
GenGT SMUD 16	2023	12	1,652.24	15.10	1,327.17	9.23	233.69	82.14	0.00
GenGT SMUD 17	2023		14,512.38	145.26	11,226.52	70.73	2,247.95	967.18	0.00
GenGT SMUD 17	2023	1	962.43	8.81	735.59	8.31	136.38	82.14	0.00
GenGT SMUD 17	2023	2	521.12	4.64	368.44	6.68	71.80	74.19	0.00
GenGT SMUD 17	2023	3	387.88	3.28	250.39	4.63	50.71	82.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 17	2023	4	226.03	1.59	117.51	4.48	24.54	79.49	0.00
GenGT SMUD 17	2023	5	1,228.30	12.93	942.33	3.71	200.11	82.14	0.00
GenGT SMUD 17	2023	6	1,526.31	16.41	1,187.44	5.37	254.01	79.49	0.00
GenGT SMUD 17	2023	7	1,915.75	20.68	1,507.09	6.47	320.04	82.14	0.00
GenGT SMUD 17	2023	8	2,051.48	21.92	1,624.55	5.55	339.23	82.14	0.00
GenGT SMUD 17	2023	9	1,719.78	17.83	1,359.02	5.37	275.90	79.49	0.00
GenGT SMUD 17	2023	10	800.69	7.53	596.48	5.55	116.50	82.14	0.00
GenGT SMUD 17	2023	11	1,480.10	14.14	1,175.48	6.26	218.86	79.49	0.00
GenGT SMUD 17	2023	12	1,692.51	15.50	1,362.19	8.31	239.86	82.14	0.00
GenGT SMUD 18	2023		14,721.16	147.66	11,402.66	66.25	2,285.07	967.18	0.00
GenGT SMUD 18	2023	1	1,075.43	9.96	831.70	7.39	154.20	82.14	0.00
GenGT SMUD 18	2023	2	474.75	4.16	330.33	5.85	64.38	74.19	0.00
GenGT SMUD 18	2023	3	374.75	3.14	240.23	3.71	48.66	82.14	0.00
GenGT SMUD 18	2023	4	348.00	2.96	219.15	3.59	45.76	79.49	0.00
GenGT SMUD 18	2023	5	1,384.80	14.70	1,071.42	3.71	227.53	82.14	0.00
GenGT SMUD 18	2023	6	1,499.97	16.11	1,165.73	5.37	249.37	79.49	0.00
GenGT SMUD 18	2023	7	1,950.04	21.08	1,536.13	5.55	326.21	82.14	0.00
GenGT SMUD 18	2023	8	1,992.89	21.26	1,575.32	6.47	328.95	82.14	0.00
GenGT SMUD 18	2023	9	1,680.48	17.40	1,326.35	5.37	269.26	79.49	0.00
GenGT SMUD 18	2023	10	791.38	7.44	589.47	4.63	115.13	82.14	0.00
GenGT SMUD 18	2023	11	1,547.70	14.83	1,232.47	6.26	229.47	79.49	0.00
GenGT SMUD 18	2023	12	1,600.97	14.61	1,284.35	8.31	226.16	82.14	0.00
GenGT SMUD 19	2023		14,421.68	144.48	11,156.03	62.66	2,235.82	967.18	0.00
GenGT SMUD 19	2023	1	987.80	9.08	757.77	7.39	140.49	82.14	0.00
GenGT SMUD 19	2023	2	410.23	3.48	276.33	5.85	53.85	74.19	0.00
GenGT SMUD 19	2023	3	300.59	2.35	179.33	2.79	36.32	82.14	0.00
GenGT SMUD 19	2023	4	335.59	2.83	209.62	2.70	43.77	79.49	0.00
GenGT SMUD 19	2023	5	1,384.80	14.70	1,071.42	3.71	227.53	82.14	0.00
GenGT SMUD 19	2023	6	1,476.50	15.86	1,147.13	4.48	245.39	79.49	0.00
GenGT SMUD 19	2023	7	1,911.84	20.64	1,503.86	6.47	319.36	82.14	0.00
GenGT SMUD 19	2023	8	2,031.64	21.70	1,608.14	5.55	335.81	82.14	0.00
GenGT SMUD 19	2023	9	1,715.85	17.79	1,355.75	5.37	275.23	79.49	0.00
GenGT SMUD 19	2023	10	618.50	5.62	445.61	3.71	87.04	82.14	0.00
GenGT SMUD 19	2023	11	1,614.42	15.51	1,289.47	5.37	240.08	79.49	0.00
GenGT SMUD 19	2023	12	1,633.93	14.92	1,311.60	9.23	230.95	82.14	0.00
GenGT SMUD 2	2023		13,899.77	138.90	10,715.79	67.28	2,149.51	967.18	0.00
GenGT SMUD 2	2023	1	923.91	8.41	702.32	9.23	130.21	82.14	0.00
GenGT SMUD 2	2023	2	291.74	2.24	177.87	5.02	34.66	74.19	0.00
GenGT SMUD 2	2023	3	337.21	2.75	209.78	2.79	42.49	82.14	0.00
GenGT SMUD 2	2023	4	324.07	2.70	200.09	2.70	41.78	79.49	0.00
GenGT SMUD 2	2023	5	1,286.99	13.60	990.74	3.71	210.39	82.14	0.00
GenGT SMUD 2	2023	6	1,420.04	15.21	1,100.63	4.48	235.44	79.49	0.00
GenGT SMUD 2	2023	7	1,911.84	20.64	1,503.86	6.47	319.36	82.14	0.00
GenGT SMUD 2	2023	8	1,992.89	21.26	1,575.32	6.47	328.95	82.14	0.00
GenGT SMUD 2	2023	9	1,657.79	17.14	1,306.75	6.26	265.28	79.49	0.00
GenGT SMUD 2	2023	10	699.11	6.47	512.27	4.63	100.06	82.14	0.00
GenGT SMUD 2	2023	11	1,484.32	14.19	1,179.04	6.26	219.52	79.49	0.00
GenGT SMUD 2	2023	12	1,569.84	14.30	1,257.11	9.23	221.36	82.14	0.00
GenGT SMUD 20	2023		14,315.60	143.41	11,068.06	61.05	2,219.30	967.18	0.00
GenGT SMUD 20	2023	1	821.29	7.40	617.31	7.39	114.45	82.14	0.00
GenGT SMUD 20	2023	2	290.08	2.24	177.87	3.35	34.66	74.19	0.00
GenGT SMUD 20	2023	3	250.84	1.82	138.73	1.87	28.10	82.14	0.00
GenGT SMUD 20	2023	4	327.91	2.74	203.27	2.70	42.45	79.49	0.00
GenGT SMUD 20	2023	5	1,384.80	14.70	1,071.42	3.71	227.53	82.14	0.00
GenGT SMUD 20	2023	6	1,438.86	15.43	1,116.13	4.48	238.76	79.49	0.00
GenGT SMUD 20	2023	7	1,969.60	21.30	1,552.27	5.55	329.64	82.14	0.00
GenGT SMUD 20	2023	8	2,031.64	21.70	1,608.14	5.55	335.81	82.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 20	2023	9	1,715.85	17.79	1,355.75	5.37	275.23	79.49	0.00
GenGT SMUD 20	2023	10	762.02	7.13	564.91	4.63	110.34	82.14	0.00
GenGT SMUD 20	2023	11	1,678.69	16.16	1,342.90	6.26	250.03	79.49	0.00
GenGT SMUD 20	2023	12	1,644.00	15.01	1,319.38	10.15	232.32	82.14	0.00
GenGT SMUD 21	2023		13,918.00	139.29	10,734.22	61.05	2,155.55	967.18	0.00
GenGT SMUD 21	2023	1	1,023.77	9.43	787.34	8.31	145.97	82.14	0.00
GenGT SMUD 21	2023	2	336.46	2.72	215.98	4.19	42.09	74.19	0.00
GenGT SMUD 21	2023	3	272.11	2.04	155.65	2.79	31.52	82.14	0.00
GenGT SMUD 21	2023	4	222.47	1.59	117.51	0.92	24.54	79.49	0.00
GenGT SMUD 21	2023	5	1,377.90	14.61	1,064.96	4.63	226.16	82.14	0.00
GenGT SMUD 21	2023	6	1,476.50	15.86	1,147.13	4.48	245.39	79.49	0.00
GenGT SMUD 21	2023	7	1,911.84	20.64	1,503.86	6.47	319.36	82.14	0.00
GenGT SMUD 21	2023	8	2,051.48	21.92	1,624.55	5.55	339.23	82.14	0.00
GenGT SMUD 21	2023	9	1,715.85	17.79	1,355.75	5.37	275.23	79.49	0.00
GenGT SMUD 21	2023	10	652.05	5.98	473.68	3.71	92.52	82.14	0.00
GenGT SMUD 21	2023	11	1,339.78	12.73	1,057.93	5.37	196.97	79.49	0.00
GenGT SMUD 21	2023	12	1,537.80	13.99	1,229.87	9.23	216.56	82.14	0.00
GenGT SMUD 25	2023		14,172.85	141.89	10,948.82	61.05	2,195.79	967.18	0.00
GenGT SMUD 25	2023	1	974.65	8.95	746.68	7.39	138.43	82.14	0.00
GenGT SMUD 25	2023	2	336.46	2.72	215.98	4.19	42.09	74.19	0.00
GenGT SMUD 25	2023	3	320.94	2.57	196.25	2.79	39.75	82.14	0.00
GenGT SMUD 25	2023	4	213.90	1.50	111.16	0.03	23.21	79.49	0.00
GenGT SMUD 25	2023	5	1,369.72	14.52	1,058.22	4.63	224.72	82.14	0.00
GenGT SMUD 25	2023	6	1,457.68	15.64	1,131.63	4.48	242.07	79.49	0.00
GenGT SMUD 25	2023	7	1,965.69	21.26	1,549.04	5.55	328.95	82.14	0.00
GenGT SMUD 25	2023	8	1,992.89	21.26	1,575.32	6.47	328.95	82.14	0.00
GenGT SMUD 25	2023	9	1,715.85	17.79	1,355.75	5.37	275.23	79.49	0.00
GenGT SMUD 25	2023	10	657.17	6.02	477.19	4.63	93.20	82.14	0.00
GenGT SMUD 25	2023	11	1,657.56	15.94	1,325.09	6.26	246.71	79.49	0.00
GenGT SMUD 25	2023	12	1,510.34	13.73	1,206.51	9.23	212.45	82.14	0.00
GenGT SMUD 26	2023		13,701.73	136.94	10,556.16	59.19	2,119.20	967.18	0.00
GenGT SMUD 26	2023	1	837.90	7.57	632.09	6.47	117.19	82.14	0.00
GenGT SMUD 26	2023	2	317.48	2.52	200.10	4.19	39.00	74.19	0.00
GenGT SMUD 26	2023	3	258.98	1.90	145.49	1.87	29.47	82.14	0.00
GenGT SMUD 26	2023	4	310.77	2.57	190.56	0.92	39.79	79.49	0.00
GenGT SMUD 26	2023	5	1,241.88	13.06	952.01	5.55	202.17	82.14	0.00
GenGT SMUD 26	2023	6	1,472.85	15.82	1,144.12	4.48	244.74	79.49	0.00
GenGT SMUD 26	2023	7	1,875.22	20.22	1,473.65	6.47	312.94	82.14	0.00
GenGT SMUD 26	2023	8	2,051.48	21.92	1,624.55	5.55	339.23	82.14	0.00
GenGT SMUD 26	2023	9	1,715.85	17.79	1,355.75	5.37	275.23	79.49	0.00
GenGT SMUD 26	2023	10	614.31	5.58	442.10	3.71	86.35	82.14	0.00
GenGT SMUD 26	2023	11	1,404.04	13.37	1,111.36	6.26	206.92	79.49	0.00
GenGT SMUD 26	2023	12	1,600.97	14.61	1,284.35	8.31	226.16	82.14	0.00
GenGT SMUD 27	2023		13,844.06	138.20	10,679.84	58.35	2,138.68	967.18	0.00
GenGT SMUD 27	2023	1	851.96	7.71	643.18	7.39	119.25	82.14	0.00
GenGT SMUD 27	2023	2	301.47	2.36	187.40	3.35	36.52	74.19	0.00
GenGT SMUD 27	2023	3	279.33	2.13	162.41	1.87	32.90	82.14	0.00
GenGT SMUD 27	2023	4	310.77	2.57	190.56	0.92	39.79	79.49	0.00
GenGT SMUD 27	2023	5	1,193.23	12.52	912.64	4.63	193.81	82.14	0.00
GenGT SMUD 27	2023	6	1,397.86	14.95	1,081.62	5.37	231.37	79.49	0.00
GenGT SMUD 27	2023	7	1,828.75	19.71	1,436.09	5.55	304.97	82.14	0.00
GenGT SMUD 27	2023	8	2,031.64	21.70	1,608.14	5.55	335.81	82.14	0.00
GenGT SMUD 27	2023	9	1,715.85	17.79	1,355.75	5.37	275.23	79.49	0.00
GenGT SMUD 27	2023	10	694.92	6.42	508.77	4.63	99.37	82.14	0.00
GenGT SMUD 27	2023	11	1,614.42	15.51	1,289.47	5.37	240.08	79.49	0.00
GenGT SMUD 27	2023	12	1,623.85	14.84	1,303.81	8.31	229.58	82.14	0.00
GenGT SMUD 28	2023		13,444.52	133.96	10,346.82	57.52	2,072.99	967.18	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 33	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2023		13,116.94	130.18	10,077.79	57.46	2,014.50	967.18	0.00
GenGT SMUD 34	2023	1	745.88	6.64	554.47	6.47	102.80	82.14	0.00
GenGT SMUD 34	2023	2	290.08	2.24	177.87	3.35	34.66	74.19	0.00
GenGT SMUD 34	2023	3	193.88	1.20	91.36	1.87	18.50	82.14	0.00
GenGT SMUD 34	2023	4	310.77	2.57	190.56	0.92	39.79	79.49	0.00
GenGT SMUD 34	2023	5	1,143.15	11.96	871.33	4.63	185.04	82.14	0.00
GenGT SMUD 34	2023	6	1,240.86	13.17	953.02	4.48	203.86	79.49	0.00
GenGT SMUD 34	2023	7	1,711.78	18.38	1,339.60	5.55	284.48	82.14	0.00
GenGT SMUD 34	2023	8	1,832.49	19.47	1,442.63	6.47	301.25	82.14	0.00
GenGT SMUD 34	2023	9	1,694.04	17.55	1,337.62	5.37	271.55	79.49	0.00
GenGT SMUD 34	2023	10	736.86	6.86	543.85	4.63	106.22	82.14	0.00
GenGT SMUD 34	2023	11	1,593.29	15.30	1,271.66	5.37	236.77	79.49	0.00
GenGT SMUD 34	2023	12	1,623.85	14.84	1,303.81	8.31	229.58	82.14	0.00
GenGT SMUD 35	2023		12,565.79	124.26	9,618.26	57.46	1,922.88	967.18	0.00
GenGT SMUD 35	2023	1	745.88	6.64	554.47	6.47	102.80	82.14	0.00
GenGT SMUD 35	2023	2	278.70	2.12	168.34	3.35	32.81	74.19	0.00
GenGT SMUD 35	2023	3	250.84	1.82	138.73	1.87	28.10	82.14	0.00
GenGT SMUD 35	2023	4	310.77	2.57	190.56	0.92	39.79	79.49	0.00
GenGT SMUD 35	2023	5	1,063.74	11.06	805.83	4.63	171.13	82.14	0.00
GenGT SMUD 35	2023	6	1,259.45	13.39	968.33	4.48	207.14	79.49	0.00
GenGT SMUD 35	2023	7	1,577.51	16.85	1,228.10	6.47	260.80	82.14	0.00
GenGT SMUD 35	2023	8	1,728.50	18.32	1,357.36	5.55	283.44	82.14	0.00
GenGT SMUD 35	2023	9	1,649.91	17.07	1,300.94	5.37	264.10	79.49	0.00
GenGT SMUD 35	2023	10	736.86	6.86	543.85	4.63	106.22	82.14	0.00
GenGT SMUD 35	2023	11	1,339.78	12.73	1,057.93	5.37	196.97	79.49	0.00
GenGT SMUD 35	2023	12	1,623.85	14.84	1,303.81	8.31	229.58	82.14	0.00
GenGT SMUD 36	2023		11,963.06	117.49	9,121.07	56.60	1,818.20	967.18	0.00
GenGT SMUD 36	2023	1	767.79	6.86	572.95	6.47	106.22	82.14	0.00
GenGT SMUD 36	2023	2	255.10	1.88	149.28	2.52	29.09	74.19	0.00
GenGT SMUD 36	2023	3	214.22	1.42	108.27	1.87	21.93	82.14	0.00
GenGT SMUD 36	2023	4	310.77	2.57	190.56	0.92	39.79	79.49	0.00
GenGT SMUD 36	2023	5	768.16	7.72	562.79	3.71	119.51	82.14	0.00
GenGT SMUD 36	2023	6	1,231.87	13.07	945.61	4.48	202.28	79.49	0.00
GenGT SMUD 36	2023	7	1,464.79	15.58	1,135.12	6.47	241.05	82.14	0.00
GenGT SMUD 36	2023	8	1,692.80	17.92	1,327.83	5.55	277.27	82.14	0.00
GenGT SMUD 36	2023	9	1,523.28	15.69	1,195.68	5.37	242.74	79.49	0.00
GenGT SMUD 36	2023	10	715.89	6.64	526.31	4.63	102.80	82.14	0.00
GenGT SMUD 36	2023	11	1,463.20	13.97	1,161.23	6.26	216.21	79.49	0.00
GenGT SMUD 36	2023	12	1,555.19	14.17	1,245.43	8.31	219.30	82.14	0.00
GenGT SMUD 37	2023		11,293.60	110.00	8,570.20	54.02	1,702.20	967.18	0.00
GenGT SMUD 37	2023	1	812.53	7.31	609.91	7.39	113.08	82.14	0.00
GenGT SMUD 37	2023	2	169.94	1.00	79.41	0.86	15.47	74.19	0.00
GenGT SMUD 37	2023	3	131.93	0.53	40.60	0.96	8.22	82.14	0.00
GenGT SMUD 37	2023	4	152.47	0.81	60.34	0.03	12.60	79.49	0.00
GenGT SMUD 37	2023	5	568.91	5.48	399.20	2.79	84.77	82.14	0.00
GenGT SMUD 37	2023	6	1,174.13	12.41	898.05	4.48	192.11	79.49	0.00
GenGT SMUD 37	2023	7	1,415.03	15.01	1,094.07	6.47	232.34	82.14	0.00
GenGT SMUD 37	2023	8	1,624.41	17.14	1,270.49	6.47	265.30	82.14	0.00
GenGT SMUD 37	2023	9	1,522.36	15.67	1,194.17	6.26	242.43	79.49	0.00
GenGT SMUD 37	2023	10	694.00	6.42	508.77	3.71	99.37	82.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 37	2023	11	1,404.04	13.37	1,111.36	6.26	206.92	79.49	0.00
GenGT SMUD 37	2023	12	1,623.85	14.84	1,303.81	8.31	229.58	82.14	0.00
GenGT SMUD 38	2023		10,986.27	106.60	8,319.04	50.40	1,649.65	967.18	0.00
GenGT SMUD 38	2023	1	767.79	6.86	572.95	6.47	106.22	82.14	0.00
GenGT SMUD 38	2023	2	150.13	0.80	63.52	0.03	12.38	74.19	0.00
GenGT SMUD 38	2023	3	163.56	0.89	67.67	0.04	13.71	82.14	0.00
GenGT SMUD 38	2023	4	79.49	0.00	0.00	0.00	0.00	79.49	0.00
GenGT SMUD 38	2023	5	429.30	3.90	284.04	2.79	60.32	82.14	0.00
GenGT SMUD 38	2023	6	1,118.96	11.79	852.60	4.48	182.38	79.49	0.00
GenGT SMUD 38	2023	7	1,388.01	14.72	1,072.55	5.55	227.77	82.14	0.00
GenGT SMUD 38	2023	8	1,606.07	16.95	1,256.09	5.55	262.29	82.14	0.00
GenGT SMUD 38	2023	9	1,500.59	15.43	1,176.08	6.26	238.76	79.49	0.00
GenGT SMUD 38	2023	10	736.86	6.86	543.85	4.63	106.22	82.14	0.00
GenGT SMUD 38	2023	11	1,467.42	14.01	1,164.80	6.26	216.87	79.49	0.00
GenGT SMUD 38	2023	12	1,578.08	14.39	1,264.89	8.31	222.73	82.14	0.00
GenGT SMUD 39	2023		10,823.16	104.66	8,185.00	51.38	1,619.59	967.18	0.00
GenGT SMUD 39	2023	1	790.62	7.09	591.43	7.39	109.65	82.14	0.00
GenGT SMUD 39	2023	2	150.13	0.80	63.52	0.03	12.38	74.19	0.00
GenGT SMUD 39	2023	3	163.56	0.89	67.67	0.04	13.71	82.14	0.00
GenGT SMUD 39	2023	4	152.47	0.81	60.34	0.03	12.60	79.49	0.00
GenGT SMUD 39	2023	5	312.08	2.58	188.11	1.87	39.95	82.14	0.00
GenGT SMUD 39	2023	6	995.25	10.38	750.69	4.48	160.58	79.49	0.00
GenGT SMUD 39	2023	7	1,411.06	14.98	1,091.56	5.55	231.80	82.14	0.00
GenGT SMUD 39	2023	8	1,539.47	16.20	1,200.23	6.47	250.63	82.14	0.00
GenGT SMUD 39	2023	9	1,498.01	15.41	1,174.67	5.37	238.47	79.49	0.00
GenGT SMUD 39	2023	10	720.08	6.69	529.82	4.63	103.48	82.14	0.00
GenGT SMUD 39	2023	11	1,488.55	14.23	1,182.61	6.26	220.19	79.49	0.00
GenGT SMUD 39	2023	12	1,601.89	14.61	1,284.35	9.23	226.16	82.14	0.00
GenGT SMUD 4	2023		10,286.20	98.81	7,744.07	45.92	1,529.03	967.18	0.00
GenGT SMUD 4	2023	1	745.88	6.64	554.47	6.47	102.80	82.14	0.00
GenGT SMUD 4	2023	2	150.13	0.80	63.52	0.03	12.38	74.19	0.00
GenGT SMUD 4	2023	3	82.14	0.00	0.00	0.00	0.00	82.14	0.00
GenGT SMUD 4	2023	4	109.76	0.34	25.01	0.03	5.22	79.49	0.00
GenGT SMUD 4	2023	5	295.55	2.38	173.72	2.79	36.89	82.14	0.00
GenGT SMUD 4	2023	6	984.65	10.27	742.69	3.59	158.87	79.49	0.00
GenGT SMUD 4	2023	7	1,242.23	13.07	952.30	5.55	202.23	82.14	0.00
GenGT SMUD 4	2023	8	1,533.39	16.14	1,195.96	5.55	249.74	82.14	0.00
GenGT SMUD 4	2023	9	1,399.60	14.34	1,092.87	5.37	221.86	79.49	0.00
GenGT SMUD 4	2023	10	656.25	6.02	477.19	3.71	93.20	82.14	0.00
GenGT SMUD 4	2023	11	1,439.87	13.75	1,143.07	4.48	212.82	79.49	0.00
GenGT SMUD 4	2023	12	1,646.74	15.06	1,323.27	8.31	233.01	82.14	0.00
GenGT SMUD 40	2023		9,995.40	95.60	7,499.47	49.39	1,479.35	967.18	0.00
GenGT SMUD 40	2023	1	723.97	6.42	535.98	6.47	99.37	82.14	0.00
GenGT SMUD 40	2023	2	246.67	1.80	142.93	1.69	27.85	74.19	0.00
GenGT SMUD 40	2023	3	163.56	0.89	67.67	0.04	13.71	82.14	0.00
GenGT SMUD 40	2023	4	79.49	0.00	0.00	0.00	0.00	79.49	0.00
GenGT SMUD 40	2023	5	245.35	1.82	132.31	2.79	28.10	82.14	0.00
GenGT SMUD 40	2023	6	1,000.86	10.44	755.31	4.48	161.57	79.49	0.00
GenGT SMUD 40	2023	7	1,274.20	13.43	978.67	5.55	207.83	82.14	0.00
GenGT SMUD 40	2023	8	1,316.39	13.72	1,016.44	5.55	212.25	82.14	0.00
GenGT SMUD 40	2023	9	1,272.62	12.95	987.31	5.37	200.44	79.49	0.00
GenGT SMUD 40	2023	10	660.78	6.06	480.21	4.63	93.79	82.14	0.00
GenGT SMUD 40	2023	11	1,420.01	13.55	1,126.33	4.48	209.71	79.49	0.00
GenGT SMUD 40	2023	12	1,591.49	14.52	1,276.30	8.31	224.74	82.14	0.00
GenGT SMUD 41	2023		9,416.70	89.28	7,019.38	48.47	1,381.67	967.18	0.00
GenGT SMUD 41	2023	1	745.88	6.64	554.47	6.47	102.80	82.14	0.00
GenGT SMUD 41	2023	2	246.67	1.80	142.93	1.69	27.85	74.19	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 41	2023	3	147.28	0.71	54.14	0.04	10.97	82.14	0.00
GenGT SMUD 41	2023	4	79.49	0.00	0.00	0.00	0.00	79.49	0.00
GenGT SMUD 41	2023	5	221.88	1.55	112.95	2.79	23.99	82.14	0.00
GenGT SMUD 41	2023	6	821.81	8.41	608.55	3.59	130.18	79.49	0.00
GenGT SMUD 41	2023	7	1,156.82	12.10	881.85	5.55	187.27	82.14	0.00
GenGT SMUD 41	2023	8	1,317.54	13.73	1,017.39	5.55	212.45	82.14	0.00
GenGT SMUD 41	2023	9	1,268.49	12.91	983.88	5.37	199.74	79.49	0.00
GenGT SMUD 41	2023	10	463.31	3.99	315.77	3.71	61.68	82.14	0.00
GenGT SMUD 41	2023	11	1,424.28	13.59	1,129.17	5.37	210.24	79.49	0.00
GenGT SMUD 41	2023	12	1,523.24	13.86	1,218.27	8.31	214.52	82.14	0.00
GenGT SMUD 42	2023		8,652.45	81.16	6,380.86	48.41	1,256.00	967.18	0.00
GenGT SMUD 42	2023	1	702.06	6.20	517.50	6.47	95.94	82.14	0.00
GenGT SMUD 42	2023	2	246.67	1.80	142.93	1.69	27.85	74.19	0.00
GenGT SMUD 42	2023	3	131.01	0.53	40.60	0.04	8.22	82.14	0.00
GenGT SMUD 42	2023	4	79.49	0.00	0.00	0.00	0.00	79.49	0.00
GenGT SMUD 42	2023	5	177.92	1.06	77.45	1.87	16.45	82.14	0.00
GenGT SMUD 42	2023	6	701.89	7.04	509.02	4.48	108.89	79.49	0.00
GenGT SMUD 42	2023	7	1,195.56	12.54	913.80	5.55	194.05	82.14	0.00
GenGT SMUD 42	2023	8	1,297.30	13.50	1,000.65	5.55	208.95	82.14	0.00
GenGT SMUD 42	2023	9	1,075.72	10.81	823.64	5.37	167.21	79.49	0.00
GenGT SMUD 42	2023	10	283.34	2.10	166.75	1.87	32.57	82.14	0.00
GenGT SMUD 42	2023	11	1,317.67	12.50	1,038.55	6.26	193.37	79.49	0.00
GenGT SMUD 42	2023	12	1,443.81	13.08	1,149.95	9.23	202.49	82.14	0.00
GenGT SMUD 43	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 43	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 44	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 45	2023		7,327.08	67.09	5,274.99	46.69	1,038.22	967.18	0.00
GenGT SMUD 45	2023	1	702.06	6.20	517.50	6.47	95.94	82.14	0.00
GenGT SMUD 45	2023	2	131.16	0.60	47.64	0.03	9.29	74.19	0.00
GenGT SMUD 45	2023	3	114.73	0.35	27.07	0.04	5.48	82.14	0.00
GenGT SMUD 45	2023	4	79.49	0.00	0.00	0.00	0.00	79.49	0.00
GenGT SMUD 45	2023	5	142.71	0.66	48.41	1.87	10.28	82.14	0.00
GenGT SMUD 45	2023	6	520.05	4.98	359.96	3.59	77.00	79.49	0.00
GenGT SMUD 45	2023	7	1,172.28	12.28	894.60	5.55	189.98	82.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 45	2023	8	1,124.57	11.57	857.76	5.55	179.11	82.14	0.00
GenGT SMUD 45	2023	9	948.22	9.41	716.92	6.26	145.54	79.49	0.00
GenGT SMUD 45	2023	10	143.48	0.65	51.29	0.04	10.02	82.14	0.00
GenGT SMUD 45	2023	11	880.02	8.04	668.09	8.04	124.39	79.49	0.00
GenGT SMUD 45	2023	12	1,368.31	12.35	1,085.75	9.23	191.18	82.14	0.00
GenGT SMUD 46	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2023		6,570.64	59.22	4,648.48	38.62	916.37	967.18	0.00
GenGT SMUD 5	2023	1	618.95	5.37	448.16	5.55	83.09	82.14	0.00
GenGT SMUD 5	2023	2	112.18	0.40	31.76	0.03	6.19	74.19	0.00
GenGT SMUD 5	2023	3	82.14	0.00	0.00	0.00	0.00	82.14	0.00
GenGT SMUD 5	2023	4	79.49	0.00	0.00	0.00	0.00	79.49	0.00
GenGT SMUD 5	2023	5	107.49	0.27	19.36	1.87	4.11	82.14	0.00
GenGT SMUD 5	2023	6	409.63	3.73	269.73	2.70	57.70	79.49	0.00
GenGT SMUD 5	2023	7	1,127.95	11.77	858.04	5.55	182.21	82.14	0.00
GenGT SMUD 5	2023	8	1,127.19	11.60	859.93	5.55	179.57	82.14	0.00
GenGT SMUD 5	2023	9	849.90	8.34	635.93	5.37	129.10	79.49	0.00
GenGT SMUD 5	2023	10	124.12	0.44	35.09	0.04	6.85	82.14	0.00
GenGT SMUD 5	2023	11	679.95	6.06	503.93	2.70	93.82	79.49	0.00
GenGT SMUD 5	2023	12	1,251.65	11.23	986.56	9.23	173.72	82.14	0.00
GenGT SMUD 6	2023		6,155.29	54.88	4,302.14	36.72	849.25	967.18	0.00
GenGT SMUD 6	2023	1	540.92	4.59	383.12	4.63	71.03	82.14	0.00
GenGT SMUD 6	2023	2	97.00	0.24	19.06	0.03	3.71	74.19	0.00
GenGT SMUD 6	2023	3	82.14	0.00	0.00	0.00	0.00	82.14	0.00
GenGT SMUD 6	2023	4	79.49	0.00	0.00	0.00	0.00	79.49	0.00
GenGT SMUD 6	2023	5	98.75	0.18	12.91	0.96	2.74	82.14	0.00
GenGT SMUD 6	2023	6	353.18	3.09	223.23	2.70	47.75	79.49	0.00
GenGT SMUD 6	2023	7	1,059.40	11.00	801.50	5.55	170.21	82.14	0.00
GenGT SMUD 6	2023	8	1,086.01	11.14	825.86	5.55	172.45	82.14	0.00
GenGT SMUD 6	2023	9	792.68	7.72	588.36	5.37	119.44	79.49	0.00
GenGT SMUD 6	2023	10	124.12	0.44	35.09	0.04	6.85	82.14	0.00
GenGT SMUD 6	2023	11	817.70	7.44	618.55	4.48	115.17	79.49	0.00
GenGT SMUD 6	2023	12	1,023.90	9.04	794.47	7.39	139.89	82.14	0.00
GenGT SMUD 7	2023		5,152.26	44.60	3,465.48	29.48	690.13	967.18	0.00
GenGT SMUD 7	2023	1	524.03	4.43	369.64	3.71	68.53	82.14	0.00
GenGT SMUD 7	2023	2	74.19	0.00	0.00	0.00	0.00	74.19	0.00
GenGT SMUD 7	2023	3	82.14	0.00	0.00	0.00	0.00	82.14	0.00
GenGT SMUD 7	2023	4	79.49	0.00	0.00	0.00	0.00	79.49	0.00
GenGT SMUD 7	2023	5	103.58	0.22	16.14	1.87	3.43	82.14	0.00
GenGT SMUD 7	2023	6	284.54	2.31	167.42	1.81	35.81	79.49	0.00
GenGT SMUD 7	2023	7	1,006.39	10.40	757.77	5.55	160.92	82.14	0.00
GenGT SMUD 7	2023	8	1,036.34	10.59	784.77	5.55	163.87	82.14	0.00
GenGT SMUD 7	2023	9	559.43	5.19	395.96	3.59	80.38	79.49	0.00
GenGT SMUD 7	2023	10	124.12	0.44	35.09	0.04	6.85	82.14	0.00
GenGT SMUD 7	2023	11	673.74	6.00	498.69	2.70	92.85	79.49	0.00
GenGT SMUD 7	2023	12	604.26	5.01	440.00	4.63	77.48	82.14	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Kiefer Landfil 1	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2023		855.36	97.20	855.36	0.00	0.00	0.00	0.00
Loon Lake	2023	1	45.76	5.20	45.76	0.00	0.00	0.00	0.00
Loon Lake	2023	2	90.64	10.30	90.64	0.00	0.00	0.00	0.00
Loon Lake	2023	3	73.04	8.30	73.04	0.00	0.00	0.00	0.00
Loon Lake	2023	4	64.24	7.30	64.24	0.00	0.00	0.00	0.00
Loon Lake	2023	5	83.60	9.50	83.60	0.00	0.00	0.00	0.00
Loon Lake	2023	6	120.56	13.70	120.56	0.00	0.00	0.00	0.00
Loon Lake	2023	7	112.64	12.80	112.64	0.00	0.00	0.00	0.00
Loon Lake	2023	8	98.56	11.20	98.56	0.00	0.00	0.00	0.00
Loon Lake	2023	9	47.52	5.40	47.52	0.00	0.00	0.00	0.00
Loon Lake	2023	10	44.00	5.00	44.00	0.00	0.00	0.00	0.00
Loon Lake	2023	11	29.04	3.30	29.04	0.00	0.00	0.00	0.00
Loon Lake	2023	12	45.76	5.20	45.76	0.00	0.00	0.00	0.00
McClellan CT 1	2023		489.53	0.00	0.00	0.00	0.00	489.53	0.00
McClellan CT 1	2023	1	41.58	0.00	0.00	0.00	0.00	41.58	0.00
McClellan CT 1	2023	2	37.55	0.00	0.00	0.00	0.00	37.55	0.00
McClellan CT 1	2023	3	41.58	0.00	0.00	0.00	0.00	41.58	0.00
McClellan CT 1	2023	4	40.24	0.00	0.00	0.00	0.00	40.24	0.00
McClellan CT 1	2023	5	41.58	0.00	0.00	0.00	0.00	41.58	0.00
McClellan CT 1	2023	6	40.24	0.00	0.00	0.00	0.00	40.24	0.00
McClellan CT 1	2023	7	41.58	0.00	0.00	0.00	0.00	41.58	0.00
McClellan CT 1	2023	8	41.58	0.00	0.00	0.00	0.00	41.58	0.00
McClellan CT 1	2023	9	40.24	0.00	0.00	0.00	0.00	40.24	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
McClellan CT 1	2023	10	41.58	0.00	0.00	0.00	0.00	41.58	0.00
McClellan CT 1	2023	11	40.24	0.00	0.00	0.00	0.00	40.24	0.00
McClellan CT 1	2023	12	41.58	0.00	0.00	0.00	0.00	41.58	0.00
McClellan CT 2	2023		7,819.72	91.75	6,914.84	157.74	257.54	489.53	0.07
McClellan CT 2	2023	1	613.00	6.63	538.61	14.21	18.60	41.58	0.00
McClellan CT 2	2023	2	448.57	4.95	382.50	14.64	13.88	37.55	0.00
McClellan CT 2	2023	3	563.63	6.63	493.02	10.43	18.60	41.58	0.00
McClellan CT 2	2023	4	436.06	5.15	371.58	9.79	14.45	40.24	0.00
McClellan CT 2	2023	5	613.68	7.62	540.76	9.95	21.39	41.58	0.01
McClellan CT 2	2023	6	704.16	8.87	624.74	14.29	24.89	40.24	0.01
McClellan CT 2	2023	7	798.61	10.06	713.92	14.87	28.23	41.58	0.01
McClellan CT 2	2023	8	888.41	11.09	800.57	15.12	31.13	41.58	0.01
McClellan CT 2	2023	9	706.23	8.45	627.22	15.05	23.71	40.24	0.01
McClellan CT 2	2023	10	614.19	6.96	536.91	16.17	19.53	41.58	0.01
McClellan CT 2	2023	11	599.74	6.58	532.77	8.26	18.47	40.24	0.00
McClellan CT 2	2023	12	833.45	8.79	752.24	14.96	24.67	41.58	0.01
MorganStanley1_O	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2023		19,386.11	105.70	7,940.70	137.83	1,635.75	9,671.83	0.00
Peaker SMUD 1	2023	1	1,785.15	9.66	806.71	7.43	149.56	821.44	0.00
Peaker SMUD 1	2023	2	741.95	0.00	0.00	0.00	0.00	741.95	0.00
Peaker SMUD 1	2023	3	821.44	0.00	0.00	0.00	0.00	821.44	0.00
Peaker SMUD 1	2023	4	794.94	0.00	0.00	0.00	0.00	794.94	0.00
Peaker SMUD 1	2023	5	821.44	0.00	0.00	0.00	0.00	821.44	0.00
Peaker SMUD 1	2023	6	1,464.90	7.42	536.98	18.11	114.87	794.94	0.00
Peaker SMUD 1	2023	7	4,108.77	36.67	2,672.54	47.26	567.54	821.44	0.00
Peaker SMUD 1	2023	8	4,595.33	41.62	3,084.43	45.38	644.08	821.44	0.00
Peaker SMUD 1	2023	9	1,165.73	3.84	292.40	19.03	59.36	794.94	0.00
Peaker SMUD 1	2023	10	821.44	0.00	0.00	0.00	0.00	821.44	0.00
Peaker SMUD 1	2023	11	1,254.43	4.66	387.13	0.27	72.08	794.94	0.00
Peaker SMUD 1	2023	12	1,010.57	1.83	160.51	0.35	28.26	821.44	0.00
Peaker SMUD 2	2023		9,491.32	8.39	615.77	41.13	129.77	8,704.65	0.00
Peaker SMUD 2	2023	1	739.30	0.00	0.00	0.00	0.00	739.30	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPM Energy 2	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPM Energy 2	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2023		11,653.58	134.94	10,115.73	208.69	978.20	350.87	0.10
Procter & G GT 1	2023	1	864.84	9.24	750.87	17.21	66.95	29.80	0.01
Procter & G GT 1	2023	2	26.92	0.00	0.00	0.00	0.00	26.92	0.00
Procter & G GT 1	2023	3	528.50	6.04	449.52	5.38	43.79	29.80	0.00
Procter & G GT 1	2023	4	208.77	2.26	163.33	0.19	16.40	28.84	0.00
Procter & G GT 1	2023	5	974.65	11.89	843.64	15.03	86.17	29.80	0.01
Procter & G GT 1	2023	6	1,307.74	16.15	1,137.88	23.94	117.07	28.84	0.01
Procter & G GT 1	2023	7	1,599.20	19.68	1,396.86	29.86	142.67	29.80	0.01
Procter & G GT 1	2023	8	1,633.31	19.81	1,429.55	30.37	143.57	29.80	0.01
Procter & G GT 1	2023	9	1,390.51	16.34	1,213.00	30.23	118.44	28.84	0.01
Procter & G GT 1	2023	10	769.92	8.57	661.62	16.34	62.15	29.80	0.01
Procter & G GT 1	2023	11	1,331.59	14.52	1,175.44	22.04	105.26	28.84	0.01

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Procter & G GT 1	2023	12	1,017.66	10.44	894.01	18.12	75.71	29.80	0.01
Robbs Peak	2023		432.08	49.10	432.08	0.00	0.00	0.00	0.00
Robbs Peak	2023	1	31.68	3.60	31.68	0.00	0.00	0.00	0.00
Robbs Peak	2023	2	47.52	5.40	47.52	0.00	0.00	0.00	0.00
Robbs Peak	2023	3	58.96	6.70	58.96	0.00	0.00	0.00	0.00
Robbs Peak	2023	4	63.36	7.20	63.36	0.00	0.00	0.00	0.00
Robbs Peak	2023	5	63.36	7.20	63.36	0.00	0.00	0.00	0.00
Robbs Peak	2023	6	49.28	5.60	49.28	0.00	0.00	0.00	0.00
Robbs Peak	2023	7	33.44	3.80	33.44	0.00	0.00	0.00	0.00
Robbs Peak	2023	8	28.16	3.20	28.16	0.00	0.00	0.00	0.00
Robbs Peak	2023	9	13.20	1.50	13.20	0.00	0.00	0.00	0.00
Robbs Peak	2023	10	11.44	1.30	11.44	0.00	0.00	0.00	0.00
Robbs Peak	2023	11	9.68	1.10	9.68	0.00	0.00	0.00	0.00
Robbs Peak	2023	12	22.00	2.50	22.00	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2023		53,334.43	715.43	48,791.54	8.12	-2,022.67	6,556.97	0.47
SCA P&G Cogen 1	2023	1	4,417.68	54.67	4,014.57	0.74	-154.56	556.89	0.04
SCA P&G Cogen 1	2023	2	3,528.38	45.12	3,152.29	0.64	-127.57	503.00	0.03
SCA P&G Cogen 1	2023	3	4,246.11	57.28	3,850.45	0.68	-161.95	556.89	0.04
SCA P&G Cogen 1	2023	4	3,776.08	51.89	3,383.18	0.64	-146.70	538.93	0.03
SCA P&G Cogen 1	2023	5	4,388.01	62.50	4,007.14	0.65	-176.71	556.89	0.04
SCA P&G Cogen 1	2023	6	4,280.30	61.51	3,914.60	0.62	-173.89	538.93	0.04
SCA P&G Cogen 1	2023	7	4,632.17	66.49	4,262.56	0.65	-187.97	556.89	0.04
SCA P&G Cogen 1	2023	8	4,978.63	70.88	4,621.42	0.66	-200.39	556.89	0.05
SCA P&G Cogen 1	2023	9	4,877.64	67.53	4,528.93	0.65	-190.92	538.93	0.04
SCA P&G Cogen 1	2023	10	4,296.79	55.91	3,897.22	0.70	-158.07	556.89	0.04
SCA P&G Cogen 1	2023	11	4,685.68	58.98	4,312.74	0.71	-166.74	538.93	0.04
SCA P&G Cogen 1	2023	12	5,226.96	62.68	4,846.46	0.78	-177.21	556.89	0.04
Slab Creek	2023		11.57	1.32	11.57	0.00	0.00	0.00	0.00
Slab Creek	2023	1	0.65	0.07	0.65	0.00	0.00	0.00	0.00
Slab Creek	2023	2	0.59	0.07	0.59	0.00	0.00	0.00	0.00
Slab Creek	2023	3	0.65	0.07	0.65	0.00	0.00	0.00	0.00
Slab Creek	2023	4	0.63	0.07	0.63	0.00	0.00	0.00	0.00
Slab Creek	2023	5	0.65	0.07	0.65	0.00	0.00	0.00	0.00
Slab Creek	2023	6	1.27	0.14	1.27	0.00	0.00	0.00	0.00
Slab Creek	2023	7	1.31	0.15	1.31	0.00	0.00	0.00	0.00
Slab Creek	2023	8	1.31	0.15	1.31	0.00	0.00	0.00	0.00
Slab Creek	2023	9	1.27	0.14	1.27	0.00	0.00	0.00	0.00
Slab Creek	2023	10	1.31	0.15	1.31	0.00	0.00	0.00	0.00
Slab Creek	2023	11	1.27	0.14	1.27	0.00	0.00	0.00	0.00
Slab Creek	2023	12	0.65	0.07	0.65	0.00	0.00	0.00	0.00
SMUD PV 1	2023		253.89	61.99	0.00	0.00	114.47	139.42	0.00
SMUD PV 1	2023	1	12.09	0.14	0.00	0.00	0.25	11.84	0.00
SMUD PV 1	2023	2	11.75	0.57	0.00	0.00	1.05	10.70	0.00
SMUD PV 1	2023	3	15.71	2.10	0.00	0.00	3.87	11.84	0.00
SMUD PV 1	2023	4	19.39	4.30	0.00	0.00	7.93	11.46	0.00
SMUD PV 1	2023	5	22.81	5.94	0.00	0.00	10.97	11.84	0.00
SMUD PV 1	2023	6	34.00	12.20	0.00	0.00	22.54	11.46	0.00
SMUD PV 1	2023	7	34.12	12.07	0.00	0.00	22.28	11.84	0.00
SMUD PV 1	2023	8	32.72	11.31	0.00	0.00	20.88	11.84	0.00
SMUD PV 1	2023	9	29.76	9.91	0.00	0.00	18.30	11.46	0.00
SMUD PV 1	2023	10	16.63	2.59	0.00	0.00	4.79	11.84	0.00
SMUD PV 1	2023	11	12.79	0.72	0.00	0.00	1.33	11.46	0.00
SMUD PV 1	2023	12	12.12	0.15	0.00	0.00	0.27	11.84	0.00
SMUD Solano Wi 2	2023		1,016.93	286.05	0.00	0.00	0.00	1,016.93	0.00
SMUD Solano Wi 2	2023	1	86.37	2.49	0.00	0.00	0.00	86.37	0.00
SMUD Solano Wi 2	2023	2	78.01	3.69	0.00	0.00	0.00	78.01	0.00
SMUD Solano Wi 2	2023	3	86.37	15.02	0.00	0.00	0.00	86.37	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
WAPA 1	2023	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2023	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2023	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2023		7,954.72	903.95	7,954.72	0.00	0.00	0.00	0.00
WAPA 2	2023	1	496.93	56.47	496.93	0.00	0.00	0.00	0.00
WAPA 2	2023	2	520.99	59.20	520.99	0.00	0.00	0.00	0.00
WAPA 2	2023	3	533.60	60.64	533.60	0.00	0.00	0.00	0.00
WAPA 2	2023	4	586.08	66.60	586.08	0.00	0.00	0.00	0.00
WAPA 2	2023	5	797.45	90.62	797.45	0.00	0.00	0.00	0.00
WAPA 2	2023	6	883.87	100.44	883.87	0.00	0.00	0.00	0.00
WAPA 2	2023	7	1,144.45	130.05	1,144.45	0.00	0.00	0.00	0.00
WAPA 2	2023	8	919.23	104.46	919.23	0.00	0.00	0.00	0.00
WAPA 2	2023	9	731.17	83.09	731.17	0.00	0.00	0.00	0.00
WAPA 2	2023	10	509.37	57.88	509.37	0.00	0.00	0.00	0.00
WAPA 2	2023	11	370.66	42.12	370.66	0.00	0.00	0.00	0.00
WAPA 2	2023	12	460.92	52.38	460.92	0.00	0.00	0.00	0.00
White Rock	2023		4,799.52	545.40	4,799.52	0.00	0.00	0.00	0.00
White Rock	2023	1	377.52	42.90	377.52	0.00	0.00	0.00	0.00
White Rock	2023	2	412.72	46.90	412.72	0.00	0.00	0.00	0.00
White Rock	2023	3	606.32	68.90	606.32	0.00	0.00	0.00	0.00
White Rock	2023	4	630.96	71.70	630.96	0.00	0.00	0.00	0.00
White Rock	2023	5	727.76	82.70	727.76	0.00	0.00	0.00	0.00
White Rock	2023	6	549.12	62.40	549.12	0.00	0.00	0.00	0.00
White Rock	2023	7	360.80	41.00	360.80	0.00	0.00	0.00	0.00
White Rock	2023	8	305.36	34.70	305.36	0.00	0.00	0.00	0.00
White Rock	2023	9	267.52	30.40	267.52	0.00	0.00	0.00	0.00
White Rock	2023	10	150.48	17.10	150.48	0.00	0.00	0.00	0.00
White Rock	2023	11	152.24	17.30	152.24	0.00	0.00	0.00	0.00
White Rock	2023	12	258.72	29.40	258.72	0.00	0.00	0.00	0.00
Camino	2024		3,265.20	362.80	3,265.20	0.00	0.00	0.00	0.00
Camino	2024	1	216.90	24.10	216.90	0.00	0.00	0.00	0.00
Camino	2024	2	267.30	29.70	267.30	0.00	0.00	0.00	0.00
Camino	2024	3	359.10	39.90	359.10	0.00	0.00	0.00	0.00
Camino	2024	4	302.40	33.60	302.40	0.00	0.00	0.00	0.00
Camino	2024	5	306.00	34.00	306.00	0.00	0.00	0.00	0.00
Camino	2024	6	297.90	33.10	297.90	0.00	0.00	0.00	0.00
Camino	2024	7	298.80	33.20	298.80	0.00	0.00	0.00	0.00
Camino	2024	8	350.10	38.90	350.10	0.00	0.00	0.00	0.00
Camino	2024	9	312.30	34.70	312.30	0.00	0.00	0.00	0.00
Camino	2024	10	161.10	17.90	161.10	0.00	0.00	0.00	0.00
Camino	2024	11	162.90	18.10	162.90	0.00	0.00	0.00	0.00
Camino	2024	12	230.40	25.60	230.40	0.00	0.00	0.00	0.00
Camp Far West	2024		189.43	21.05	189.43	0.00	0.00	0.00	0.00
Camp Far West	2024	1	15.40	1.71	15.40	0.00	0.00	0.00	0.00
Camp Far West	2024	2	24.43	2.71	24.43	0.00	0.00	0.00	0.00
Camp Far West	2024	3	26.78	2.98	26.78	0.00	0.00	0.00	0.00
Camp Far West	2024	4	22.03	2.45	22.03	0.00	0.00	0.00	0.00
Camp Far West	2024	5	25.44	2.83	25.44	0.00	0.00	0.00	0.00
Camp Far West	2024	6	24.62	2.74	24.62	0.00	0.00	0.00	0.00
Camp Far West	2024	7	20.09	2.23	20.09	0.00	0.00	0.00	0.00
Camp Far West	2024	8	17.41	1.93	17.41	0.00	0.00	0.00	0.00
Camp Far West	2024	9	2.59	0.29	2.59	0.00	0.00	0.00	0.00
Camp Far West	2024	10	1.34	0.15	1.34	0.00	0.00	0.00	0.00
Camp Far West	2024	11	2.59	0.29	2.59	0.00	0.00	0.00	0.00
Camp Far West	2024	12	6.70	0.74	6.70	0.00	0.00	0.00	0.00
Carson Ice CGCC	2024		30,211.05	395.09	27,006.13	1.98	822.60	2,380.09	0.25

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Carson Ice CGCC	2024	1	2,632.45	32.17	2,363.68	0.18	66.97	201.59	0.02
Carson Ice CGCC	2024	2	2,247.26	28.41	1,999.34	0.16	59.16	188.59	0.02
Carson Ice CGCC	2024	3	2,449.59	32.41	2,180.34	0.17	67.48	201.59	0.02
Carson Ice CGCC	2024	4	2,222.07	29.91	1,964.54	0.16	62.27	195.09	0.02
Carson Ice CGCC	2024	5	2,389.98	33.00	2,119.50	0.16	68.71	201.59	0.02
Carson Ice CGCC	2024	6	2,370.78	33.07	2,106.66	0.15	68.86	195.09	0.02
Carson Ice CGCC	2024	7	2,497.93	34.71	2,223.90	0.16	72.26	201.59	0.02
Carson Ice CGCC	2024	8	2,611.98	35.95	2,335.36	0.16	74.84	201.59	0.02
Carson Ice CGCC	2024	9	2,603.62	34.96	2,335.56	0.16	72.79	195.09	0.02
Carson Ice CGCC	2024	10	2,583.62	33.05	2,313.02	0.17	68.81	201.59	0.02
Carson Ice CGCC	2024	11	2,666.84	32.96	2,402.93	0.17	68.63	195.09	0.02
Carson Ice CGCC	2024	12	2,934.92	34.49	2,661.31	0.19	71.81	201.59	0.02
Carson Ice CGGT	2024		12,375.15	120.59	9,954.96	160.31	547.79	1,711.99	0.10
Carson Ice CGGT	2024	1	655.72	5.35	477.96	8.45	24.30	145.00	0.00
Carson Ice CGGT	2024	2	135.65	0.00	0.00	0.00	0.00	135.65	0.00
Carson Ice CGGT	2024	3	374.94	2.66	217.64	0.22	12.07	145.00	0.00
Carson Ice CGGT	2024	4	418.21	3.26	259.34	3.75	14.80	140.33	0.00
Carson Ice CGGT	2024	5	1,134.53	11.80	921.35	14.57	53.59	145.00	0.01
Carson Ice CGGT	2024	6	1,367.68	14.74	1,142.92	17.45	66.97	140.33	0.01
Carson Ice CGGT	2024	7	1,610.16	17.47	1,364.04	21.75	79.34	145.00	0.01
Carson Ice CGGT	2024	8	1,714.16	18.42	1,463.33	22.12	83.69	145.00	0.01
Carson Ice CGGT	2024	9	1,419.31	14.57	1,190.75	22.03	66.19	140.33	0.01
Carson Ice CGGT	2024	10	791.14	7.09	601.99	11.94	32.19	145.00	0.01
Carson Ice CGGT	2024	11	1,322.54	12.45	1,109.57	16.10	56.54	140.33	0.01
Carson Ice CGGT	2024	12	1,431.11	12.79	1,206.06	21.93	58.10	145.00	0.01
CDWR_Ex_6x16OnPl	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2024		29,283.34	389.76	29,283.34	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	1	7,687.57	98.53	7,687.57	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	2	5,612.42	72.18	5,612.42	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	3	2,786.56	38.68	2,786.56	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	4	988.39	16.84	988.39	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	5	884.09	16.11	884.09	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	6	570.53	8.46	570.53	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	7	213.68	3.52	213.68	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	8	174.28	2.16	174.28	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	9	185.60	2.04	185.60	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	10	3,257.21	44.38	3,257.21	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	11	1,947.53	24.12	1,947.53	0.00	0.00	0.00	0.00
CNP15_Markets p	2024	12	4,975.50	62.75	4,975.50	0.00	0.00	0.00	0.00
CNP15_Markets s	2024		-364,971.34	-3,747.67	-364,971.34	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	1	-21,338.96	-206.43	-21,338.96	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	2	-7,435.09	-91.18	-7,435.09	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	3	-10,289.56	-132.21	-10,289.56	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	4	-11,325.86	-140.03	-11,325.86	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	5	-34,569.64	-382.10	-34,569.64	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
CNP15_Markets s	2024	6	-36,894.45	-402.21	-36,894.45	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	7	-49,897.83	-520.17	-49,897.83	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	8	-54,388.26	-519.23	-54,388.26	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	9	-43,046.20	-446.09	-43,046.20	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	10	-18,551.33	-198.65	-18,551.33	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	11	-38,590.53	-371.23	-38,590.53	0.00	0.00	0.00	0.00
CNP15_Markets s	2024	12	-38,643.63	-338.14	-38,643.63	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2024		123,409.51	1,961.10	112,889.13	20.94	8,033.72	2,464.66	1.06
Cosumnes SMUD 1a	2024	1	10,802.76	160.65	9,933.92	1.90	658.09	208.76	0.09
Cosumnes SMUD 1a	2024	2	9,561.63	148.63	8,755.72	1.70	608.85	195.29	0.08
Cosumnes SMUD 1a	2024	3	9,840.96	158.42	8,981.39	1.74	648.98	208.76	0.09
Cosumnes SMUD 1a	2024	4	9,303.17	153.75	8,469.58	1.64	629.84	202.02	0.08
Cosumnes SMUD 1a	2024	5	9,879.49	166.14	8,988.38	1.66	680.60	208.76	0.09
Cosumnes SMUD 1a	2024	6	10,069.29	170.89	9,165.50	1.60	700.07	202.02	0.09
Cosumnes SMUD 1a	2024	7	10,077.42	169.73	9,171.62	1.66	695.29	208.76	0.09
Cosumnes SMUD 1a	2024	8	10,441.83	173.27	9,521.49	1.69	709.80	208.76	0.09
Cosumnes SMUD 1a	2024	9	10,565.22	170.89	9,661.36	1.68	700.07	202.02	0.09
Cosumnes SMUD 1a	2024	10	10,895.88	169.95	9,989.03	1.81	696.19	208.76	0.09
Cosumnes SMUD 1a	2024	11	10,387.73	154.82	9,549.56	1.84	634.23	202.02	0.08
Cosumnes SMUD 1a	2024	12	11,584.15	163.97	10,701.59	2.01	671.70	208.76	0.09
Cosumnes SMUD 1b	2024		123,213.05	1,957.99	112,707.23	19.13	8,020.97	2,464.66	1.06
Cosumnes SMUD 1b	2024	1	10,802.76	160.65	9,933.92	1.90	658.09	208.76	0.09
Cosumnes SMUD 1b	2024	2	9,561.63	148.63	8,755.72	1.70	608.85	195.29	0.08
Cosumnes SMUD 1b	2024	3	9,835.86	158.32	8,976.71	1.74	648.57	208.76	0.09
Cosumnes SMUD 1b	2024	4	9,303.17	153.75	8,469.58	1.64	629.84	202.02	0.08
Cosumnes SMUD 1b	2024	5	9,633.08	161.93	8,759.21	1.66	663.37	208.76	0.09
Cosumnes SMUD 1b	2024	6	10,069.29	170.89	9,165.50	1.60	700.07	202.02	0.09
Cosumnes SMUD 1b	2024	7	10,054.23	169.26	9,150.32	1.66	693.40	208.76	0.09
Cosumnes SMUD 1b	2024	8	10,637.87	176.59	9,703.92	1.69	723.41	208.76	0.10
Cosumnes SMUD 1b	2024	9	10,370.42	167.68	9,479.72	1.68	686.90	202.02	0.09
Cosumnes SMUD 1b	2024	10	11,132.72	173.82	10,211.81	0.00	712.07	208.76	0.09
Cosumnes SMUD 1b	2024	11	10,387.73	154.82	9,549.56	1.84	634.23	202.02	0.08
Cosumnes SMUD 1b	2024	12	11,424.31	161.64	10,551.28	2.01	662.18	208.76	0.09
Cosumnes SMUD 2a	2024		121,724.71	1,931.73	111,264.48	81.12	7,913.40	2,464.66	1.04
Cosumnes SMUD 2a	2024	1	10,802.76	160.65	9,933.92	1.90	658.09	208.76	0.09
Cosumnes SMUD 2a	2024	2	9,561.63	148.63	8,755.72	1.70	608.85	195.29	0.08
Cosumnes SMUD 2a	2024	3	9,835.86	158.32	8,976.71	1.74	648.57	208.76	0.09
Cosumnes SMUD 2a	2024	4	9,303.17	153.75	8,469.58	1.64	629.84	202.02	0.08
Cosumnes SMUD 2a	2024	5	9,559.31	160.06	8,664.30	30.49	655.68	208.76	0.09
Cosumnes SMUD 2a	2024	6	9,512.85	161.25	8,648.57	1.60	660.57	202.02	0.09
Cosumnes SMUD 2a	2024	7	9,921.09	166.96	9,026.63	1.66	683.95	208.76	0.09
Cosumnes SMUD 2a	2024	8	10,637.87	176.59	9,703.92	1.69	723.41	208.76	0.10
Cosumnes SMUD 2a	2024	9	10,435.35	168.75	9,540.27	1.68	691.29	202.02	0.09
Cosumnes SMUD 2a	2024	10	10,187.56	158.07	9,298.01	33.17	647.54	208.76	0.09
Cosumnes SMUD 2a	2024	11	10,387.73	154.82	9,549.56	1.84	634.23	202.02	0.08
Cosumnes SMUD 2a	2024	12	11,579.54	163.89	10,697.32	2.01	671.37	208.76	0.09
Cosumnes SMUD 2b	2024		121,935.77	1,934.46	111,436.66	108.82	7,924.60	2,464.66	1.05
Cosumnes SMUD 2b	2024	1	10,828.03	161.09	9,957.38	1.90	659.91	208.76	0.09
Cosumnes SMUD 2b	2024	2	9,561.63	148.63	8,755.72	1.70	608.85	195.29	0.08
Cosumnes SMUD 2b	2024	3	9,432.39	151.68	8,600.45	1.74	621.36	208.76	0.08
Cosumnes SMUD 2b	2024	4	9,303.17	153.75	8,469.58	1.64	629.84	202.02	0.08
Cosumnes SMUD 2b	2024	5	9,358.00	156.57	8,477.28	30.49	641.39	208.76	0.09
Cosumnes SMUD 2b	2024	6	9,452.11	159.64	8,566.73	29.29	653.98	202.02	0.09
Cosumnes SMUD 2b	2024	7	10,254.14	172.71	9,336.10	1.66	707.53	208.76	0.09
Cosumnes SMUD 2b	2024	8	10,637.87	176.59	9,703.92	1.69	723.41	208.76	0.10
Cosumnes SMUD 2b	2024	9	10,435.36	168.75	9,540.27	1.68	691.29	202.02	0.09
Cosumnes SMUD 2b	2024	10	10,674.62	165.82	9,753.31	33.17	679.29	208.76	0.09

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 2b	2024	11	10,387.73	154.82	9,549.56	1.84	634.23	202.02	0.08
Cosumnes SMUD 2b	2024	12	11,610.72	164.41	10,726.36	2.01	673.52	208.76	0.09
Cosumnes SMUD 3a	2024		118,607.46	1,878.79	108,278.77	166.47	7,696.55	2,464.66	1.02
Cosumnes SMUD 3a	2024	1	10,828.03	161.09	9,957.38	1.90	659.91	208.76	0.09
Cosumnes SMUD 3a	2024	2	9,105.04	141.38	8,328.83	1.70	579.15	195.29	0.08
Cosumnes SMUD 3a	2024	3	9,835.86	158.32	8,976.71	1.74	648.57	208.76	0.09
Cosumnes SMUD 3a	2024	4	8,859.51	146.25	8,056.65	1.64	599.12	202.02	0.08
Cosumnes SMUD 3a	2024	5	8,612.78	143.22	7,757.91	59.32	586.72	208.76	0.08
Cosumnes SMUD 3a	2024	6	9,266.63	156.43	8,394.42	29.29	640.82	202.02	0.08
Cosumnes SMUD 3a	2024	7	10,062.32	168.84	9,131.32	30.49	691.66	208.76	0.09
Cosumnes SMUD 3a	2024	8	10,180.44	168.84	9,278.24	1.69	691.66	208.76	0.09
Cosumnes SMUD 3a	2024	9	10,435.36	168.75	9,540.27	1.68	691.29	202.02	0.09
Cosumnes SMUD 3a	2024	10	9,839.66	152.54	8,972.79	33.17	624.87	208.76	0.08
Cosumnes SMUD 3a	2024	11	10,387.73	154.82	9,549.56	1.84	634.23	202.02	0.08
Cosumnes SMUD 3a	2024	12	11,194.12	158.32	10,334.70	2.01	648.57	208.76	0.09
Cosumnes SMUD 3b	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2024		12,361.25	118.08	9,440.69	53.46	1,873.03	994.08	0.00
G1nGT SMUD 33	2024	1	864.15	7.62	651.56	7.58	120.82	84.20	0.00
G1nGT SMUD 33	2024	2	303.34	2.28	185.76	2.68	36.14	78.77	0.00
G1nGT SMUD 33	2024	3	155.22	0.75	59.04	0.04	11.94	84.20	0.00
G1nGT SMUD 33	2024	4	152.22	0.77	58.52	0.04	12.18	81.48	0.00
G1nGT SMUD 33	2024	5	723.33	7.02	524.91	2.86	111.36	84.20	0.00
G1nGT SMUD 33	2024	6	1,172.34	12.06	894.99	4.60	191.27	81.48	0.00
G1nGT SMUD 33	2024	7	1,526.35	15.85	1,185.06	5.69	251.40	84.20	0.00
G1nGT SMUD 33	2024	8	1,799.40	18.60	1,414.48	5.69	295.03	84.20	0.00
G1nGT SMUD 33	2024	9	1,566.07	15.72	1,229.76	5.51	249.32	81.48	0.00
G1nGT SMUD 33	2024	10	777.69	7.09	576.35	4.75	112.39	84.20	0.00
G1nGT SMUD 33	2024	11	1,700.68	15.94	1,360.81	5.51	252.88	81.48	0.00
G1nGT SMUD 33	2024	12	1,620.45	14.39	1,299.44	8.52	228.30	84.20	0.00
GenGT SMUD 1	2024		16,621.05	163.29	12,962.23	74.62	2,590.12	994.08	0.00
GenGT SMUD 1	2024	1	1,165.96	10.58	905.36	8.52	167.89	84.20	0.00
GenGT SMUD 1	2024	2	744.36	6.75	550.51	7.97	107.11	78.77	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 1	2024	3	676.32	6.20	486.20	7.58	98.34	84.20	0.00
GenGT SMUD 1	2024	4	451.30	3.99	303.83	2.77	63.22	81.48	0.00
GenGT SMUD 1	2024	5	1,496.81	15.54	1,162.24	3.81	246.56	84.20	0.00
GenGT SMUD 1	2024	6	1,573.38	16.50	1,224.67	5.51	261.72	81.48	0.00
GenGT SMUD 1	2024	7	2,084.69	22.01	1,645.68	5.69	349.12	84.20	0.00
GenGT SMUD 1	2024	8	2,141.31	22.32	1,697.38	5.69	354.04	84.20	0.00
GenGT SMUD 1	2024	9	1,796.91	18.17	1,421.69	5.51	288.23	81.48	0.00
GenGT SMUD 1	2024	10	1,007.73	9.43	767.27	6.63	149.62	84.20	0.00
GenGT SMUD 1	2024	11	1,584.47	14.79	1,262.04	6.42	234.53	81.48	0.00
GenGT SMUD 1	2024	12	1,897.79	17.01	1,535.34	8.52	269.74	84.20	0.00
GenGT SMUD 10	2024		16,216.89	158.96	12,630.47	70.88	2,521.46	994.08	0.00
GenGT SMUD 10	2024	1	1,026.76	9.21	787.93	8.52	146.11	84.20	0.00
GenGT SMUD 10	2024	2	599.12	5.26	428.93	7.97	83.46	78.77	0.00
GenGT SMUD 10	2024	3	611.81	5.54	434.11	5.69	87.81	84.20	0.00
GenGT SMUD 10	2024	4	419.73	3.64	277.69	2.77	57.78	81.48	0.00
GenGT SMUD 10	2024	5	1,372.38	14.17	1,059.60	3.81	224.78	84.20	0.00
GenGT SMUD 10	2024	6	1,527.05	15.99	1,186.50	5.51	253.56	81.48	0.00
GenGT SMUD 10	2024	7	2,080.68	21.97	1,642.37	5.69	348.42	84.20	0.00
GenGT SMUD 10	2024	8	2,116.88	22.05	1,677.17	5.69	349.82	84.20	0.00
GenGT SMUD 10	2024	9	1,768.68	17.87	1,398.22	5.51	283.47	81.48	0.00
GenGT SMUD 10	2024	10	1,058.44	9.96	810.50	5.69	158.05	84.20	0.00
GenGT SMUD 10	2024	11	1,709.36	16.03	1,368.13	5.51	254.24	81.48	0.00
GenGT SMUD 10	2024	12	1,926.00	17.27	1,559.33	8.52	273.96	84.20	0.00
GenGT SMUD 11	2024		15,917.46	155.67	12,378.72	75.51	2,469.16	994.08	0.00
GenGT SMUD 11	2024	1	1,076.15	9.70	829.60	8.52	153.84	84.20	0.00
GenGT SMUD 11	2024	2	608.07	5.34	435.68	8.85	84.77	78.77	0.00
GenGT SMUD 11	2024	3	558.47	4.96	388.96	6.63	78.67	84.20	0.00
GenGT SMUD 11	2024	4	332.90	2.70	205.82	2.77	42.83	81.48	0.00
GenGT SMUD 11	2024	5	1,231.91	12.62	943.70	3.81	200.20	84.20	0.00
GenGT SMUD 11	2024	6	1,588.82	16.67	1,237.39	5.51	264.44	81.48	0.00
GenGT SMUD 11	2024	7	2,080.68	21.97	1,642.37	5.69	348.42	84.20	0.00
GenGT SMUD 11	2024	8	2,052.70	21.35	1,623.29	6.63	338.58	84.20	0.00
GenGT SMUD 11	2024	9	1,709.10	17.23	1,347.92	6.42	273.28	81.48	0.00
GenGT SMUD 11	2024	10	1,079.96	10.19	828.51	5.69	161.56	84.20	0.00
GenGT SMUD 11	2024	11	1,709.36	16.03	1,368.13	5.51	254.24	81.48	0.00
GenGT SMUD 11	2024	12	1,889.34	16.92	1,527.34	9.46	268.34	84.20	0.00
GenGT SMUD 12	2024		15,500.67	151.61	12,031.07	70.76	2,404.76	994.08	0.00
GenGT SMUD 12	2024	1	1,178.49	10.72	916.72	7.58	169.99	84.20	0.00
GenGT SMUD 12	2024	2	632.28	5.59	455.95	8.85	88.71	78.77	0.00
GenGT SMUD 12	2024	3	417.86	3.50	274.36	3.81	55.49	84.20	0.00
GenGT SMUD 12	2024	4	376.32	3.17	241.76	2.77	50.30	81.48	0.00
GenGT SMUD 12	2024	5	1,304.15	13.42	1,003.30	3.81	212.84	84.20	0.00
GenGT SMUD 12	2024	6	1,530.91	16.03	1,189.68	5.51	254.24	81.48	0.00
GenGT SMUD 12	2024	7	2,080.68	21.97	1,642.37	5.69	348.42	84.20	0.00
GenGT SMUD 12	2024	8	2,133.16	22.23	1,690.64	5.69	352.63	84.20	0.00
GenGT SMUD 12	2024	9	1,705.07	17.19	1,344.57	6.42	272.60	81.48	0.00
GenGT SMUD 12	2024	10	799.22	7.31	594.37	4.75	115.90	84.20	0.00
GenGT SMUD 12	2024	11	1,636.53	15.30	1,305.94	6.42	242.69	81.48	0.00
GenGT SMUD 12	2024	12	1,706.01	15.19	1,371.41	9.46	240.94	84.20	0.00
GenGT SMUD 13	2024		15,161.68	148.14	11,747.95	69.91	2,349.74	994.08	0.00
GenGT SMUD 13	2024	1	1,060.80	9.57	818.23	6.63	151.73	84.20	0.00
GenGT SMUD 13	2024	2	608.07	5.34	435.68	8.85	84.77	78.77	0.00
GenGT SMUD 13	2024	3	326.94	2.52	197.95	4.75	40.04	84.20	0.00
GenGT SMUD 13	2024	4	355.67	2.96	225.42	1.86	46.91	81.48	0.00
GenGT SMUD 13	2024	5	1,424.56	14.75	1,102.64	3.81	233.92	84.20	0.00
GenGT SMUD 13	2024	6	1,527.96	15.99	1,186.50	6.42	253.56	81.48	0.00
GenGT SMUD 13	2024	7	2,017.40	21.26	1,589.39	6.63	337.18	84.20	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 13	2024	8	2,068.98	21.52	1,636.76	6.63	341.39	84.20	0.00
GenGT SMUD 13	2024	9	1,663.83	16.76	1,311.04	5.51	265.80	81.48	0.00
GenGT SMUD 13	2024	10	837.96	7.71	626.79	4.75	122.23	84.20	0.00
GenGT SMUD 13	2024	11	1,530.60	14.27	1,218.15	4.60	226.37	81.48	0.00
GenGT SMUD 13	2024	12	1,738.91	15.50	1,399.39	9.46	245.86	84.20	0.00
GenGT SMUD 14	2024		15,066.18	147.13	11,671.07	67.23	2,333.79	994.08	0.00
GenGT SMUD 14	2024	1	1,062.68	9.57	818.23	8.52	151.73	84.20	0.00
GenGT SMUD 14	2024	2	512.63	4.39	358.00	6.21	69.66	78.77	0.00
GenGT SMUD 14	2024	3	360.34	2.88	225.74	4.75	45.66	84.20	0.00
GenGT SMUD 14	2024	4	347.78	2.87	218.89	1.86	45.55	81.48	0.00
GenGT SMUD 14	2024	5	1,199.80	12.27	917.21	3.81	194.58	84.20	0.00
GenGT SMUD 14	2024	6	1,581.10	16.59	1,231.03	5.51	263.08	81.48	0.00
GenGT SMUD 14	2024	7	1,976.32	20.81	1,556.28	5.69	330.15	84.20	0.00
GenGT SMUD 14	2024	8	2,108.74	21.97	1,670.44	5.69	348.42	84.20	0.00
GenGT SMUD 14	2024	9	1,764.65	17.83	1,394.86	5.51	282.79	81.48	0.00
GenGT SMUD 14	2024	10	924.05	8.59	698.83	4.75	136.28	84.20	0.00
GenGT SMUD 14	2024	11	1,532.42	14.27	1,218.15	6.42	226.37	81.48	0.00
GenGT SMUD 14	2024	12	1,695.66	15.10	1,363.41	8.52	239.54	84.20	0.00
GenGT SMUD 15	2024		15,092.03	147.48	11,694.16	64.50	2,339.30	994.08	0.00
GenGT SMUD 15	2024	1	1,031.25	9.26	791.72	8.52	146.81	84.20	0.00
GenGT SMUD 15	2024	2	475.44	4.02	327.61	5.32	63.74	78.77	0.00
GenGT SMUD 15	2024	3	404.39	3.37	263.94	2.86	53.39	84.20	0.00
GenGT SMUD 15	2024	4	342.92	2.83	215.62	0.95	44.87	81.48	0.00
GenGT SMUD 15	2024	5	1,183.74	12.09	903.97	3.81	191.77	84.20	0.00
GenGT SMUD 15	2024	6	1,581.10	16.59	1,231.03	5.51	263.08	81.48	0.00
GenGT SMUD 15	2024	7	2,076.67	21.92	1,639.06	5.69	347.71	84.20	0.00
GenGT SMUD 15	2024	8	2,125.02	22.14	1,683.91	5.69	351.23	84.20	0.00
GenGT SMUD 15	2024	9	1,701.04	17.14	1,341.22	6.42	271.92	81.48	0.00
GenGT SMUD 15	2024	10	893.92	8.28	673.61	4.75	131.36	84.20	0.00
GenGT SMUD 15	2024	11	1,570.55	14.66	1,251.07	5.51	232.49	81.48	0.00
GenGT SMUD 15	2024	12	1,706.01	15.19	1,371.41	9.46	240.94	84.20	0.00
GenGT SMUD 16	2024		14,854.13	145.12	11,496.36	61.82	2,301.86	994.08	0.00
GenGT SMUD 16	2024	1	973.81	8.68	742.47	9.46	137.68	84.20	0.00
GenGT SMUD 16	2024	2	421.23	3.48	283.70	3.56	55.20	78.77	0.00
GenGT SMUD 16	2024	3	315.76	2.44	191.01	1.92	38.63	84.20	0.00
GenGT SMUD 16	2024	4	279.77	2.14	163.35	0.95	33.99	81.48	0.00
GenGT SMUD 16	2024	5	1,255.99	12.89	963.57	3.81	204.41	84.20	0.00
GenGT SMUD 16	2024	6	1,581.10	16.59	1,231.03	5.51	263.08	81.48	0.00
GenGT SMUD 16	2024	7	2,076.67	21.92	1,639.06	5.69	347.71	84.20	0.00
GenGT SMUD 16	2024	8	2,125.02	22.14	1,683.91	5.69	351.23	84.20	0.00
GenGT SMUD 16	2024	9	1,760.62	17.79	1,391.51	5.51	282.11	81.48	0.00
GenGT SMUD 16	2024	10	803.52	7.35	597.97	4.75	116.61	84.20	0.00
GenGT SMUD 16	2024	11	1,592.24	14.87	1,269.36	5.51	235.89	81.48	0.00
GenGT SMUD 16	2024	12	1,668.40	14.84	1,339.42	9.46	235.32	84.20	0.00
GenGT SMUD 17	2024		14,839.96	144.87	11,484.29	63.65	2,297.94	994.08	0.00
GenGT SMUD 17	2024	1	991.77	8.86	757.62	9.46	140.49	84.20	0.00
GenGT SMUD 17	2024	2	446.31	3.73	303.96	4.44	59.14	78.77	0.00
GenGT SMUD 17	2024	3	391.86	3.23	253.52	2.86	51.28	84.20	0.00
GenGT SMUD 17	2024	4	199.92	1.29	98.01	0.04	20.39	81.48	0.00
GenGT SMUD 17	2024	5	1,260.00	12.93	966.88	3.81	205.12	84.20	0.00
GenGT SMUD 17	2024	6	1,581.10	16.59	1,231.03	5.51	263.08	81.48	0.00
GenGT SMUD 17	2024	7	2,017.40	21.26	1,589.39	6.63	337.18	84.20	0.00
GenGT SMUD 17	2024	8	2,125.02	22.14	1,683.91	5.69	351.23	84.20	0.00
GenGT SMUD 17	2024	9	1,760.62	17.79	1,391.51	5.51	282.11	81.48	0.00
GenGT SMUD 17	2024	10	803.52	7.35	597.97	4.75	116.61	84.20	0.00
GenGT SMUD 17	2024	11	1,571.46	14.66	1,251.07	6.42	232.49	81.48	0.00
GenGT SMUD 17	2024	12	1,690.96	15.06	1,359.41	8.52	238.83	84.20	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 18	2024		14,845.41	145.07	11,489.39	60.91	2,301.03	994.08	0.00
GenGT SMUD 18	2024	1	918.04	8.15	697.01	7.58	129.25	84.20	0.00
GenGT SMUD 18	2024	2	331.58	2.57	209.40	2.68	40.74	78.77	0.00
GenGT SMUD 18	2024	3	366.81	2.97	232.68	2.86	47.06	84.20	0.00
GenGT SMUD 18	2024	4	338.97	2.79	212.35	0.95	44.19	81.48	0.00
GenGT SMUD 18	2024	5	1,420.55	14.70	1,099.33	3.81	233.21	84.20	0.00
GenGT SMUD 18	2024	6	1,534.77	16.07	1,192.86	5.51	254.92	81.48	0.00
GenGT SMUD 18	2024	7	2,036.53	21.48	1,605.95	5.69	340.69	84.20	0.00
GenGT SMUD 18	2024	8	2,064.91	21.48	1,633.39	6.63	340.69	84.20	0.00
GenGT SMUD 18	2024	9	1,720.29	17.36	1,357.98	5.51	275.32	81.48	0.00
GenGT SMUD 18	2024	10	803.52	7.35	597.97	4.75	116.61	84.20	0.00
GenGT SMUD 18	2024	11	1,571.46	14.66	1,251.07	6.42	232.49	81.48	0.00
GenGT SMUD 18	2024	12	1,737.97	15.50	1,399.39	8.52	245.86	84.20	0.00
GenGT SMUD 19	2024		14,555.21	142.05	11,246.10	61.85	2,253.17	994.08	0.00
GenGT SMUD 19	2024	1	1,077.10	9.70	829.60	9.46	153.84	84.20	0.00
GenGT SMUD 19	2024	2	267.03	1.91	155.36	2.68	30.23	78.77	0.00
GenGT SMUD 19	2024	3	324.11	2.52	197.95	1.92	40.04	84.20	0.00
GenGT SMUD 19	2024	4	338.97	2.79	212.35	0.95	44.19	81.48	0.00
GenGT SMUD 19	2024	5	1,279.71	13.15	983.14	3.81	208.56	84.20	0.00
GenGT SMUD 19	2024	6	1,581.10	16.59	1,231.03	5.51	263.08	81.48	0.00
GenGT SMUD 19	2024	7	1,997.34	21.04	1,572.84	6.63	333.66	84.20	0.00
GenGT SMUD 19	2024	8	2,104.67	21.92	1,667.07	5.69	347.71	84.20	0.00
GenGT SMUD 19	2024	9	1,760.62	17.79	1,391.51	5.51	282.11	81.48	0.00
GenGT SMUD 19	2024	10	695.91	6.24	507.91	4.75	99.05	84.20	0.00
GenGT SMUD 19	2024	11	1,484.70	13.80	1,177.91	6.42	218.89	81.48	0.00
GenGT SMUD 19	2024	12	1,643.96	14.61	1,319.43	8.52	231.81	84.20	0.00
GenGT SMUD 2	2024		14,434.66	140.65	11,148.76	60.91	2,230.91	994.08	0.00
GenGT SMUD 2	2024	1	873.13	7.71	659.13	7.58	122.23	84.20	0.00
GenGT SMUD 2	2024	2	331.58	2.57	209.40	2.68	40.74	78.77	0.00
GenGT SMUD 2	2024	3	282.36	2.08	163.23	1.92	33.02	84.20	0.00
GenGT SMUD 2	2024	4	338.97	2.79	212.35	0.95	44.19	81.48	0.00
GenGT SMUD 2	2024	5	1,300.14	13.37	999.99	3.81	212.14	84.20	0.00
GenGT SMUD 2	2024	6	1,444.02	15.07	1,118.84	4.60	239.10	81.48	0.00
GenGT SMUD 2	2024	7	1,957.20	20.59	1,539.73	6.63	326.64	84.20	0.00
GenGT SMUD 2	2024	8	2,064.91	21.48	1,633.39	6.63	340.69	84.20	0.00
GenGT SMUD 2	2024	9	1,701.04	17.14	1,341.22	6.42	271.92	81.48	0.00
GenGT SMUD 2	2024	10	777.69	7.09	576.35	4.75	112.39	84.20	0.00
GenGT SMUD 2	2024	11	1,766.67	16.59	1,415.68	6.42	263.08	81.48	0.00
GenGT SMUD 2	2024	12	1,596.95	14.17	1,279.45	8.52	224.78	84.20	0.00
GenGT SMUD 20	2024		14,658.80	142.84	11,338.20	60.88	2,265.64	994.08	0.00
GenGT SMUD 20	2024	1	963.89	8.59	734.89	8.52	136.28	84.20	0.00
GenGT SMUD 20	2024	2	320.36	2.44	199.27	3.56	38.77	78.77	0.00
GenGT SMUD 20	2024	3	362.63	2.92	229.21	2.86	46.36	84.20	0.00
GenGT SMUD 20	2024	4	319.24	2.57	196.02	0.95	40.79	81.48	0.00
GenGT SMUD 20	2024	5	1,158.86	11.82	883.44	3.81	187.41	84.20	0.00
GenGT SMUD 20	2024	6	1,442.94	15.06	1,117.95	4.60	238.91	81.48	0.00
GenGT SMUD 20	2024	7	2,011.97	21.21	1,585.69	5.69	336.39	84.20	0.00
GenGT SMUD 20	2024	8	2,104.67	21.92	1,667.07	5.69	347.71	84.20	0.00
GenGT SMUD 20	2024	9	1,760.62	17.79	1,391.51	5.51	282.11	81.48	0.00
GenGT SMUD 20	2024	10	777.69	7.09	576.35	4.75	112.39	84.20	0.00
GenGT SMUD 20	2024	11	1,744.98	16.37	1,397.39	6.42	259.68	81.48	0.00
GenGT SMUD 20	2024	12	1,690.96	15.06	1,359.41	8.52	238.83	84.20	0.00
GenGT SMUD 21	2024		14,086.62	137.20	10,857.23	59.05	2,176.27	994.08	0.00
GenGT SMUD 21	2024	1	986.34	8.81	753.84	8.52	139.79	84.20	0.00
GenGT SMUD 21	2024	2	316.33	2.40	195.89	3.56	38.11	78.77	0.00
GenGT SMUD 21	2024	3	279.13	2.04	159.75	2.86	32.31	84.20	0.00
GenGT SMUD 21	2024	4	219.65	1.50	114.34	0.04	23.79	81.48	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 21	2024	5	1,344.29	13.86	1,036.42	3.81	219.87	84.20	0.00
GenGT SMUD 21	2024	6	1,472.86	15.39	1,142.60	4.60	244.18	81.48	0.00
GenGT SMUD 21	2024	7	1,902.65	19.99	1,494.73	6.63	317.09	84.20	0.00
GenGT SMUD 21	2024	8	2,121.93	22.11	1,681.35	5.69	350.69	84.20	0.00
GenGT SMUD 21	2024	9	1,760.62	17.79	1,391.51	5.51	282.11	81.48	0.00
GenGT SMUD 21	2024	10	690.66	6.20	504.31	3.81	98.34	84.20	0.00
GenGT SMUD 21	2024	11	1,418.72	13.16	1,123.04	5.51	208.70	81.48	0.00
GenGT SMUD 21	2024	12	1,573.44	13.95	1,259.45	8.52	221.27	84.20	0.00
GenGT SMUD 25	2024		14,386.23	139.91	11,112.03	60.97	2,219.15	994.08	0.00
GenGT SMUD 25	2024	1	981.85	8.77	750.05	8.52	139.09	84.20	0.00
GenGT SMUD 25	2024	2	311.41	2.36	192.51	2.68	37.46	78.77	0.00
GenGT SMUD 25	2024	3	362.63	2.92	229.21	2.86	46.36	84.20	0.00
GenGT SMUD 25	2024	4	279.77	2.14	163.35	0.95	33.99	81.48	0.00
GenGT SMUD 25	2024	5	1,192.71	12.18	910.59	4.75	193.17	84.20	0.00
GenGT SMUD 25	2024	6	1,412.75	14.73	1,093.07	4.60	233.60	81.48	0.00
GenGT SMUD 25	2024	7	1,912.63	20.11	1,503.73	5.69	319.00	84.20	0.00
GenGT SMUD 25	2024	8	2,024.21	21.04	1,599.71	6.63	333.66	84.20	0.00
GenGT SMUD 25	2024	9	1,760.62	17.79	1,391.51	5.51	282.11	81.48	0.00
GenGT SMUD 25	2024	10	777.69	7.09	576.35	4.75	112.39	84.20	0.00
GenGT SMUD 25	2024	11	1,679.00	15.73	1,342.52	5.51	249.48	81.48	0.00
GenGT SMUD 25	2024	12	1,690.96	15.06	1,359.41	8.52	238.83	84.20	0.00
GenGT SMUD 26	2024		13,854.46	134.48	10,666.38	60.94	2,133.06	994.08	0.00
GenGT SMUD 26	2024	1	950.42	8.46	723.53	8.52	134.17	84.20	0.00
GenGT SMUD 26	2024	2	307.38	2.32	189.13	2.68	36.80	78.77	0.00
GenGT SMUD 26	2024	3	294.89	2.21	173.64	1.92	35.12	84.20	0.00
GenGT SMUD 26	2024	4	338.93	2.79	212.32	0.95	44.18	81.48	0.00
GenGT SMUD 26	2024	5	1,222.05	12.50	934.80	4.75	198.31	84.20	0.00
GenGT SMUD 26	2024	6	1,372.02	14.27	1,059.51	4.60	226.42	81.48	0.00
GenGT SMUD 26	2024	7	1,769.53	18.52	1,384.90	6.63	293.79	84.20	0.00
GenGT SMUD 26	2024	8	2,060.06	21.44	1,630.16	5.69	340.01	84.20	0.00
GenGT SMUD 26	2024	9	1,740.45	17.57	1,374.75	5.51	278.71	81.48	0.00
GenGT SMUD 26	2024	10	670.08	5.98	486.30	4.75	94.83	84.20	0.00
GenGT SMUD 26	2024	11	1,484.70	13.80	1,177.91	6.42	218.89	81.48	0.00
GenGT SMUD 26	2024	12	1,643.96	14.61	1,319.43	8.52	231.81	84.20	0.00
GenGT SMUD 27	2024		13,530.78	130.75	10,403.66	59.05	2,073.98	994.08	0.00
GenGT SMUD 27	2024	1	936.94	8.33	712.17	8.52	132.06	84.20	0.00
GenGT SMUD 27	2024	2	303.34	2.28	185.76	2.68	36.14	78.77	0.00
GenGT SMUD 27	2024	3	303.24	2.30	180.59	1.92	36.53	84.20	0.00
GenGT SMUD 27	2024	4	219.65	1.50	114.34	0.04	23.79	81.48	0.00
GenGT SMUD 27	2024	5	1,112.44	11.29	844.37	4.75	179.13	84.20	0.00
GenGT SMUD 27	2024	6	1,263.09	13.06	969.02	5.51	207.08	81.48	0.00
GenGT SMUD 27	2024	7	1,710.74	17.88	1,337.18	5.69	283.67	84.20	0.00
GenGT SMUD 27	2024	8	1,976.30	20.52	1,560.85	5.69	325.56	84.20	0.00
GenGT SMUD 27	2024	9	1,733.39	17.50	1,368.88	5.51	277.52	81.48	0.00
GenGT SMUD 27	2024	10	626.09	5.54	450.28	3.81	87.81	84.20	0.00
GenGT SMUD 27	2024	11	1,701.60	15.94	1,360.81	6.42	252.88	81.48	0.00
GenGT SMUD 27	2024	12	1,643.96	14.61	1,319.43	8.52	231.81	84.20	0.00
GenGT SMUD 28	2024		13,028.93	125.35	9,986.50	60.03	1,988.33	994.08	0.00
GenGT SMUD 28	2024	1	936.94	8.33	712.17	8.52	132.06	84.20	0.00
GenGT SMUD 28	2024	2	303.34	2.28	185.76	2.68	36.14	78.77	0.00
GenGT SMUD 28	2024	3	261.48	1.86	145.86	1.92	29.50	84.20	0.00
GenGT SMUD 28	2024	4	219.65	1.50	114.34	0.04	23.79	81.48	0.00
GenGT SMUD 28	2024	5	1,151.19	11.72	876.34	4.75	185.91	84.20	0.00
GenGT SMUD 28	2024	6	1,153.04	11.84	879.09	4.60	187.87	81.48	0.00
GenGT SMUD 28	2024	7	1,569.26	16.32	1,220.46	5.69	258.91	84.20	0.00
GenGT SMUD 28	2024	8	1,815.65	18.77	1,427.15	6.63	297.67	84.20	0.00
GenGT SMUD 28	2024	9	1,690.00	17.04	1,332.80	5.51	270.21	81.48	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 28	2024	10	734.65	6.64	540.33	4.75	105.37	84.20	0.00
GenGT SMUD 28	2024	11	1,549.77	14.44	1,232.78	6.42	229.09	81.48	0.00
GenGT SMUD 28	2024	12	1,643.96	14.61	1,319.43	8.52	231.81	84.20	0.00
GenGT SMUD 3	2024		12,807.01	122.95	9,802.59	60.09	1,950.26	994.08	0.00
GenGT SMUD 3	2024	1	936.94	8.33	712.17	8.52	132.06	84.20	0.00
GenGT SMUD 3	2024	2	221.77	1.45	118.21	1.80	23.00	78.77	0.00
GenGT SMUD 3	2024	3	282.36	2.08	163.23	1.92	33.02	84.20	0.00
GenGT SMUD 3	2024	4	203.87	1.33	101.28	0.04	21.07	81.48	0.00
GenGT SMUD 3	2024	5	1,098.17	11.14	832.60	4.75	176.63	84.20	0.00
GenGT SMUD 3	2024	6	1,243.38	12.85	953.52	4.60	203.77	81.48	0.00
GenGT SMUD 3	2024	7	1,512.96	15.69	1,173.24	6.63	248.89	84.20	0.00
GenGT SMUD 3	2024	8	1,759.81	18.16	1,380.94	6.63	288.03	84.20	0.00
GenGT SMUD 3	2024	9	1,623.50	16.33	1,277.51	5.51	259.00	81.48	0.00
GenGT SMUD 3	2024	10	648.55	5.76	468.29	4.75	91.32	84.20	0.00
GenGT SMUD 3	2024	11	1,593.15	14.87	1,269.36	6.42	235.89	81.48	0.00
GenGT SMUD 3	2024	12	1,682.55	14.98	1,352.25	8.52	237.58	84.20	0.00
GenGT SMUD 30	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2024		12,139.58	115.48	9,255.55	58.17	1,831.79	994.08	0.00
GenGT SMUD 34	2024	1	923.47	8.19	700.80	8.52	129.95	84.20	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 34	2024	2	271.07	1.95	158.74	2.68	30.89	78.77	0.00
GenGT SMUD 34	2024	3	232.26	1.55	121.55	1.92	24.59	84.20	0.00
GenGT SMUD 34	2024	4	105.20	0.26	19.60	0.04	4.08	81.48	0.00
GenGT SMUD 34	2024	5	639.74	6.09	455.17	3.81	96.56	84.20	0.00
GenGT SMUD 34	2024	6	1,100.37	11.26	835.70	4.60	178.59	81.48	0.00
GenGT SMUD 34	2024	7	1,471.44	15.24	1,139.76	5.69	241.79	84.20	0.00
GenGT SMUD 34	2024	8	1,709.42	17.61	1,339.25	6.63	279.34	84.20	0.00
GenGT SMUD 34	2024	9	1,570.06	15.76	1,233.08	5.51	249.99	81.48	0.00
GenGT SMUD 34	2024	10	777.69	7.09	576.35	4.75	112.39	84.20	0.00
GenGT SMUD 34	2024	11	1,671.40	15.65	1,336.12	5.51	248.29	81.48	0.00
GenGT SMUD 34	2024	12	1,667.46	14.84	1,339.42	8.52	235.32	84.20	0.00
GenGT SMUD 35	2024		11,830.87	112.08	9,000.84	58.11	1,777.85	994.08	0.00
GenGT SMUD 35	2024	1	954.91	8.50	727.32	8.52	134.87	84.20	0.00
GenGT SMUD 35	2024	2	271.07	1.95	158.74	2.68	30.89	78.77	0.00
GenGT SMUD 35	2024	3	218.79	1.42	111.13	0.98	22.48	84.20	0.00
GenGT SMUD 35	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 35	2024	5	540.10	5.00	373.75	2.86	79.29	84.20	0.00
GenGT SMUD 35	2024	6	1,105.12	11.31	839.61	4.60	179.43	81.48	0.00
GenGT SMUD 35	2024	7	1,367.51	14.09	1,053.24	6.63	223.44	84.20	0.00
GenGT SMUD 35	2024	8	1,635.45	16.82	1,278.83	5.69	266.73	84.20	0.00
GenGT SMUD 35	2024	9	1,523.44	15.27	1,194.32	5.51	242.13	81.48	0.00
GenGT SMUD 35	2024	10	777.69	7.09	576.35	4.75	112.39	84.20	0.00
GenGT SMUD 35	2024	11	1,727.71	16.20	1,382.83	6.42	256.97	81.48	0.00
GenGT SMUD 35	2024	12	1,627.60	14.45	1,304.71	9.46	229.22	84.20	0.00
GenGT SMUD 36	2024		11,014.97	103.72	8,320.32	55.34	1,645.23	994.08	0.00
GenGT SMUD 36	2024	1	809.32	7.09	606.10	6.63	112.39	84.20	0.00
GenGT SMUD 36	2024	2	209.67	1.33	108.08	1.80	21.03	78.77	0.00
GenGT SMUD 36	2024	3	181.21	1.02	79.88	0.98	16.16	84.20	0.00
GenGT SMUD 36	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 36	2024	5	471.58	4.24	317.22	2.86	67.30	84.20	0.00
GenGT SMUD 36	2024	6	1,051.96	10.72	795.81	4.60	170.07	81.48	0.00
GenGT SMUD 36	2024	7	1,317.82	13.54	1,012.25	6.63	214.74	84.20	0.00
GenGT SMUD 36	2024	8	1,636.59	16.83	1,279.77	5.69	266.93	84.20	0.00
GenGT SMUD 36	2024	9	1,370.64	13.64	1,067.27	5.51	216.38	81.48	0.00
GenGT SMUD 36	2024	10	760.48	6.91	561.95	4.75	109.58	84.20	0.00
GenGT SMUD 36	2024	11	1,589.33	14.83	1,266.14	6.42	235.29	81.48	0.00
GenGT SMUD 36	2024	12	1,534.89	13.58	1,225.86	9.46	215.37	84.20	0.00
GenGT SMUD 37	2024		10,238.19	95.51	7,673.77	55.40	1,514.93	994.08	0.00
GenGT SMUD 37	2024	1	877.62	7.75	662.92	7.58	122.93	84.20	0.00
GenGT SMUD 37	2024	2	119.14	0.41	33.77	0.03	6.57	78.77	0.00
GenGT SMUD 37	2024	3	96.76	0.13	10.42	0.04	2.11	84.20	0.00
GenGT SMUD 37	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 37	2024	5	403.51	3.49	261.06	2.86	55.38	84.20	0.00
GenGT SMUD 37	2024	6	1,005.32	10.20	757.39	4.60	161.86	81.48	0.00
GenGT SMUD 37	2024	7	1,249.78	12.79	956.12	6.63	202.83	84.20	0.00
GenGT SMUD 37	2024	8	1,470.69	15.01	1,141.72	6.63	238.14	84.20	0.00
GenGT SMUD 37	2024	9	1,338.32	13.29	1,039.64	6.42	210.78	81.48	0.00
GenGT SMUD 37	2024	10	659.33	5.88	478.09	3.81	93.23	84.20	0.00
GenGT SMUD 37	2024	11	1,408.83	13.04	1,113.16	7.33	206.86	81.48	0.00
GenGT SMUD 37	2024	12	1,527.38	13.51	1,219.47	9.46	214.25	84.20	0.00
GenGT SMUD 38	2024		9,569.10	88.54	7,116.10	54.46	1,404.46	994.08	0.00
GenGT SMUD 38	2024	1	877.62	7.75	662.92	7.58	122.93	84.20	0.00
GenGT SMUD 38	2024	2	159.49	0.83	67.55	0.03	13.14	78.77	0.00
GenGT SMUD 38	2024	3	164.51	0.84	65.98	0.98	13.35	84.20	0.00
GenGT SMUD 38	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 38	2024	5	327.88	2.66	198.67	2.86	42.15	84.20	0.00
GenGT SMUD 38	2024	6	885.07	8.87	658.30	4.60	140.68	81.48	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 38	2024	7	1,210.71	12.37	924.66	5.69	196.16	84.20	0.00
GenGT SMUD 38	2024	8	1,456.44	14.87	1,130.71	5.69	235.84	84.20	0.00
GenGT SMUD 38	2024	9	1,228.38	12.12	948.24	6.42	192.24	81.48	0.00
GenGT SMUD 38	2024	10	487.89	4.11	334.63	3.81	65.26	84.20	0.00
GenGT SMUD 38	2024	11	1,195.85	10.94	933.55	7.33	173.48	81.48	0.00
GenGT SMUD 38	2024	12	1,493.76	13.19	1,190.88	9.46	209.22	84.20	0.00
GenGT SMUD 39	2024		8,762.79	80.13	6,445.13	52.60	1,270.97	994.08	0.00
GenGT SMUD 39	2024	1	860.47	7.58	648.45	7.58	120.25	84.20	0.00
GenGT SMUD 39	2024	2	139.32	0.62	50.66	0.03	9.86	78.77	0.00
GenGT SMUD 39	2024	3	151.04	0.71	55.57	0.04	11.24	84.20	0.00
GenGT SMUD 39	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 39	2024	5	282.79	2.17	162.25	1.92	34.42	84.20	0.00
GenGT SMUD 39	2024	6	633.66	6.08	451.17	4.60	96.42	81.48	0.00
GenGT SMUD 39	2024	7	1,213.12	12.39	926.65	5.69	196.58	84.20	0.00
GenGT SMUD 39	2024	8	1,377.04	13.99	1,064.23	6.63	221.97	84.20	0.00
GenGT SMUD 39	2024	9	1,150.94	11.31	884.61	5.51	179.34	81.48	0.00
GenGT SMUD 39	2024	10	419.58	3.40	276.68	4.75	53.95	84.20	0.00
GenGT SMUD 39	2024	11	1,112.70	10.12	863.43	7.33	160.45	81.48	0.00
GenGT SMUD 39	2024	12	1,340.65	11.76	1,061.44	8.52	186.48	84.20	0.00
GenGT SMUD 4	2024		7,785.64	70.14	5,631.91	47.03	1,112.62	994.08	0.00
GenGT SMUD 4	2024	1	805.81	7.04	602.34	7.58	111.69	84.20	0.00
GenGT SMUD 4	2024	2	139.32	0.62	50.66	0.03	9.86	78.77	0.00
GenGT SMUD 4	2024	3	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 4	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 4	2024	5	271.11	2.03	151.84	2.86	32.21	84.20	0.00
GenGT SMUD 4	2024	6	552.26	5.20	385.60	2.77	82.40	81.48	0.00
GenGT SMUD 4	2024	7	1,055.66	10.66	796.75	5.69	169.02	84.20	0.00
GenGT SMUD 4	2024	8	1,433.08	14.61	1,111.38	5.69	231.81	84.20	0.00
GenGT SMUD 4	2024	9	994.78	9.65	754.77	5.51	153.02	81.48	0.00
GenGT SMUD 4	2024	10	312.91	2.32	188.99	2.86	36.85	84.20	0.00
GenGT SMUD 4	2024	11	843.86	7.48	638.26	5.51	118.61	81.48	0.00
GenGT SMUD 4	2024	12	1,211.17	10.54	951.32	8.52	167.14	84.20	0.00
GenGT SMUD 40	2024		7,046.41	62.66	5,017.88	40.50	993.95	994.08	0.00
GenGT SMUD 40	2024	1	691.49	5.92	506.70	6.63	93.96	84.20	0.00
GenGT SMUD 40	2024	2	119.14	0.41	33.77	0.03	6.57	78.77	0.00
GenGT SMUD 40	2024	3	117.64	0.35	27.78	0.04	5.62	84.20	0.00
GenGT SMUD 40	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 40	2024	5	241.71	1.73	129.14	0.98	27.40	84.20	0.00
GenGT SMUD 40	2024	6	477.57	4.36	323.31	3.68	69.09	81.48	0.00
GenGT SMUD 40	2024	7	1,099.13	11.14	832.61	5.69	176.63	84.20	0.00
GenGT SMUD 40	2024	8	1,284.19	12.99	988.19	5.69	206.11	84.20	0.00
GenGT SMUD 40	2024	9	838.26	7.99	625.39	4.60	126.79	81.48	0.00
GenGT SMUD 40	2024	10	235.44	1.54	124.95	1.92	24.37	84.20	0.00
GenGT SMUD 40	2024	11	888.59	7.93	676.75	4.60	125.76	81.48	0.00
GenGT SMUD 40	2024	12	971.76	8.30	749.29	6.63	131.64	84.20	0.00
GenGT SMUD 41	2024		5,773.81	49.66	3,959.12	32.98	787.63	994.08	0.00
GenGT SMUD 41	2024	1	628.76	5.31	454.57	5.69	84.29	84.20	0.00
GenGT SMUD 41	2024	2	119.14	0.41	33.77	0.03	6.57	78.77	0.00
GenGT SMUD 41	2024	3	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 41	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 41	2024	5	199.73	1.26	94.50	0.98	20.05	84.20	0.00
GenGT SMUD 41	2024	6	344.34	2.89	214.29	2.77	45.80	81.48	0.00
GenGT SMUD 41	2024	7	986.55	9.89	739.73	5.69	156.93	84.20	0.00
GenGT SMUD 41	2024	8	1,139.12	11.42	868.15	5.69	181.08	84.20	0.00
GenGT SMUD 41	2024	9	785.29	7.43	581.35	4.60	117.86	81.48	0.00
GenGT SMUD 41	2024	10	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 41	2024	11	569.77	4.80	409.43	2.77	76.08	81.48	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 46	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 46	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 5	2024		4,053.85	32.29	2,524.94	22.70	512.14	994.08	0.00
GenGT SMUD 5	2024	1	369.75	2.79	238.47	2.86	44.22	84.20	0.00
GenGT SMUD 5	2024	2	78.77	0.00	0.00	0.00	0.00	78.77	0.00
GenGT SMUD 5	2024	3	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 5	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 5	2024	5	121.30	0.40	29.80	0.98	6.32	84.20	0.00
GenGT SMUD 5	2024	6	236.82	1.69	125.70	2.77	26.86	81.48	0.00
GenGT SMUD 5	2024	7	860.43	8.50	635.69	5.69	134.86	84.20	0.00
GenGT SMUD 5	2024	8	1,055.80	10.51	799.22	5.69	166.70	84.20	0.00
GenGT SMUD 5	2024	9	464.73	4.04	316.34	2.77	64.13	81.48	0.00
GenGT SMUD 5	2024	10	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 5	2024	11	355.02	2.69	229.88	0.95	42.72	81.48	0.00
GenGT SMUD 5	2024	12	261.35	1.66	149.85	0.98	26.33	84.20	0.00
GenGT SMUD 6	2024		3,507.67	26.74	2,070.44	18.96	424.19	994.08	0.00
GenGT SMUD 6	2024	1	197.44	1.11	94.70	0.98	17.56	84.20	0.00
GenGT SMUD 6	2024	2	78.77	0.00	0.00	0.00	0.00	78.77	0.00
GenGT SMUD 6	2024	3	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 6	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 6	2024	5	113.27	0.31	23.18	0.98	4.92	84.20	0.00
GenGT SMUD 6	2024	6	218.47	1.50	111.33	1.86	23.79	81.48	0.00
GenGT SMUD 6	2024	7	832.42	8.19	612.58	5.69	129.95	84.20	0.00
GenGT SMUD 6	2024	8	973.05	9.61	730.75	5.69	152.42	84.20	0.00
GenGT SMUD 6	2024	9	371.39	3.05	238.74	2.77	48.40	81.48	0.00
GenGT SMUD 6	2024	10	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 6	2024	11	271.22	1.87	159.21	0.95	29.59	81.48	0.00
GenGT SMUD 6	2024	12	201.75	1.11	99.96	0.04	17.56	84.20	0.00
GenGT SMUD 7	2024		3,225.12	23.83	1,835.95	17.10	377.99	994.08	0.00
GenGT SMUD 7	2024	1	146.44	0.61	52.47	0.04	9.73	84.20	0.00
GenGT SMUD 7	2024	2	78.77	0.00	0.00	0.00	0.00	78.77	0.00
GenGT SMUD 7	2024	3	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 7	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 7	2024	5	113.27	0.31	23.18	0.98	4.92	84.20	0.00
GenGT SMUD 7	2024	6	210.75	1.41	104.97	1.86	22.43	81.48	0.00
GenGT SMUD 7	2024	7	823.36	8.09	605.10	5.69	128.37	84.20	0.00
GenGT SMUD 7	2024	8	894.75	8.76	665.95	5.69	138.90	84.20	0.00
GenGT SMUD 7	2024	9	307.51	2.37	185.62	2.77	37.63	81.48	0.00
GenGT SMUD 7	2024	10	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 7	2024	11	210.44	1.27	108.72	0.04	20.20	81.48	0.00
GenGT SMUD 7	2024	12	189.96	1.00	89.93	0.04	15.80	84.20	0.00
GenGT SMUD 8	2024		2,861.60	20.02	1,534.70	15.25	317.58	994.08	0.00
GenGT SMUD 8	2024	1	112.06	0.27	23.47	0.04	4.35	84.20	0.00
GenGT SMUD 8	2024	2	78.77	0.00	0.00	0.00	0.00	78.77	0.00
GenGT SMUD 8	2024	3	84.20	0.00	0.00	0.00	0.00	84.20	0.00
GenGT SMUD 8	2024	4	81.48	0.00	0.00	0.00	0.00	81.48	0.00
GenGT SMUD 8	2024	5	108.32	0.27	19.87	0.04	4.21	84.20	0.00
GenGT SMUD 8	2024	6	214.61	1.46	108.15	1.86	23.11	81.48	0.00
GenGT SMUD 8	2024	7	765.45	7.45	557.32	5.69	118.23	84.20	0.00
GenGT SMUD 8	2024	8	769.62	7.40	562.43	5.69	117.31	84.20	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Klamath Falls 1	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2024		874.80	97.20	874.80	0.00	0.00	0.00	0.00
Loon Lake	2024	1	46.80	5.20	46.80	0.00	0.00	0.00	0.00
Loon Lake	2024	2	92.70	10.30	92.70	0.00	0.00	0.00	0.00
Loon Lake	2024	3	74.70	8.30	74.70	0.00	0.00	0.00	0.00
Loon Lake	2024	4	65.70	7.30	65.70	0.00	0.00	0.00	0.00
Loon Lake	2024	5	85.50	9.50	85.50	0.00	0.00	0.00	0.00
Loon Lake	2024	6	123.30	13.70	123.30	0.00	0.00	0.00	0.00
Loon Lake	2024	7	115.20	12.80	115.20	0.00	0.00	0.00	0.00
Loon Lake	2024	8	100.80	11.20	100.80	0.00	0.00	0.00	0.00
Loon Lake	2024	9	48.60	5.40	48.60	0.00	0.00	0.00	0.00
Loon Lake	2024	10	45.00	5.00	45.00	0.00	0.00	0.00	0.00
Loon Lake	2024	11	29.70	3.30	29.70	0.00	0.00	0.00	0.00
Loon Lake	2024	12	46.80	5.20	46.80	0.00	0.00	0.00	0.00
McClellan CT 1	2024		503.14	0.00	0.00	0.00	0.00	503.14	0.00
McClellan CT 1	2024	1	42.62	0.00	0.00	0.00	0.00	42.62	0.00
McClellan CT 1	2024	2	39.87	0.00	0.00	0.00	0.00	39.87	0.00
McClellan CT 1	2024	3	42.62	0.00	0.00	0.00	0.00	42.62	0.00
McClellan CT 1	2024	4	41.24	0.00	0.00	0.00	0.00	41.24	0.00
McClellan CT 1	2024	5	42.62	0.00	0.00	0.00	0.00	42.62	0.00
McClellan CT 1	2024	6	41.24	0.00	0.00	0.00	0.00	41.24	0.00
McClellan CT 1	2024	7	42.62	0.00	0.00	0.00	0.00	42.62	0.00
McClellan CT 1	2024	8	42.62	0.00	0.00	0.00	0.00	42.62	0.00
McClellan CT 1	2024	9	41.24	0.00	0.00	0.00	0.00	41.24	0.00
McClellan CT 1	2024	10	42.62	0.00	0.00	0.00	0.00	42.62	0.00
McClellan CT 1	2024	11	41.24	0.00	0.00	0.00	0.00	41.24	0.00
McClellan CT 1	2024	12	42.62	0.00	0.00	0.00	0.00	42.62	0.00
McClellan CT 2	2024		7,683.23	87.56	6,770.91	157.19	251.93	503.14	0.07
McClellan CT 2	2024	1	586.69	6.18	514.63	11.67	17.77	42.62	0.00
McClellan CT 2	2024	2	401.24	4.27	338.69	10.41	12.27	39.87	0.00
McClellan CT 2	2024	3	459.50	5.12	391.43	10.70	14.74	42.62	0.00
McClellan CT 2	2024	4	359.90	4.00	297.07	10.07	11.51	41.24	0.00
McClellan CT 2	2024	5	629.60	7.62	554.85	10.20	21.92	42.62	0.01

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
McClellan CT 2	2024	6	737.99	9.07	655.98	14.66	26.11	41.24	0.01
McClellan CT 2	2024	7	814.91	10.00	728.26	15.26	28.77	42.62	0.01
McClellan CT 2	2024	8	910.08	11.07	820.08	15.52	31.85	42.62	0.01
McClellan CT 2	2024	9	739.98	8.64	658.42	15.45	24.86	41.24	0.01
McClellan CT 2	2024	10	588.76	6.45	510.98	16.60	18.56	42.62	0.00
McClellan CT 2	2024	11	605.61	6.43	534.59	11.27	18.50	41.24	0.00
McClellan CT 2	2024	12	848.98	8.71	765.93	15.37	25.06	42.62	0.01
MorganStanley1_O	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2024		14,624.13	50.19	3,783.83	103.48	796.04	9,940.78	0.00
Peaker SMUD 1	2024	1	841.98	0.00	0.00	0.00	0.00	841.98	0.00
Peaker SMUD 1	2024	2	787.66	0.00	0.00	0.00	0.00	787.66	0.00
Peaker SMUD 1	2024	3	841.98	0.00	0.00	0.00	0.00	841.98	0.00
Peaker SMUD 1	2024	4	814.82	0.00	0.00	0.00	0.00	814.82	0.00
Peaker SMUD 1	2024	5	858.18	0.18	13.24	0.15	2.81	841.98	0.00
Peaker SMUD 1	2024	6	1,032.74	2.31	171.77	9.44	36.71	814.82	0.00
Peaker SMUD 1	2024	7	3,003.74	23.42	1,751.24	39.01	371.51	841.98	0.00
Peaker SMUD 1	2024	8	3,045.70	23.50	1,787.22	43.72	372.77	841.98	0.00
Peaker SMUD 1	2024	9	898.57	0.77	60.35	11.16	12.24	814.82	0.00
Peaker SMUD 1	2024	10	841.98	0.00	0.00	0.00	0.00	841.98	0.00
Peaker SMUD 1	2024	11	814.82	0.00	0.00	0.00	0.00	814.82	0.00
Peaker SMUD 1	2024	12	841.98	0.00	0.00	0.00	0.00	841.98	0.00
Peaker SMUD 2	2024		9,424.11	5.05	379.74	17.58	80.08	8,946.71	0.00
Peaker SMUD 2	2024	1	757.78	0.00	0.00	0.00	0.00	757.78	0.00
Peaker SMUD 2	2024	2	708.89	0.00	0.00	0.00	0.00	708.89	0.00
Peaker SMUD 2	2024	3	757.78	0.00	0.00	0.00	0.00	757.78	0.00
Peaker SMUD 2	2024	4	733.34	0.00	0.00	0.00	0.00	733.34	0.00
Peaker SMUD 2	2024	5	757.78	0.00	0.00	0.00	0.00	757.78	0.00
Peaker SMUD 2	2024	6	733.34	0.00	0.00	0.00	0.00	733.34	0.00
Peaker SMUD 2	2024	7	1,063.60	3.28	245.03	8.81	51.98	757.78	0.00
Peaker SMUD 2	2024	8	929.37	1.77	134.71	8.77	28.10	757.78	0.00
Peaker SMUD 2	2024	9	733.34	0.00	0.00	0.00	0.00	733.34	0.00
Peaker SMUD 2	2024	10	757.78	0.00	0.00	0.00	0.00	757.78	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy1_7x24	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy1_7x24	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2024		12,527.67	140.84	10,888.58	231.82	1,046.54	360.62	0.10
Procter & G GT 1	2024	1	925.43	9.67	805.41	17.64	71.83	30.54	0.01
Procter & G GT 1	2024	2	28.57	0.00	0.00	0.00	0.00	28.57	0.00
Procter & G GT 1	2024	3	542.34	6.04	461.38	5.53	44.88	30.54	0.00
Procter & G GT 1	2024	4	260.79	2.83	210.01	0.19	21.02	29.56	0.00
Procter & G GT 1	2024	5	999.91	11.89	865.62	15.42	88.32	30.54	0.01
Procter & G GT 1	2024	6	1,341.59	16.15	1,167.46	24.56	120.00	29.56	0.01
Procter & G GT 1	2024	7	1,640.68	19.68	1,433.24	30.64	146.24	30.54	0.01
Procter & G GT 1	2024	8	1,675.85	19.81	1,466.97	31.16	147.16	30.54	0.01
Procter & G GT 1	2024	9	1,442.75	16.53	1,259.36	31.02	122.80	29.56	0.01
Procter & G GT 1	2024	10	790.28	8.57	679.25	16.77	63.71	30.54	0.01
Procter & G GT 1	2024	11	1,389.70	14.71	1,222.81	28.03	109.29	29.56	0.01
Procter & G GT 1	2024	12	1,489.77	14.98	1,317.05	30.87	111.29	30.54	0.01
Robbs Peak	2024		441.90	49.10	441.90	0.00	0.00	0.00	0.00
Robbs Peak	2024	1	32.40	3.60	32.40	0.00	0.00	0.00	0.00
Robbs Peak	2024	2	48.60	5.40	48.60	0.00	0.00	0.00	0.00
Robbs Peak	2024	3	60.30	6.70	60.30	0.00	0.00	0.00	0.00
Robbs Peak	2024	4	64.80	7.20	64.80	0.00	0.00	0.00	0.00
Robbs Peak	2024	5	64.80	7.20	64.80	0.00	0.00	0.00	0.00
Robbs Peak	2024	6	50.40	5.60	50.40	0.00	0.00	0.00	0.00
Robbs Peak	2024	7	34.20	3.80	34.20	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Robbs Peak	2024	8	28.80	3.20	28.80	0.00	0.00	0.00	0.00
Robbs Peak	2024	9	13.50	1.50	13.50	0.00	0.00	0.00	0.00
Robbs Peak	2024	10	11.70	1.30	11.70	0.00	0.00	0.00	0.00
Robbs Peak	2024	11	9.90	1.10	9.90	0.00	0.00	0.00	0.00
Robbs Peak	2024	12	22.50	2.50	22.50	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2024		55,491.20	725.88	50,847.25	7.69	-2,103.52	6,739.31	0.48
SCA P&G Cogen 1	2024	1	4,580.67	55.40	4,169.62	0.76	-160.56	570.82	0.04
SCA P&G Cogen 1	2024	2	4,057.73	51.19	3,671.36	0.68	-148.34	533.99	0.03
SCA P&G Cogen 1	2024	3	4,406.04	58.01	4,002.61	0.70	-168.12	570.82	0.04
SCA P&G Cogen 1	2024	4	3,882.78	51.89	3,480.06	0.65	-150.37	552.40	0.03
SCA P&G Cogen 1	2024	5	4,427.99	61.34	4,034.88	0.00	-177.75	570.82	0.04
SCA P&G Cogen 1	2024	6	4,413.33	61.86	4,039.51	0.64	-179.26	552.40	0.04
SCA P&G Cogen 1	2024	7	4,752.46	66.49	4,373.60	0.66	-192.67	570.82	0.04
SCA P&G Cogen 1	2024	8	5,131.96	71.25	4,766.89	0.68	-206.47	570.82	0.05
SCA P&G Cogen 1	2024	9	5,052.55	68.24	4,697.19	0.67	-197.75	552.40	0.04
SCA P&G Cogen 1	2024	10	4,446.80	56.44	4,038.77	0.72	-163.55	570.82	0.04
SCA P&G Cogen 1	2024	11	4,873.67	59.84	4,493.91	0.73	-173.42	552.40	0.04
SCA P&G Cogen 1	2024	12	5,465.22	63.94	5,078.86	0.80	-185.29	570.82	0.04
Slab Creek	2024		11.86	1.32	11.86	0.00	0.00	0.00	0.00
Slab Creek	2024	1	0.67	0.07	0.67	0.00	0.00	0.00	0.00
Slab Creek	2024	2	0.63	0.07	0.63	0.00	0.00	0.00	0.00
Slab Creek	2024	3	0.67	0.07	0.67	0.00	0.00	0.00	0.00
Slab Creek	2024	4	0.65	0.07	0.65	0.00	0.00	0.00	0.00
Slab Creek	2024	5	0.67	0.07	0.67	0.00	0.00	0.00	0.00
Slab Creek	2024	6	1.30	0.14	1.30	0.00	0.00	0.00	0.00
Slab Creek	2024	7	1.34	0.15	1.34	0.00	0.00	0.00	0.00
Slab Creek	2024	8	1.34	0.15	1.34	0.00	0.00	0.00	0.00
Slab Creek	2024	9	1.30	0.14	1.30	0.00	0.00	0.00	0.00
Slab Creek	2024	10	1.34	0.15	1.34	0.00	0.00	0.00	0.00
Slab Creek	2024	11	1.30	0.14	1.30	0.00	0.00	0.00	0.00
Slab Creek	2024	12	0.67	0.07	0.67	0.00	0.00	0.00	0.00
SMUD PV 1	2024		264.53	64.05	0.00	0.00	121.23	143.30	0.00
SMUD PV 1	2024	1	12.40	0.14	0.00	0.00	0.26	12.14	0.00
SMUD PV 1	2024	2	12.52	0.61	0.00	0.00	1.16	11.35	0.00
SMUD PV 1	2024	3	16.22	2.16	0.00	0.00	4.08	12.14	0.00
SMUD PV 1	2024	4	20.13	4.43	0.00	0.00	8.38	11.75	0.00
SMUD PV 1	2024	5	23.76	6.14	0.00	0.00	11.62	12.14	0.00
SMUD PV 1	2024	6	35.62	12.61	0.00	0.00	23.87	11.75	0.00
SMUD PV 1	2024	7	35.70	12.45	0.00	0.00	23.56	12.14	0.00
SMUD PV 1	2024	8	34.25	11.68	0.00	0.00	22.11	12.14	0.00
SMUD PV 1	2024	9	31.14	10.25	0.00	0.00	19.40	11.75	0.00
SMUD PV 1	2024	10	17.21	2.68	0.00	0.00	5.07	12.14	0.00
SMUD PV 1	2024	11	13.15	0.74	0.00	0.00	1.41	11.75	0.00
SMUD PV 1	2024	12	12.44	0.16	0.00	0.00	0.31	12.14	0.00
SMUD Solano Wi 2	2024		1,045.21	286.18	0.00	0.00	0.00	1,045.21	0.00
SMUD Solano Wi 2	2024	1	88.53	2.49	0.00	0.00	0.00	88.53	0.00
SMUD Solano Wi 2	2024	2	82.82	3.82	0.00	0.00	0.00	82.82	0.00
SMUD Solano Wi 2	2024	3	88.53	15.02	0.00	0.00	0.00	88.53	0.00
SMUD Solano Wi 2	2024	4	85.67	21.35	0.00	0.00	0.00	85.67	0.00
SMUD Solano Wi 2	2024	5	88.53	32.80	0.00	0.00	0.00	88.53	0.00
SMUD Solano Wi 2	2024	6	85.67	47.65	0.00	0.00	0.00	85.67	0.00
SMUD Solano Wi 2	2024	7	88.53	47.95	0.00	0.00	0.00	88.53	0.00
SMUD Solano Wi 2	2024	8	88.53	46.41	0.00	0.00	0.00	88.53	0.00
SMUD Solano Wi 2	2024	9	85.67	35.23	0.00	0.00	0.00	85.67	0.00
SMUD Solano Wi 2	2024	10	88.53	21.06	0.00	0.00	0.00	88.53	0.00
SMUD Solano Wi 2	2024	11	85.67	6.39	0.00	0.00	0.00	85.67	0.00
SMUD Solano Wi 2	2024	12	88.53	6.00	0.00	0.00	0.00	88.53	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Snohomish	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2024		79,610.02	1,152.94	75,434.41	6.79	-1,606.30	5,774.42	0.71
SPA Campbell C 1	2024	1	6,773.59	91.25	6,410.95	0.62	-127.13	489.09	0.06
SPA Campbell C 1	2024	2	5,436.78	75.93	5,084.44	0.55	-105.79	457.54	0.05
SPA Campbell C 1	2024	3	6,194.28	90.52	5,830.68	0.57	-126.12	489.09	0.06
SPA Campbell C 1	2024	4	5,629.07	84.21	5,272.49	0.53	-117.32	473.31	0.05
SPA Campbell C 1	2024	5	6,174.04	94.71	5,816.30	0.54	-131.95	489.09	0.06
SPA Campbell C 1	2024	6	6,441.20	100.17	6,106.87	0.52	-139.56	473.31	0.06
SPA Campbell C 1	2024	7	6,791.51	104.99	6,448.10	0.54	-146.28	489.09	0.06
SPA Campbell C 1	2024	8	7,187.30	109.67	6,850.39	0.55	-152.80	489.09	0.07
SPA Campbell C 1	2024	9	7,170.10	106.51	6,844.57	0.55	-148.39	473.31	0.07
SPA Campbell C 1	2024	10	6,855.55	97.31	6,501.39	0.59	-135.58	489.09	0.06
SPA Campbell C 1	2024	11	7,088.43	96.26	6,748.58	0.60	-134.11	473.31	0.06
SPA Campbell C 1	2024	12	7,868.18	101.40	7,519.65	0.65	-141.28	489.09	0.06
Union Valley	2024		1,064.70	118.30	1,064.70	0.00	0.00	0.00	0.00
Union Valley	2024	1	55.80	6.20	55.80	0.00	0.00	0.00	0.00
Union Valley	2024	2	67.50	7.50	67.50	0.00	0.00	0.00	0.00
Union Valley	2024	3	93.60	10.40	93.60	0.00	0.00	0.00	0.00
Union Valley	2024	4	88.20	9.80	88.20	0.00	0.00	0.00	0.00
Union Valley	2024	5	113.40	12.60	113.40	0.00	0.00	0.00	0.00
Union Valley	2024	6	117.00	13.00	117.00	0.00	0.00	0.00	0.00
Union Valley	2024	7	117.00	13.00	117.00	0.00	0.00	0.00	0.00
Union Valley	2024	8	135.00	15.00	135.00	0.00	0.00	0.00	0.00
Union Valley	2024	9	115.20	12.80	115.20	0.00	0.00	0.00	0.00
Union Valley	2024	10	44.10	4.90	44.10	0.00	0.00	0.00	0.00
Union Valley	2024	11	49.50	5.50	49.50	0.00	0.00	0.00	0.00
Union Valley	2024	12	68.40	7.60	68.40	0.00	0.00	0.00	0.00
WAPA 1	2024		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2024	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2024		8,135.75	903.97	8,135.75	0.00	0.00	0.00	0.00
WAPA 2	2024	1	508.23	56.47	508.23	0.00	0.00	0.00	0.00
WAPA 2	2024	2	533.07	59.23	533.07	0.00	0.00	0.00	0.00
WAPA 2	2024	3	545.72	60.64	545.72	0.00	0.00	0.00	0.00
WAPA 2	2024	4	599.40	66.60	599.40	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
WAPA 2	2024	5	815.57	90.62	815.57	0.00	0.00	0.00	0.00
WAPA 2	2024	6	903.96	100.44	903.96	0.00	0.00	0.00	0.00
WAPA 2	2024	7	1,170.46	130.05	1,170.46	0.00	0.00	0.00	0.00
WAPA 2	2024	8	940.12	104.46	940.12	0.00	0.00	0.00	0.00
WAPA 2	2024	9	747.79	83.09	747.79	0.00	0.00	0.00	0.00
WAPA 2	2024	10	520.95	57.88	520.95	0.00	0.00	0.00	0.00
WAPA 2	2024	11	379.08	42.12	379.08	0.00	0.00	0.00	0.00
WAPA 2	2024	12	471.40	52.38	471.40	0.00	0.00	0.00	0.00
White Rock	2024		4,908.60	545.40	4,908.60	0.00	0.00	0.00	0.00
White Rock	2024	1	386.10	42.90	386.10	0.00	0.00	0.00	0.00
White Rock	2024	2	422.10	46.90	422.10	0.00	0.00	0.00	0.00
White Rock	2024	3	620.10	68.90	620.10	0.00	0.00	0.00	0.00
White Rock	2024	4	645.30	71.70	645.30	0.00	0.00	0.00	0.00
White Rock	2024	5	744.30	82.70	744.30	0.00	0.00	0.00	0.00
White Rock	2024	6	561.60	62.40	561.60	0.00	0.00	0.00	0.00
White Rock	2024	7	369.00	41.00	369.00	0.00	0.00	0.00	0.00
White Rock	2024	8	312.30	34.70	312.30	0.00	0.00	0.00	0.00
White Rock	2024	9	273.60	30.40	273.60	0.00	0.00	0.00	0.00
White Rock	2024	10	153.90	17.10	153.90	0.00	0.00	0.00	0.00
White Rock	2024	11	155.70	17.30	155.70	0.00	0.00	0.00	0.00
White Rock	2024	12	264.60	29.40	264.60	0.00	0.00	0.00	0.00
Camino	2025		3,374.04	362.80	3,374.04	0.00	0.00	0.00	0.00
Camino	2025	1	224.13	24.10	224.13	0.00	0.00	0.00	0.00
Camino	2025	2	276.21	29.70	276.21	0.00	0.00	0.00	0.00
Camino	2025	3	371.07	39.90	371.07	0.00	0.00	0.00	0.00
Camino	2025	4	312.48	33.60	312.48	0.00	0.00	0.00	0.00
Camino	2025	5	316.20	34.00	316.20	0.00	0.00	0.00	0.00
Camino	2025	6	307.83	33.10	307.83	0.00	0.00	0.00	0.00
Camino	2025	7	308.76	33.20	308.76	0.00	0.00	0.00	0.00
Camino	2025	8	361.77	38.90	361.77	0.00	0.00	0.00	0.00
Camino	2025	9	322.71	34.70	322.71	0.00	0.00	0.00	0.00
Camino	2025	10	166.47	17.90	166.47	0.00	0.00	0.00	0.00
Camino	2025	11	168.33	18.10	168.33	0.00	0.00	0.00	0.00
Camino	2025	12	238.08	25.60	238.08	0.00	0.00	0.00	0.00
Camp Far West	2025		196.13	21.09	196.13	0.00	0.00	0.00	0.00
Camp Far West	2025	1	15.91	1.71	15.91	0.00	0.00	0.00	0.00
Camp Far West	2025	2	25.62	2.76	25.62	0.00	0.00	0.00	0.00
Camp Far West	2025	3	27.68	2.98	27.68	0.00	0.00	0.00	0.00
Camp Far West	2025	4	22.77	2.45	22.77	0.00	0.00	0.00	0.00
Camp Far West	2025	5	26.29	2.83	26.29	0.00	0.00	0.00	0.00
Camp Far West	2025	6	25.44	2.74	25.44	0.00	0.00	0.00	0.00
Camp Far West	2025	7	20.76	2.23	20.76	0.00	0.00	0.00	0.00
Camp Far West	2025	8	17.99	1.93	17.99	0.00	0.00	0.00	0.00
Camp Far West	2025	9	2.68	0.29	2.68	0.00	0.00	0.00	0.00
Camp Far West	2025	10	1.38	0.15	1.38	0.00	0.00	0.00	0.00
Camp Far West	2025	11	2.68	0.29	2.68	0.00	0.00	0.00	0.00
Camp Far West	2025	12	6.92	0.74	6.92	0.00	0.00	0.00	0.00
Carson Ice CGCC	2025		31,157.16	393.86	27,881.38	2.05	840.56	2,432.92	0.25
Carson Ice CGCC	2025	1	2,725.69	32.17	2,450.19	0.19	68.66	206.63	0.02
Carson Ice CGCC	2025	2	2,244.51	27.44	1,999.13	0.16	58.57	186.64	0.02
Carson Ice CGCC	2025	3	2,524.30	32.24	2,248.67	0.17	68.81	206.63	0.02
Carson Ice CGCC	2025	4	2,296.78	29.92	2,032.79	0.16	63.85	199.97	0.02
Carson Ice CGCC	2025	5	2,473.32	33.04	2,195.99	0.16	70.52	206.63	0.02
Carson Ice CGCC	2025	6	2,456.50	33.07	2,185.77	0.16	70.58	199.97	0.02
Carson Ice CGCC	2025	7	2,582.39	34.71	2,301.50	0.16	74.07	206.63	0.02
Carson Ice CGCC	2025	8	2,693.91	35.86	2,410.56	0.17	76.53	206.63	0.02
Carson Ice CGCC	2025	9	2,695.07	34.96	2,420.31	0.17	74.61	199.97	0.02

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Carson Ice CGCC	2025	10	2,672.24	33.05	2,394.87	0.18	70.53	206.63	0.02
Carson Ice CGCC	2025	11	2,761.14	32.96	2,490.63	0.18	70.34	199.97	0.02
Carson Ice CGCC	2025	12	3,031.31	34.44	2,750.96	0.20	73.50	206.63	0.02
Carson Ice CGGT	2025		12,684.40	119.56	10,215.81	161.77	556.73	1,750.00	0.09
Carson Ice CGGT	2025	1	590.73	4.50	416.64	4.50	20.95	148.63	0.00
Carson Ice CGGT	2025	2	134.25	0.00	0.00	0.00	0.00	134.25	0.00
Carson Ice CGGT	2025	3	386.76	2.66	225.53	0.23	12.37	148.63	0.00
Carson Ice CGGT	2025	4	431.16	3.26	268.28	3.88	15.17	143.84	0.00
Carson Ice CGGT	2025	5	1,172.16	11.80	953.50	15.08	54.93	148.63	0.01
Carson Ice CGGT	2025	6	1,416.44	14.74	1,185.84	18.10	68.65	143.84	0.01
Carson Ice CGGT	2025	7	1,664.13	17.47	1,411.64	22.51	81.33	148.63	0.01
Carson Ice CGGT	2025	8	1,771.17	18.42	1,513.85	22.89	85.78	148.63	0.01
Carson Ice CGGT	2025	9	1,462.35	14.50	1,228.14	22.83	67.53	143.84	0.01
Carson Ice CGGT	2025	10	817.29	7.09	623.30	12.37	32.99	148.63	0.01
Carson Ice CGGT	2025	11	1,358.56	12.34	1,140.56	16.68	57.47	143.84	0.01
Carson Ice CGGT	2025	12	1,479.42	12.79	1,248.53	22.70	59.55	148.63	0.01
CDWR_Ex_6x16OnPl	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2025		35,987.48	461.38	35,987.48	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	1	9,335.11	115.40	9,335.11	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	2	7,946.78	101.33	7,946.78	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	3	3,323.51	43.95	3,323.51	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	4	1,311.72	21.89	1,311.72	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	5	864.56	14.71	864.56	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	6	807.24	11.63	807.24	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	7	278.64	4.43	278.64	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	8	328.20	3.94	328.20	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	9	274.35	2.94	274.35	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	10	3,427.20	43.13	3,427.20	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	11	2,400.35	28.80	2,400.35	0.00	0.00	0.00	0.00
CNP15_Markets p	2025	12	5,689.81	69.23	5,689.81	0.00	0.00	0.00	0.00
CNP15_Markets s	2025		-369,241.63	-3,626.72	-369,241.63	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	1	-21,458.46	-199.13	-21,458.46	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	2	-5,950.86	-63.51	-5,950.86	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	3	-10,111.78	-125.25	-10,111.78	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	4	-10,895.39	-122.75	-10,895.39	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	5	-35,224.09	-374.00	-35,224.09	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	6	-37,087.38	-385.00	-37,087.38	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	7	-50,937.00	-511.99	-50,937.00	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	8	-55,228.55	-505.83	-55,228.55	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	9	-44,193.66	-441.27	-44,193.66	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	10	-19,222.78	-200.00	-19,222.78	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	11	-39,277.99	-363.64	-39,277.99	0.00	0.00	0.00	0.00
CNP15_Markets s	2025	12	-39,653.69	-334.36	-39,653.69	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2025		127,345.06	1,955.69	116,591.16	21.62	8,211.84	2,519.37	1.06
Cosumnes SMUD 1a	2025	1	11,186.55	160.65	10,295.97	1.97	674.55	213.97	0.09

SMUD Only Cost and Generation by Month and Year

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Cosumnes SMUD 1a	2025	2	9,550.17	143.50	8,752.58	1.70	602.55	193.27	0.08
Cosumnes SMUD 1a	2025	3	10,187.97	158.42	9,306.89	1.81	665.22	213.97	0.09
Cosumnes SMUD 1a	2025	4	9,616.03	153.75	8,761.58	1.70	645.59	207.07	0.08
Cosumnes SMUD 1a	2025	5	10,211.78	166.07	9,298.67	1.72	697.33	213.97	0.09
Cosumnes SMUD 1a	2025	6	10,436.09	170.89	9,509.70	1.66	717.57	207.07	0.09
Cosumnes SMUD 1a	2025	7	10,420.17	169.73	9,491.72	1.72	712.67	213.97	0.09
Cosumnes SMUD 1a	2025	8	10,793.60	173.27	9,850.24	1.75	727.54	213.97	0.09
Cosumnes SMUD 1a	2025	9	10,938.37	170.89	10,011.89	1.75	717.57	207.07	0.09
Cosumnes SMUD 1a	2025	10	11,272.11	169.95	10,342.58	1.87	713.60	213.97	0.09
Cosumnes SMUD 1a	2025	11	10,749.23	154.60	9,891.01	1.90	649.16	207.07	0.08
Cosumnes SMUD 1a	2025	12	11,982.99	163.97	11,078.35	2.08	688.49	213.97	0.09
Cosumnes SMUD 1b	2025		127,076.60	1,951.72	116,341.22	19.75	8,195.20	2,519.37	1.05
Cosumnes SMUD 1b	2025	1	11,186.55	160.65	10,295.97	1.97	674.55	213.97	0.09
Cosumnes SMUD 1b	2025	2	9,550.17	143.50	8,752.58	1.70	602.55	193.27	0.08
Cosumnes SMUD 1b	2025	3	10,182.58	158.32	9,301.92	1.81	664.79	213.97	0.09
Cosumnes SMUD 1b	2025	4	9,616.03	153.75	8,761.58	1.70	645.59	207.07	0.08
Cosumnes SMUD 1b	2025	5	9,956.94	161.86	9,061.50	1.72	679.66	213.97	0.09
Cosumnes SMUD 1b	2025	6	10,436.09	170.89	9,509.70	1.66	717.57	207.07	0.09
Cosumnes SMUD 1b	2025	7	10,396.29	169.27	9,469.76	1.72	710.74	213.97	0.09
Cosumnes SMUD 1b	2025	8	10,996.28	176.59	10,038.97	1.75	741.49	213.97	0.10
Cosumnes SMUD 1b	2025	9	10,736.65	167.68	9,823.67	1.75	704.08	207.07	0.09
Cosumnes SMUD 1b	2025	10	11,517.17	173.82	10,573.24	0.00	729.87	213.97	0.09
Cosumnes SMUD 1b	2025	11	10,684.24	153.75	9,829.59	1.90	645.59	207.07	0.08
Cosumnes SMUD 1b	2025	12	11,817.62	161.64	10,922.75	2.08	678.73	213.97	0.09
Cosumnes SMUD 2a	2025		126,488.99	1,941.75	115,793.61	21.62	8,153.34	2,519.37	1.05
Cosumnes SMUD 2a	2025	1	11,186.55	160.65	10,295.97	1.97	674.55	213.97	0.09
Cosumnes SMUD 2a	2025	2	9,550.17	143.50	8,752.58	1.70	602.55	193.27	0.08
Cosumnes SMUD 2a	2025	3	10,182.57	158.32	9,301.92	1.81	664.79	213.97	0.09
Cosumnes SMUD 2a	2025	4	9,616.03	153.75	8,761.58	1.70	645.59	207.07	0.08
Cosumnes SMUD 2a	2025	5	10,278.75	167.19	9,360.95	1.72	702.01	213.97	0.09
Cosumnes SMUD 2a	2025	6	9,923.34	162.32	9,032.94	1.66	681.58	207.07	0.09
Cosumnes SMUD 2a	2025	7	10,258.50	166.96	9,341.67	1.72	701.05	213.97	0.09
Cosumnes SMUD 2a	2025	8	10,996.28	176.59	10,038.97	1.75	741.49	213.97	0.10
Cosumnes SMUD 2a	2025	9	10,871.13	169.82	9,949.15	1.75	713.07	207.07	0.09
Cosumnes SMUD 2a	2025	10	10,898.09	164.17	9,992.82	1.87	689.33	213.97	0.09
Cosumnes SMUD 2a	2025	11	10,749.23	154.60	9,891.01	1.90	649.16	207.07	0.08
Cosumnes SMUD 2a	2025	12	11,978.35	163.89	11,074.04	2.08	688.17	213.97	0.09
Cosumnes SMUD 2b	2025		126,230.29	1,935.80	115,468.86	112.66	8,128.36	2,519.37	1.05
Cosumnes SMUD 2b	2025	1	11,212.72	161.09	10,320.28	1.97	676.41	213.97	0.09
Cosumnes SMUD 2b	2025	2	9,550.17	143.50	8,752.58	1.70	602.55	193.27	0.08
Cosumnes SMUD 2b	2025	3	10,182.57	158.32	9,301.92	1.81	664.79	213.97	0.09
Cosumnes SMUD 2b	2025	4	9,616.03	153.75	8,761.58	1.70	645.59	207.07	0.08
Cosumnes SMUD 2b	2025	5	9,731.04	157.46	8,824.27	31.55	661.16	213.97	0.09
Cosumnes SMUD 2b	2025	6	9,796.31	159.64	8,888.43	30.39	670.33	207.07	0.09
Cosumnes SMUD 2b	2025	7	10,602.94	172.71	9,661.94	1.72	725.22	213.97	0.09
Cosumnes SMUD 2b	2025	8	10,996.28	176.59	10,038.97	1.75	741.49	213.97	0.10
Cosumnes SMUD 2b	2025	9	10,803.89	168.75	9,886.41	1.75	708.57	207.07	0.09
Cosumnes SMUD 2b	2025	10	11,043.61	165.83	10,098.89	34.34	696.30	213.97	0.09
Cosumnes SMUD 2b	2025	11	10,684.24	153.75	9,829.59	1.90	645.59	207.07	0.08
Cosumnes SMUD 2b	2025	12	12,010.48	164.41	11,103.99	2.08	690.35	213.97	0.09
Cosumnes SMUD 3a	2025		122,944.07	1,881.93	112,319.83	201.72	7,902.14	2,519.37	1.02
Cosumnes SMUD 3a	2025	1	11,212.72	161.09	10,320.28	1.97	676.41	213.97	0.09
Cosumnes SMUD 3a	2025	2	8,508.97	127.00	7,751.28	31.09	533.27	193.27	0.07
Cosumnes SMUD 3a	2025	3	10,182.57	158.32	9,301.92	1.81	664.79	213.97	0.09
Cosumnes SMUD 3a	2025	4	9,353.93	149.46	8,517.49	1.70	627.59	207.07	0.08
Cosumnes SMUD 3a	2025	5	8,913.61	143.38	8,036.14	61.39	602.03	213.97	0.08
Cosumnes SMUD 3a	2025	6	9,668.12	157.50	8,769.24	30.39	661.34	207.07	0.09

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3a	2025	7	10,404.58	168.84	9,450.01	31.55	708.95	213.97	0.09
Cosumnes SMUD 3a	2025	8	10,523.36	168.84	9,598.60	1.75	708.95	213.97	0.09
Cosumnes SMUD 3a	2025	9	10,803.89	168.75	9,886.41	1.75	708.57	207.07	0.09
Cosumnes SMUD 3a	2025	10	11,043.61	165.83	10,098.89	34.34	696.30	213.97	0.09
Cosumnes SMUD 3a	2025	11	10,749.23	154.60	9,891.01	1.90	649.16	207.07	0.08
Cosumnes SMUD 3a	2025	12	11,579.47	158.32	10,698.54	2.08	664.79	213.97	0.09
Cosumnes SMUD 3b	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 3b	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2025		13,228.24	122.97	10,154.20	58.57	1,999.33	1,016.15	0.00
G1nGT SMUD 33	2025	1	897.86	7.66	679.23	7.77	124.56	86.30	0.00
G1nGT SMUD 33	2025	2	322.19	2.40	202.57	2.65	39.02	77.95	0.00
G1nGT SMUD 33	2025	3	291.25	2.08	169.14	1.97	33.84	86.30	0.00
G1nGT SMUD 33	2025	4	226.23	1.50	118.29	0.04	24.39	83.52	0.00
G1nGT SMUD 33	2025	5	896.49	8.61	666.29	3.90	140.00	86.30	0.00
G1nGT SMUD 33	2025	6	1,252.21	12.48	961.08	4.71	202.90	83.52	0.00
G1nGT SMUD 33	2025	7	1,615.01	16.26	1,258.46	5.83	264.42	86.30	0.00
G1nGT SMUD 33	2025	8	1,930.09	19.36	1,523.18	5.83	314.78	86.30	0.00
G1nGT SMUD 33	2025	9	1,632.62	15.86	1,285.64	5.65	257.81	83.52	0.00
G1nGT SMUD 33	2025	10	803.12	7.09	596.75	4.87	115.20	86.30	0.00
G1nGT SMUD 33	2025	11	1,758.85	15.94	1,410.48	5.65	259.20	83.52	0.00
G1nGT SMUD 33	2025	12	1,602.31	13.73	1,283.10	9.70	223.20	86.30	0.00
GenGT SMUD 1	2025		17,367.62	165.26	13,590.12	74.43	2,686.92	1,016.15	0.00
GenGT SMUD 1	2025	1	1,326.28	11.74	1,040.44	8.73	190.80	86.30	0.00
GenGT SMUD 1	2025	2	797.65	7.08	597.58	7.02	115.11	77.95	0.00
GenGT SMUD 1	2025	3	715.97	6.38	518.21	7.77	103.68	86.30	0.00
GenGT SMUD 1	2025	4	472.68	4.07	321.06	1.91	66.19	83.52	0.00
GenGT SMUD 1	2025	5	1,525.97	15.32	1,185.67	4.87	249.12	86.30	0.00
GenGT SMUD 1	2025	6	1,684.05	17.10	1,316.86	5.65	278.02	83.52	0.00
GenGT SMUD 1	2025	7	2,153.10	22.01	1,703.12	5.83	357.85	86.30	0.00
GenGT SMUD 1	2025	8	2,215.21	22.36	1,759.47	5.83	363.61	86.30	0.00
GenGT SMUD 1	2025	9	1,837.02	17.96	1,455.90	5.65	291.95	83.52	0.00
GenGT SMUD 1	2025	10	1,098.74	10.01	842.91	6.80	162.72	86.30	0.00
GenGT SMUD 1	2025	11	1,570.33	14.14	1,251.23	5.65	229.94	83.52	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 1	2025	12	1,970.63	17.09	1,597.67	8.73	277.92	86.30	0.00
GenGT SMUD 10	2025		16,837.15	159.68	13,152.43	72.37	2,596.20	1,016.15	0.00
GenGT SMUD 10	2025	1	1,099.58	9.57	848.05	9.70	155.52	86.30	0.00
GenGT SMUD 10	2025	2	637.47	5.48	462.53	7.89	89.10	77.95	0.00
GenGT SMUD 10	2025	3	666.53	5.89	478.63	5.83	95.76	86.30	0.00
GenGT SMUD 10	2025	4	472.68	4.07	321.06	1.91	66.19	83.52	0.00
GenGT SMUD 10	2025	5	1,287.67	12.80	990.34	2.94	208.08	86.30	0.00
GenGT SMUD 10	2025	6	1,572.12	15.90	1,224.45	5.65	258.51	83.52	0.00
GenGT SMUD 10	2025	7	2,148.95	21.97	1,699.69	5.83	357.13	86.30	0.00
GenGT SMUD 10	2025	8	2,185.78	22.05	1,735.08	5.83	358.57	86.30	0.00
GenGT SMUD 10	2025	9	1,832.85	17.91	1,452.43	5.65	291.26	83.52	0.00
GenGT SMUD 10	2025	10	1,111.12	10.14	854.10	5.83	164.88	86.30	0.00
GenGT SMUD 10	2025	11	1,822.62	16.54	1,463.56	6.58	268.96	83.52	0.00
GenGT SMUD 10	2025	12	1,999.78	17.36	1,622.50	8.73	282.24	86.30	0.00
GenGT SMUD 11	2025		16,640.67	157.96	12,978.30	78.02	2,568.22	1,016.15	0.00
GenGT SMUD 11	2025	1	1,159.01	10.14	899.09	8.73	164.88	86.30	0.00
GenGT SMUD 11	2025	2	634.31	5.44	459.16	8.76	88.45	77.95	0.00
GenGT SMUD 11	2025	3	632.94	5.54	449.84	6.80	90.00	86.30	0.00
GenGT SMUD 11	2025	4	384.87	3.13	246.71	3.78	50.87	83.52	0.00
GenGT SMUD 11	2025	5	1,558.17	15.68	1,213.08	3.90	254.88	86.30	0.00
GenGT SMUD 11	2025	6	1,652.07	16.76	1,290.46	5.65	272.44	83.52	0.00
GenGT SMUD 11	2025	7	2,148.95	21.97	1,699.69	5.83	357.13	86.30	0.00
GenGT SMUD 11	2025	8	2,127.89	21.43	1,686.30	6.80	348.49	86.30	0.00
GenGT SMUD 11	2025	9	1,767.04	17.23	1,396.83	6.58	280.11	83.52	0.00
GenGT SMUD 11	2025	10	1,137.82	10.41	876.48	5.83	169.20	86.30	0.00
GenGT SMUD 11	2025	11	1,480.57	13.29	1,175.40	5.65	216.00	83.52	0.00
GenGT SMUD 11	2025	12	1,957.02	16.96	1,585.25	9.70	275.76	86.30	0.00
GenGT SMUD 12	2025		16,353.30	155.18	12,739.01	75.15	2,522.99	1,016.15	0.00
GenGT SMUD 12	2025	1	1,233.35	10.85	961.91	8.73	176.40	86.30	0.00
GenGT SMUD 12	2025	2	670.55	5.80	489.54	8.76	94.30	77.95	0.00
GenGT SMUD 12	2025	3	546.57	4.65	377.86	6.80	75.60	86.30	0.00
GenGT SMUD 12	2025	4	416.55	3.47	273.75	2.84	56.44	83.52	0.00
GenGT SMUD 12	2025	5	1,475.24	14.79	1,144.55	3.90	240.48	86.30	0.00
GenGT SMUD 12	2025	6	1,584.12	16.03	1,234.35	5.65	260.60	83.52	0.00
GenGT SMUD 12	2025	7	2,148.95	21.97	1,699.69	5.83	357.13	86.30	0.00
GenGT SMUD 12	2025	8	2,202.60	22.23	1,749.02	5.83	361.45	86.30	0.00
GenGT SMUD 12	2025	9	1,767.04	17.23	1,396.83	6.58	280.11	83.52	0.00
GenGT SMUD 12	2025	10	1,044.38	9.48	798.16	5.83	154.08	86.30	0.00
GenGT SMUD 12	2025	11	1,511.99	13.59	1,201.94	5.65	220.88	83.52	0.00
GenGT SMUD 12	2025	12	1,751.97	15.10	1,411.41	8.73	245.52	86.30	0.00
GenGT SMUD 13	2025		15,776.54	149.35	12,257.85	74.34	2,428.21	1,016.15	0.00
GenGT SMUD 13	2025	1	1,048.47	9.08	804.87	9.70	147.60	86.30	0.00
GenGT SMUD 13	2025	2	661.63	5.72	482.79	7.89	93.00	77.95	0.00
GenGT SMUD 13	2025	3	492.81	4.12	334.68	4.87	66.96	86.30	0.00
GenGT SMUD 13	2025	4	349.46	2.79	219.68	0.97	45.29	83.52	0.00
GenGT SMUD 13	2025	5	1,491.82	14.97	1,158.26	3.90	243.36	86.30	0.00
GenGT SMUD 13	2025	6	1,585.05	16.03	1,234.35	6.58	260.60	83.52	0.00
GenGT SMUD 13	2025	7	2,066.98	21.08	1,631.15	6.80	342.73	86.30	0.00
GenGT SMUD 13	2025	8	2,140.50	21.57	1,696.75	6.80	350.65	86.30	0.00
GenGT SMUD 13	2025	9	1,720.22	16.76	1,358.61	5.65	272.44	83.52	0.00
GenGT SMUD 13	2025	10	946.48	8.50	716.10	5.83	138.24	86.30	0.00
GenGT SMUD 13	2025	11	1,471.59	13.20	1,167.81	5.65	214.61	83.52	0.00
GenGT SMUD 13	2025	12	1,801.53	15.54	1,452.80	9.70	252.72	86.30	0.00
GenGT SMUD 14	2025		15,670.49	148.17	12,175.03	70.38	2,408.93	1,016.15	0.00
GenGT SMUD 14	2025	1	1,115.27	9.74	863.76	6.80	158.40	86.30	0.00
GenGT SMUD 14	2025	2	686.66	5.96	503.05	8.76	96.90	77.95	0.00
GenGT SMUD 14	2025	3	380.53	2.97	241.11	4.87	48.24	86.30	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 14	2025	4	349.46	2.79	219.68	0.97	45.29	83.52	0.00
GenGT SMUD 14	2025	5	1,260.57	12.49	966.36	4.87	203.04	86.30	0.00
GenGT SMUD 14	2025	6	1,640.08	16.63	1,280.56	5.65	270.35	83.52	0.00
GenGT SMUD 14	2025	7	2,041.14	20.81	1,610.59	5.83	338.41	86.30	0.00
GenGT SMUD 14	2025	8	2,181.58	22.01	1,731.60	5.83	357.85	86.30	0.00
GenGT SMUD 14	2025	9	1,824.50	17.83	1,445.48	5.65	289.86	83.52	0.00
GenGT SMUD 14	2025	10	826.34	7.31	615.40	5.83	118.80	86.30	0.00
GenGT SMUD 14	2025	11	1,602.69	14.44	1,277.77	6.58	234.82	83.52	0.00
GenGT SMUD 14	2025	12	1,761.69	15.19	1,419.69	8.73	246.96	86.30	0.00
GenGT SMUD 15	2025		15,778.68	149.32	12,267.05	67.76	2,427.72	1,016.15	0.00
GenGT SMUD 15	2025	1	1,083.71	9.43	836.28	7.77	153.36	86.30	0.00
GenGT SMUD 15	2025	2	527.01	4.40	371.38	6.14	71.54	77.95	0.00
GenGT SMUD 15	2025	3	462.58	3.81	309.49	4.87	61.92	86.30	0.00
GenGT SMUD 15	2025	4	349.46	2.79	219.68	0.97	45.29	83.52	0.00
GenGT SMUD 15	2025	5	1,238.87	12.27	949.22	3.90	199.44	86.30	0.00
GenGT SMUD 15	2025	6	1,636.08	16.59	1,277.26	5.65	269.66	83.52	0.00
GenGT SMUD 15	2025	7	2,144.81	21.92	1,696.26	5.83	356.41	86.30	0.00
GenGT SMUD 15	2025	8	2,198.40	22.19	1,745.53	5.83	360.73	86.30	0.00
GenGT SMUD 15	2025	9	1,762.87	17.19	1,393.36	6.58	279.41	83.52	0.00
GenGT SMUD 15	2025	10	954.42	8.59	723.56	4.87	139.68	86.30	0.00
GenGT SMUD 15	2025	11	1,628.68	14.70	1,300.52	5.65	239.00	83.52	0.00
GenGT SMUD 15	2025	12	1,791.81	15.46	1,444.52	9.70	251.28	86.30	0.00
GenGT SMUD 16	2025		15,435.72	145.97	11,983.09	63.18	2,373.30	1,016.15	0.00
GenGT SMUD 16	2025	1	1,019.63	8.81	781.31	8.73	143.28	86.30	0.00
GenGT SMUD 16	2025	2	452.79	3.68	310.61	4.40	59.83	77.95	0.00
GenGT SMUD 16	2025	3	368.99	2.88	233.92	1.97	46.80	86.30	0.00
GenGT SMUD 16	2025	4	205.85	1.29	101.39	0.04	20.90	83.52	0.00
GenGT SMUD 16	2025	5	1,296.92	12.89	997.20	3.90	209.52	86.30	0.00
GenGT SMUD 16	2025	6	1,636.08	16.59	1,277.26	5.65	269.66	83.52	0.00
GenGT SMUD 16	2025	7	2,144.81	21.92	1,696.26	5.83	356.41	86.30	0.00
GenGT SMUD 16	2025	8	2,194.19	22.14	1,742.05	5.83	360.01	86.30	0.00
GenGT SMUD 16	2025	9	1,820.33	17.79	1,442.00	5.65	289.17	83.52	0.00
GenGT SMUD 16	2025	10	923.27	8.28	697.45	4.87	134.64	86.30	0.00
GenGT SMUD 16	2025	11	1,628.68	14.70	1,300.52	5.65	239.00	83.52	0.00
GenGT SMUD 16	2025	12	1,744.18	15.01	1,403.13	10.67	244.08	86.30	0.00
GenGT SMUD 17	2025		15,366.27	145.23	11,926.59	62.31	2,361.22	1,016.15	0.00
GenGT SMUD 17	2025	1	1,066.09	9.26	820.57	8.73	150.48	86.30	0.00
GenGT SMUD 17	2025	2	387.49	3.04	256.59	3.52	49.43	77.95	0.00
GenGT SMUD 17	2025	3	404.51	3.23	262.71	2.94	52.56	86.30	0.00
GenGT SMUD 17	2025	4	205.85	1.29	101.39	0.04	20.90	83.52	0.00
GenGT SMUD 17	2025	5	1,317.66	13.11	1,014.33	3.90	213.12	86.30	0.00
GenGT SMUD 17	2025	6	1,636.08	16.59	1,277.26	5.65	269.66	83.52	0.00
GenGT SMUD 17	2025	7	2,083.57	21.26	1,644.86	6.80	345.61	86.30	0.00
GenGT SMUD 17	2025	8	2,194.19	22.14	1,742.05	5.83	360.01	86.30	0.00
GenGT SMUD 17	2025	9	1,820.33	17.79	1,442.00	5.65	289.17	83.52	0.00
GenGT SMUD 17	2025	10	829.82	7.35	619.13	4.87	119.52	86.30	0.00
GenGT SMUD 17	2025	11	1,673.57	15.13	1,338.44	5.65	245.97	83.52	0.00
GenGT SMUD 17	2025	12	1,747.11	15.06	1,407.27	8.73	244.80	86.30	0.00
GenGT SMUD 18	2025		15,317.01	144.91	11,881.60	63.24	2,356.02	1,016.15	0.00
GenGT SMUD 18	2025	1	963.87	8.28	734.20	8.73	134.64	86.30	0.00
GenGT SMUD 18	2025	2	379.44	2.96	249.84	3.52	48.12	77.95	0.00
GenGT SMUD 18	2025	3	378.59	2.97	241.11	2.94	48.24	86.30	0.00
GenGT SMUD 18	2025	4	349.46	2.79	219.68	0.97	45.29	83.52	0.00
GenGT SMUD 18	2025	5	1,483.53	14.88	1,151.40	3.90	241.92	86.30	0.00
GenGT SMUD 18	2025	6	1,588.11	16.07	1,237.65	5.65	261.30	83.52	0.00
GenGT SMUD 18	2025	7	2,103.34	21.48	1,661.99	5.83	349.21	86.30	0.00
GenGT SMUD 18	2025	8	2,132.10	21.48	1,689.79	6.80	349.21	86.30	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 18	2025	9	1,778.62	17.36	1,407.25	5.65	282.20	83.52	0.00
GenGT SMUD 18	2025	10	829.82	7.35	619.13	4.87	119.52	86.30	0.00
GenGT SMUD 18	2025	11	1,534.43	13.80	1,220.90	5.65	224.37	83.52	0.00
GenGT SMUD 18	2025	12	1,795.70	15.50	1,448.66	8.73	252.00	86.30	0.00
GenGT SMUD 19	2025		15,269.64	144.23	11,845.21	63.34	2,344.94	1,016.15	0.00
GenGT SMUD 19	2025	1	1,119.13	9.74	863.76	10.67	158.40	86.30	0.00
GenGT SMUD 19	2025	2	338.30	2.56	216.07	2.65	41.62	77.95	0.00
GenGT SMUD 19	2025	3	334.44	2.52	205.13	1.97	41.04	86.30	0.00
GenGT SMUD 19	2025	4	349.46	2.79	219.68	0.97	45.29	83.52	0.00
GenGT SMUD 19	2025	5	1,234.72	12.22	945.79	3.90	198.72	86.30	0.00
GenGT SMUD 19	2025	6	1,636.08	16.59	1,277.26	5.65	269.66	83.52	0.00
GenGT SMUD 19	2025	7	2,083.57	21.26	1,644.86	6.80	345.61	86.30	0.00
GenGT SMUD 19	2025	8	2,173.17	21.92	1,724.63	5.83	356.41	86.30	0.00
GenGT SMUD 19	2025	9	1,820.33	17.79	1,442.00	5.65	289.17	83.52	0.00
GenGT SMUD 19	2025	10	718.58	6.24	525.89	4.87	101.52	86.30	0.00
GenGT SMUD 19	2025	11	1,763.34	15.99	1,414.27	5.65	259.90	83.52	0.00
GenGT SMUD 19	2025	12	1,698.52	14.61	1,365.88	8.73	237.60	86.30	0.00
GenGT SMUD 2	2025		14,938.97	140.85	11,570.53	62.34	2,289.96	1,016.15	0.00
GenGT SMUD 2	2025	1	902.51	7.71	683.15	7.77	125.28	86.30	0.00
GenGT SMUD 2	2025	2	402.72	3.20	270.09	2.65	52.03	77.95	0.00
GenGT SMUD 2	2025	3	265.34	1.82	147.55	1.97	29.52	86.30	0.00
GenGT SMUD 2	2025	4	349.46	2.79	219.68	0.97	45.29	83.52	0.00
GenGT SMUD 2	2025	5	1,234.72	12.22	945.79	3.90	198.72	86.30	0.00
GenGT SMUD 2	2025	6	1,507.23	15.21	1,171.64	4.71	247.36	83.52	0.00
GenGT SMUD 2	2025	7	2,055.04	20.95	1,621.28	6.80	340.65	86.30	0.00
GenGT SMUD 2	2025	8	2,132.10	21.48	1,689.79	6.80	349.21	86.30	0.00
GenGT SMUD 2	2025	9	1,758.70	17.14	1,389.88	6.58	278.71	83.52	0.00
GenGT SMUD 2	2025	10	829.82	7.35	619.13	4.87	119.52	86.30	0.00
GenGT SMUD 2	2025	11	1,827.11	16.59	1,467.35	6.58	269.66	83.52	0.00
GenGT SMUD 2	2025	12	1,674.23	14.39	1,345.19	8.73	234.00	86.30	0.00
GenGT SMUD 20	2025		15,132.22	143.09	11,730.31	59.41	2,326.36	1,016.15	0.00
GenGT SMUD 20	2025	1	948.97	8.15	722.42	7.77	132.48	86.30	0.00
GenGT SMUD 20	2025	2	371.38	2.88	243.08	3.52	46.82	77.95	0.00
GenGT SMUD 20	2025	3	286.93	2.04	165.54	1.97	33.12	86.30	0.00
GenGT SMUD 20	2025	4	329.07	2.57	202.78	0.97	41.81	83.52	0.00
GenGT SMUD 20	2025	5	1,477.77	14.82	1,146.64	3.90	240.92	86.30	0.00
GenGT SMUD 20	2025	6	1,516.15	15.31	1,179.00	4.71	248.91	83.52	0.00
GenGT SMUD 20	2025	7	2,082.60	21.26	1,644.86	5.83	345.61	86.30	0.00
GenGT SMUD 20	2025	8	2,173.17	21.92	1,724.63	5.83	356.41	86.30	0.00
GenGT SMUD 20	2025	9	1,820.33	17.79	1,442.00	5.65	289.17	83.52	0.00
GenGT SMUD 20	2025	10	803.12	7.09	596.75	4.87	115.20	86.30	0.00
GenGT SMUD 20	2025	11	1,624.20	14.66	1,296.73	5.65	238.30	83.52	0.00
GenGT SMUD 20	2025	12	1,698.52	14.61	1,365.88	8.73	237.60	86.30	0.00
GenGT SMUD 21	2025		14,795.13	139.62	11,446.85	62.21	2,269.92	1,016.15	0.00
GenGT SMUD 21	2025	1	1,019.63	8.81	781.31	8.73	143.28	86.30	0.00
GenGT SMUD 21	2025	2	352.12	2.68	226.20	4.40	43.57	77.95	0.00
GenGT SMUD 21	2025	3	287.90	2.04	165.54	2.94	33.12	86.30	0.00
GenGT SMUD 21	2025	4	226.23	1.50	118.29	0.04	24.39	83.52	0.00
GenGT SMUD 21	2025	5	1,421.33	14.22	1,100.00	3.90	231.12	86.30	0.00
GenGT SMUD 21	2025	6	1,533.78	15.50	1,193.56	4.71	251.99	83.52	0.00
GenGT SMUD 21	2025	7	2,002.62	20.39	1,577.97	6.80	331.55	86.30	0.00
GenGT SMUD 21	2025	8	2,194.19	22.14	1,742.05	5.83	360.01	86.30	0.00
GenGT SMUD 21	2025	9	1,820.33	17.79	1,442.00	5.65	289.17	83.52	0.00
GenGT SMUD 21	2025	10	713.16	6.20	522.16	3.90	100.80	86.30	0.00
GenGT SMUD 21	2025	11	1,598.20	14.40	1,273.98	6.58	234.12	83.52	0.00
GenGT SMUD 21	2025	12	1,625.63	13.95	1,303.79	8.73	226.80	86.30	0.00
GenGT SMUD 25	2025		15,029.58	141.83	11,644.21	63.27	2,305.95	1,016.15	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 25	2025	1	1,019.63	8.81	781.31	8.73	143.28	86.30	0.00
GenGT SMUD 25	2025	2	335.14	2.52	212.70	3.52	40.97	77.95	0.00
GenGT SMUD 25	2025	3	374.27	2.92	237.51	2.94	47.52	86.30	0.00
GenGT SMUD 25	2025	4	226.23	1.50	118.29	0.04	24.39	83.52	0.00
GenGT SMUD 25	2025	5	1,400.18	13.99	1,082.52	3.90	227.45	86.30	0.00
GenGT SMUD 25	2025	6	1,507.23	15.21	1,171.64	4.71	247.36	83.52	0.00
GenGT SMUD 25	2025	7	2,006.80	20.45	1,582.22	5.83	332.44	86.30	0.00
GenGT SMUD 25	2025	8	2,129.66	21.45	1,687.77	6.80	348.79	86.30	0.00
GenGT SMUD 25	2025	9	1,820.33	17.79	1,442.00	5.65	289.17	83.52	0.00
GenGT SMUD 25	2025	10	803.12	7.09	596.75	4.87	115.20	86.30	0.00
GenGT SMUD 25	2025	11	1,804.67	16.37	1,448.39	6.58	266.17	83.52	0.00
GenGT SMUD 25	2025	12	1,602.31	13.73	1,283.10	9.70	223.20	86.30	0.00
GenGT SMUD 26	2025		14,650.81	138.02	11,329.34	61.40	2,243.92	1,016.15	0.00
GenGT SMUD 26	2025	1	982.46	8.46	749.90	8.73	137.52	86.30	0.00
GenGT SMUD 26	2025	2	330.24	2.48	209.32	2.65	40.32	77.95	0.00
GenGT SMUD 26	2025	3	308.53	2.26	183.53	1.97	36.72	86.30	0.00
GenGT SMUD 26	2025	4	326.02	2.54	200.24	0.97	41.28	83.52	0.00
GenGT SMUD 26	2025	5	1,338.39	13.33	1,031.46	3.90	216.72	86.30	0.00
GenGT SMUD 26	2025	6	1,509.15	15.23	1,173.23	4.71	247.69	83.52	0.00
GenGT SMUD 26	2025	7	1,855.91	18.83	1,456.73	6.80	306.08	86.30	0.00
GenGT SMUD 26	2025	8	2,152.15	21.70	1,707.21	5.83	352.81	86.30	0.00
GenGT SMUD 26	2025	9	1,810.95	17.69	1,434.18	5.65	287.60	83.52	0.00
GenGT SMUD 26	2025	10	803.12	7.09	596.75	4.87	115.20	86.30	0.00
GenGT SMUD 26	2025	11	1,535.36	13.80	1,220.90	6.58	224.37	83.52	0.00
GenGT SMUD 26	2025	12	1,698.52	14.61	1,365.88	8.73	237.60	86.30	0.00
GenGT SMUD 27	2025		14,095.50	132.30	10,869.72	58.69	2,150.94	1,016.15	0.00
GenGT SMUD 27	2025	1	968.52	8.33	738.12	8.73	135.36	86.30	0.00
GenGT SMUD 27	2025	2	239.92	1.60	135.05	0.91	26.01	77.95	0.00
GenGT SMUD 27	2025	3	269.66	1.86	151.15	1.97	30.24	86.30	0.00
GenGT SMUD 27	2025	4	226.23	1.50	118.29	0.04	24.39	83.52	0.00
GenGT SMUD 27	2025	5	1,359.13	13.55	1,048.60	3.90	220.32	86.30	0.00
GenGT SMUD 27	2025	6	1,365.95	13.69	1,054.22	5.65	222.57	83.52	0.00
GenGT SMUD 27	2025	7	1,833.56	18.60	1,439.05	5.83	302.36	86.30	0.00
GenGT SMUD 27	2025	8	2,106.91	21.22	1,669.72	5.83	345.06	86.30	0.00
GenGT SMUD 27	2025	9	1,799.48	17.57	1,424.63	5.65	285.68	83.52	0.00
GenGT SMUD 27	2025	10	646.42	5.54	466.21	3.90	90.00	86.30	0.00
GenGT SMUD 27	2025	11	1,580.25	14.23	1,258.81	6.58	231.33	83.52	0.00
GenGT SMUD 27	2025	12	1,699.49	14.61	1,365.88	9.70	237.60	86.30	0.00
GenGT SMUD 28	2025		13,921.26	130.25	10,726.09	61.43	2,117.60	1,016.15	0.00
GenGT SMUD 28	2025	1	968.52	8.33	738.12	8.73	135.36	86.30	0.00
GenGT SMUD 28	2025	2	326.22	2.44	205.95	2.65	39.67	77.95	0.00
GenGT SMUD 28	2025	3	365.64	2.83	230.32	2.94	46.08	86.30	0.00
GenGT SMUD 28	2025	4	226.23	1.50	118.29	0.04	24.39	83.52	0.00
GenGT SMUD 28	2025	5	1,282.87	12.74	985.58	3.90	207.08	86.30	0.00
GenGT SMUD 28	2025	6	1,262.45	12.59	969.53	4.71	204.69	83.52	0.00
GenGT SMUD 28	2025	7	1,706.12	17.24	1,333.74	5.83	280.24	86.30	0.00
GenGT SMUD 28	2025	8	1,962.84	19.70	1,549.52	6.80	320.22	86.30	0.00
GenGT SMUD 28	2025	9	1,783.00	17.40	1,410.90	5.65	282.93	83.52	0.00
GenGT SMUD 28	2025	10	758.63	6.64	559.45	4.87	108.00	86.30	0.00
GenGT SMUD 28	2025	11	1,580.25	14.23	1,258.81	6.58	231.33	83.52	0.00
GenGT SMUD 28	2025	12	1,698.52	14.61	1,365.88	8.73	237.60	86.30	0.00
GenGT SMUD 3	2025		13,584.67	126.76	10,447.10	60.59	2,060.84	1,016.15	0.00
GenGT SMUD 3	2025	1	991.75	8.55	757.75	8.73	138.96	86.30	0.00
GenGT SMUD 3	2025	2	244.82	1.64	138.42	1.78	26.66	77.95	0.00
GenGT SMUD 3	2025	3	339.72	2.57	208.73	2.94	41.76	86.30	0.00
GenGT SMUD 3	2025	4	226.23	1.50	118.29	0.04	24.39	83.52	0.00
GenGT SMUD 3	2025	5	1,256.20	12.45	963.55	3.90	202.45	86.30	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 3	2025	6	1,320.96	13.22	1,017.85	4.71	214.89	83.52	0.00
GenGT SMUD 3	2025	7	1,607.64	16.17	1,251.57	6.80	262.97	86.30	0.00
GenGT SMUD 3	2025	8	1,902.22	19.06	1,499.28	6.80	309.84	86.30	0.00
GenGT SMUD 3	2025	9	1,721.51	16.77	1,359.69	5.65	272.66	83.52	0.00
GenGT SMUD 3	2025	10	669.63	5.76	484.86	4.87	93.60	86.30	0.00
GenGT SMUD 3	2025	11	1,556.87	14.01	1,239.86	5.65	227.85	83.52	0.00
GenGT SMUD 3	2025	12	1,747.11	15.06	1,407.27	8.73	244.80	86.30	0.00
GenGT SMUD 30	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 30	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2025		12,863.38	118.86	9,855.29	59.53	1,932.41	1,016.15	0.00
GenGT SMUD 34	2025	1	977.81	8.41	745.97	8.73	136.80	86.30	0.00
GenGT SMUD 34	2025	2	322.19	2.40	202.57	2.65	39.02	77.95	0.00
GenGT SMUD 34	2025	3	235.11	1.51	122.36	1.97	24.48	86.30	0.00
GenGT SMUD 34	2025	4	133.80	0.53	41.66	0.04	8.59	83.52	0.00
GenGT SMUD 34	2025	5	743.74	6.98	540.06	3.90	113.47	86.30	0.00
GenGT SMUD 34	2025	6	1,151.48	11.40	877.91	4.71	185.35	83.52	0.00
GenGT SMUD 34	2025	7	1,580.26	15.89	1,229.74	5.83	258.38	86.30	0.00
GenGT SMUD 34	2025	8	1,808.38	18.07	1,421.51	6.80	293.77	86.30	0.00
GenGT SMUD 34	2025	9	1,648.26	16.02	1,298.67	5.65	260.42	83.52	0.00
GenGT SMUD 34	2025	10	803.12	7.09	596.75	4.87	115.20	86.30	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 34	2025	11	1,736.41	15.73	1,391.52	5.65	255.72	83.52	0.00
GenGT SMUD 34	2025	12	1,722.82	14.84	1,386.58	8.73	241.20	86.30	0.00
GenGT SMUD 35	2025		12,247.25	112.67	9,339.75	59.59	1,831.76	1,016.15	0.00
GenGT SMUD 35	2025	1	987.10	8.50	753.83	8.73	138.24	86.30	0.00
GenGT SMUD 35	2025	2	281.05	2.00	168.81	1.78	32.52	77.95	0.00
GenGT SMUD 35	2025	3	235.11	1.51	122.36	1.97	24.48	86.30	0.00
GenGT SMUD 35	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 35	2025	5	679.66	6.30	487.11	3.90	102.35	86.30	0.00
GenGT SMUD 35	2025	6	1,170.47	11.60	893.58	4.71	188.66	83.52	0.00
GenGT SMUD 35	2025	7	1,455.78	14.55	1,126.08	6.80	236.60	86.30	0.00
GenGT SMUD 35	2025	8	1,768.90	17.66	1,389.60	5.83	287.17	86.30	0.00
GenGT SMUD 35	2025	9	1,615.93	15.69	1,271.74	5.65	255.02	83.52	0.00
GenGT SMUD 35	2025	10	803.12	7.09	596.75	4.87	115.20	86.30	0.00
GenGT SMUD 35	2025	11	1,467.10	13.16	1,164.02	5.65	213.91	83.52	0.00
GenGT SMUD 35	2025	12	1,699.49	14.61	1,365.88	9.70	237.60	86.30	0.00
GenGT SMUD 36	2025		11,705.52	107.02	8,888.99	60.40	1,739.98	1,016.15	0.00
GenGT SMUD 36	2025	1	894.18	7.62	675.30	8.73	123.84	86.30	0.00
GenGT SMUD 36	2025	2	322.19	2.40	202.57	2.65	39.02	77.95	0.00
GenGT SMUD 36	2025	3	186.64	1.02	82.77	1.00	16.56	86.30	0.00
GenGT SMUD 36	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 36	2025	5	566.44	5.10	394.34	2.94	82.86	86.30	0.00
GenGT SMUD 36	2025	6	1,027.93	10.08	775.89	4.71	163.81	83.52	0.00
GenGT SMUD 36	2025	7	1,401.71	13.98	1,081.39	6.80	227.21	86.30	0.00
GenGT SMUD 36	2025	8	1,752.42	17.49	1,375.94	5.83	284.35	86.30	0.00
GenGT SMUD 36	2025	9	1,466.34	14.15	1,147.14	5.65	230.04	83.52	0.00
GenGT SMUD 36	2025	10	803.12	7.09	596.75	4.87	115.20	86.30	0.00
GenGT SMUD 36	2025	11	1,575.35	14.17	1,253.88	7.52	230.43	83.52	0.00
GenGT SMUD 36	2025	12	1,625.68	13.94	1,303.01	9.70	226.67	86.30	0.00
GenGT SMUD 37	2025		11,024.53	99.83	8,324.78	60.46	1,623.14	1,016.15	0.00
GenGT SMUD 37	2025	1	954.58	8.19	726.34	8.73	133.20	86.30	0.00
GenGT SMUD 37	2025	2	208.58	1.28	108.04	1.78	20.81	77.95	0.00
GenGT SMUD 37	2025	3	99.30	0.13	10.80	0.04	2.16	86.30	0.00
GenGT SMUD 37	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 37	2025	5	414.26	3.46	267.79	3.90	56.27	86.30	0.00
GenGT SMUD 37	2025	6	870.28	8.39	645.72	4.71	136.33	83.52	0.00
GenGT SMUD 37	2025	7	1,359.83	13.53	1,046.78	6.80	219.94	86.30	0.00
GenGT SMUD 37	2025	8	1,655.86	16.46	1,295.11	6.80	267.64	86.30	0.00
GenGT SMUD 37	2025	9	1,428.02	13.75	1,114.44	6.58	223.48	83.52	0.00
GenGT SMUD 37	2025	10	739.86	6.47	544.54	3.90	105.12	86.30	0.00
GenGT SMUD 37	2025	11	1,531.81	13.76	1,217.11	7.52	223.67	83.52	0.00
GenGT SMUD 37	2025	12	1,678.64	14.42	1,348.12	9.70	234.52	86.30	0.00
GenGT SMUD 38	2025		10,473.60	94.25	7,868.41	56.66	1,532.39	1,016.15	0.00
GenGT SMUD 38	2025	1	954.58	8.19	726.34	8.73	133.20	86.30	0.00
GenGT SMUD 38	2025	2	208.58	1.28	108.04	1.78	20.81	77.95	0.00
GenGT SMUD 38	2025	3	186.64	1.02	82.77	1.00	16.56	86.30	0.00
GenGT SMUD 38	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 38	2025	5	350.49	2.79	215.89	2.94	45.36	86.30	0.00
GenGT SMUD 38	2025	6	714.52	6.72	517.12	4.71	109.17	83.52	0.00
GenGT SMUD 38	2025	7	1,292.06	12.81	991.58	5.83	208.34	86.30	0.00
GenGT SMUD 38	2025	8	1,621.55	16.11	1,267.48	5.83	261.93	86.30	0.00
GenGT SMUD 38	2025	9	1,362.86	13.08	1,060.17	6.58	212.60	83.52	0.00
GenGT SMUD 38	2025	10	621.39	5.28	444.42	4.87	85.79	86.30	0.00
GenGT SMUD 38	2025	11	1,490.17	13.38	1,183.51	5.65	217.50	83.52	0.00
GenGT SMUD 38	2025	12	1,587.25	13.60	1,271.10	8.73	221.12	86.30	0.00
GenGT SMUD 39	2025		9,818.38	87.52	7,325.40	53.86	1,422.98	1,016.15	0.00
GenGT SMUD 39	2025	1	907.15	7.75	687.08	7.77	126.00	86.30	0.00
GenGT SMUD 39	2025	2	167.44	0.88	74.28	0.91	14.31	77.95	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 39	2025	3	155.44	0.71	57.58	0.04	11.52	86.30	0.00
GenGT SMUD 39	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 39	2025	5	293.03	2.20	170.00	1.00	35.72	86.30	0.00
GenGT SMUD 39	2025	6	460.81	4.00	308.40	3.78	65.11	83.52	0.00
GenGT SMUD 39	2025	7	1,299.89	12.90	998.05	5.83	209.70	86.30	0.00
GenGT SMUD 39	2025	8	1,526.45	15.10	1,187.87	6.80	245.48	86.30	0.00
GenGT SMUD 39	2025	9	1,287.21	12.31	997.93	5.65	200.12	83.52	0.00
GenGT SMUD 39	2025	10	624.64	5.31	447.15	4.87	86.32	86.30	0.00
GenGT SMUD 39	2025	11	1,503.76	13.49	1,193.41	7.52	219.31	83.52	0.00
GenGT SMUD 39	2025	12	1,509.04	12.88	1,203.65	9.70	209.38	86.30	0.00
GenGT SMUD 4	2025		8,909.01	78.42	6,565.93	51.98	1,274.96	1,016.15	0.00
GenGT SMUD 4	2025	1	890.33	7.59	672.87	7.77	123.40	86.30	0.00
GenGT SMUD 4	2025	2	158.51	0.80	67.52	0.03	13.01	77.95	0.00
GenGT SMUD 4	2025	3	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 4	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 4	2025	5	279.03	2.04	157.63	1.97	33.12	86.30	0.00
GenGT SMUD 4	2025	6	382.15	3.17	244.23	2.84	51.56	83.52	0.00
GenGT SMUD 4	2025	7	1,154.51	11.35	877.91	5.83	184.46	86.30	0.00
GenGT SMUD 4	2025	8	1,506.90	14.90	1,172.47	5.83	242.30	86.30	0.00
GenGT SMUD 4	2025	9	1,196.90	11.38	922.71	5.65	185.03	83.52	0.00
GenGT SMUD 4	2025	10	439.28	3.46	291.78	4.87	56.33	86.30	0.00
GenGT SMUD 4	2025	11	1,324.59	11.77	1,041.27	8.45	191.35	83.52	0.00
GenGT SMUD 4	2025	12	1,406.98	11.96	1,117.54	8.73	194.40	86.30	0.00
GenGT SMUD 40	2025		8,164.27	71.09	5,945.09	47.19	1,155.85	1,016.15	0.00
GenGT SMUD 40	2025	1	790.03	6.64	588.93	6.80	108.00	86.30	0.00
GenGT SMUD 40	2025	2	199.65	1.20	101.28	0.91	19.51	77.95	0.00
GenGT SMUD 40	2025	3	138.16	0.53	43.18	0.04	8.64	86.30	0.00
GenGT SMUD 40	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 40	2025	5	237.56	1.59	123.36	1.97	25.92	86.30	0.00
GenGT SMUD 40	2025	6	346.65	2.79	214.91	2.84	45.37	83.52	0.00
GenGT SMUD 40	2025	7	1,174.45	11.56	894.39	5.83	187.92	86.30	0.00
GenGT SMUD 40	2025	8	1,395.41	13.73	1,080.07	5.83	223.20	86.30	0.00
GenGT SMUD 40	2025	9	997.95	9.35	757.76	4.71	151.96	83.52	0.00
GenGT SMUD 40	2025	10	325.57	2.35	198.09	2.94	38.24	86.30	0.00
GenGT SMUD 40	2025	11	1,184.12	10.45	924.19	6.58	169.84	83.52	0.00
GenGT SMUD 40	2025	12	1,291.19	10.90	1,018.91	8.73	177.25	86.30	0.00
GenGT SMUD 41	2025		7,181.61	61.43	5,126.09	40.64	998.73	1,016.15	0.00
GenGT SMUD 41	2025	1	908.12	7.75	687.08	8.73	126.00	86.30	0.00
GenGT SMUD 41	2025	2	118.25	0.40	33.76	0.03	6.50	77.95	0.00
GenGT SMUD 41	2025	3	116.57	0.31	25.19	0.04	5.04	86.30	0.00
GenGT SMUD 41	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 41	2025	5	204.55	1.25	96.88	1.00	20.36	86.30	0.00
GenGT SMUD 41	2025	6	237.32	1.63	125.42	1.91	26.48	83.52	0.00
GenGT SMUD 41	2025	7	1,103.01	10.80	835.35	5.83	175.52	86.30	0.00
GenGT SMUD 41	2025	8	1,395.41	13.73	1,080.07	5.83	223.20	86.30	0.00
GenGT SMUD 41	2025	9	862.50	7.95	644.94	4.71	129.33	83.52	0.00
GenGT SMUD 41	2025	10	216.98	1.28	107.88	1.97	20.83	86.30	0.00
GenGT SMUD 41	2025	11	854.53	7.33	648.12	3.78	119.11	83.52	0.00
GenGT SMUD 41	2025	12	1,080.86	9.00	841.39	6.80	146.37	86.30	0.00
GenGT SMUD 42	2025		6,450.51	54.17	4,517.01	36.68	880.67	1,016.15	0.00
GenGT SMUD 42	2025	1	649.68	5.31	471.14	5.83	86.40	86.30	0.00
GenGT SMUD 42	2025	2	118.25	0.40	33.76	0.03	6.50	77.95	0.00
GenGT SMUD 42	2025	3	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 42	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 42	2025	5	94.63	0.09	6.85	0.04	1.44	86.30	0.00
GenGT SMUD 42	2025	6	266.23	1.93	148.52	2.84	31.36	83.52	0.00
GenGT SMUD 42	2025	7	1,084.47	10.60	820.03	5.83	172.30	86.30	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 5	2025		4,625.78	36.71	2,988.54	24.26	596.82	1,016.15	0.00
GenGT SMUD 5	2025	1	325.23	2.26	200.24	1.97	36.72	86.30	0.00
GenGT SMUD 5	2025	2	118.25	0.40	33.76	0.03	6.50	77.95	0.00
GenGT SMUD 5	2025	3	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 5	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 5	2025	5	120.48	0.35	27.41	1.00	5.76	86.30	0.00
GenGT SMUD 5	2025	6	169.37	0.90	69.31	1.91	14.63	83.52	0.00
GenGT SMUD 5	2025	7	955.79	9.22	713.70	5.83	149.96	86.30	0.00
GenGT SMUD 5	2025	8	1,205.51	11.73	922.69	5.83	190.68	86.30	0.00
GenGT SMUD 5	2025	9	637.55	5.66	459.12	2.84	92.07	83.52	0.00
GenGT SMUD 5	2025	10	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 5	2025	11	408.96	3.09	273.31	1.91	50.23	83.52	0.00
GenGT SMUD 5	2025	12	428.52	3.09	289.00	2.94	50.27	86.30	0.00
GenGT SMUD 6	2025		4,195.08	32.47	2,628.68	22.30	527.96	1,016.15	0.00
GenGT SMUD 6	2025	1	273.15	1.77	157.05	1.00	28.80	86.30	0.00
GenGT SMUD 6	2025	2	77.95	0.00	0.00	0.00	0.00	77.95	0.00
GenGT SMUD 6	2025	3	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 6	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 6	2025	5	116.33	0.31	23.99	1.00	5.04	86.30	0.00
GenGT SMUD 6	2025	6	169.37	0.90	69.31	1.91	14.63	83.52	0.00
GenGT SMUD 6	2025	7	903.28	8.66	670.30	5.83	140.84	86.30	0.00
GenGT SMUD 6	2025	8	1,152.04	11.16	878.38	5.83	181.52	86.30	0.00
GenGT SMUD 6	2025	9	522.16	4.48	363.00	2.84	72.79	83.52	0.00
GenGT SMUD 6	2025	10	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 6	2025	11	465.44	3.63	321.02	1.91	58.99	83.52	0.00
GenGT SMUD 6	2025	12	259.24	1.56	145.64	1.97	25.33	86.30	0.00
GenGT SMUD 7	2025		3,683.58	27.47	2,201.43	19.46	446.54	1,016.15	0.00
GenGT SMUD 7	2025	1	353.88	2.52	223.63	2.94	41.01	86.30	0.00
GenGT SMUD 7	2025	2	77.95	0.00	0.00	0.00	0.00	77.95	0.00
GenGT SMUD 7	2025	3	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 7	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 7	2025	5	111.22	0.27	20.56	0.04	4.32	86.30	0.00
GenGT SMUD 7	2025	6	156.44	0.77	59.41	0.97	12.54	83.52	0.00
GenGT SMUD 7	2025	7	859.30	8.19	633.96	5.83	133.20	86.30	0.00
GenGT SMUD 7	2025	8	1,083.55	10.44	821.62	5.83	169.79	86.30	0.00
GenGT SMUD 7	2025	9	421.31	3.44	279.00	2.84	55.95	83.52	0.00
GenGT SMUD 7	2025	10	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 7	2025	11	243.99	1.52	134.74	0.97	24.76	83.52	0.00
GenGT SMUD 7	2025	12	119.83	0.31	28.53	0.04	4.96	86.30	0.00
GenGT SMUD 8	2025		3,104.08	21.74	1,717.91	16.53	353.50	1,016.15	0.00
GenGT SMUD 8	2025	1	116.56	0.29	25.54	0.04	4.68	86.30	0.00
GenGT SMUD 8	2025	2	77.95	0.00	0.00	0.00	0.00	77.95	0.00
GenGT SMUD 8	2025	3	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 8	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00
GenGT SMUD 8	2025	5	111.22	0.27	20.56	0.04	4.32	86.30	0.00
GenGT SMUD 8	2025	6	156.44	0.77	59.41	0.97	12.54	83.52	0.00
GenGT SMUD 8	2025	7	850.53	8.10	626.71	5.83	131.68	86.30	0.00
GenGT SMUD 8	2025	8	903.91	8.55	672.75	5.83	139.03	86.30	0.00
GenGT SMUD 8	2025	9	354.34	2.75	223.22	2.84	44.76	83.52	0.00
GenGT SMUD 8	2025	10	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 8	2025	11	190.71	1.01	89.73	0.97	16.49	83.52	0.00
GenGT SMUD 8	2025	12	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 9	2025		2,708.75	17.69	1,391.36	13.68	287.55	1,016.15	0.00
GenGT SMUD 9	2025	1	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 9	2025	2	77.95	0.00	0.00	0.00	0.00	77.95	0.00
GenGT SMUD 9	2025	3	86.30	0.00	0.00	0.00	0.00	86.30	0.00
GenGT SMUD 9	2025	4	83.52	0.00	0.00	0.00	0.00	83.52	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
MorganStanley1_O	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2025		17,034.71	71.56	5,595.86	113.87	1,163.51	10,161.47	0.00
Peaker SMUD 1	2025	1	863.03	0.00	0.00	0.00	0.00	863.03	0.00
Peaker SMUD 1	2025	2	779.51	0.00	0.00	0.00	0.00	779.51	0.00
Peaker SMUD 1	2025	3	863.03	0.00	0.00	0.00	0.00	863.03	0.00
Peaker SMUD 1	2025	4	835.19	0.00	0.00	0.00	0.00	835.19	0.00
Peaker SMUD 1	2025	5	879.76	0.18	13.71	0.15	2.88	863.03	0.00
Peaker SMUD 1	2025	6	928.13	0.94	72.61	5.00	15.33	835.19	0.00
Peaker SMUD 1	2025	7	3,940.10	32.39	2,506.56	43.85	526.66	863.03	0.00
Peaker SMUD 1	2025	8	4,175.79	34.40	2,706.69	46.71	559.36	863.03	0.00
Peaker SMUD 1	2025	9	1,199.55	3.56	288.40	18.13	57.83	835.19	0.00
Peaker SMUD 1	2025	10	863.03	0.00	0.00	0.00	0.00	863.03	0.00
Peaker SMUD 1	2025	11	844.57	0.09	7.90	0.04	1.45	835.19	0.00
Peaker SMUD 1	2025	12	863.03	0.00	0.00	0.00	0.00	863.03	0.00
Peaker SMUD 2	2025		9,841.40	6.95	541.90	41.14	113.04	9,145.32	0.00
Peaker SMUD 2	2025	1	776.73	0.00	0.00	0.00	0.00	776.73	0.00
Peaker SMUD 2	2025	2	701.56	0.00	0.00	0.00	0.00	701.56	0.00
Peaker SMUD 2	2025	3	776.73	0.00	0.00	0.00	0.00	776.73	0.00
Peaker SMUD 2	2025	4	751.67	0.00	0.00	0.00	0.00	751.67	0.00
Peaker SMUD 2	2025	5	776.73	0.00	0.00	0.00	0.00	776.73	0.00
Peaker SMUD 2	2025	6	751.67	0.00	0.00	0.00	0.00	751.67	0.00
Peaker SMUD 2	2025	7	1,160.62	3.94	304.98	14.83	64.08	776.73	0.00
Peaker SMUD 2	2025	8	1,088.92	3.01	236.92	26.31	48.96	776.73	0.00
Peaker SMUD 2	2025	9	751.67	0.00	0.00	0.00	0.00	751.67	0.00
Peaker SMUD 2	2025	10	776.73	0.00	0.00	0.00	0.00	776.73	0.00
Peaker SMUD 2	2025	11	751.67	0.00	0.00	0.00	0.00	751.67	0.00
Peaker SMUD 2	2025	12	776.73	0.00	0.00	0.00	0.00	776.73	0.00
Peaker SMUD 3	2025		7,307.88	1.86	144.33	20.29	30.24	7,113.03	0.00
Peaker SMUD 3	2025	1	604.12	0.00	0.00	0.00	0.00	604.12	0.00
Peaker SMUD 3	2025	2	545.66	0.00	0.00	0.00	0.00	545.66	0.00
Peaker SMUD 3	2025	3	604.12	0.00	0.00	0.00	0.00	604.12	0.00
Peaker SMUD 3	2025	4	584.63	0.00	0.00	0.00	0.00	584.63	0.00
Peaker SMUD 3	2025	5	604.12	0.00	0.00	0.00	0.00	604.12	0.00
Peaker SMUD 3	2025	6	584.63	0.00	0.00	0.00	0.00	584.63	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy1_7x24	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2025		12,762.25	138.97	11,106.90	228.17	1,058.45	368.63	0.10
Procter & G GT 1	2025	1	959.06	9.68	835.75	18.28	73.71	31.31	0.01
Procter & G GT 1	2025	2	28.28	0.00	0.00	0.00	0.00	28.28	0.00
Procter & G GT 1	2025	3	561.14	6.04	478.10	5.73	46.01	31.31	0.00
Procter & G GT 1	2025	4	269.30	2.83	217.25	0.20	21.54	30.30	0.00
Procter & G GT 1	2025	5	1,033.63	11.89	895.83	15.95	90.53	31.31	0.01
Procter & G GT 1	2025	6	1,390.09	16.15	1,211.30	25.48	123.00	30.30	0.01
Procter & G GT 1	2025	7	1,696.18	19.68	1,483.26	31.71	149.89	31.31	0.01
Procter & G GT 1	2025	8	1,732.02	19.81	1,517.62	32.24	150.84	31.31	0.01
Procter & G GT 1	2025	9	1,493.38	16.53	1,305.05	32.15	125.87	30.30	0.01
Procter & G GT 1	2025	10	817.27	8.57	703.29	17.36	65.30	31.31	0.01
Procter & G GT 1	2025	11	1,433.23	14.71	1,267.44	23.46	112.02	30.30	0.01
Procter & G GT 1	2025	12	1,348.66	13.09	1,192.00	25.61	99.73	31.31	0.01
Robbs Peak	2025		456.63	49.10	456.63	0.00	0.00	0.00	0.00
Robbs Peak	2025	1	33.48	3.60	33.48	0.00	0.00	0.00	0.00
Robbs Peak	2025	2	50.22	5.40	50.22	0.00	0.00	0.00	0.00
Robbs Peak	2025	3	62.31	6.70	62.31	0.00	0.00	0.00	0.00
Robbs Peak	2025	4	66.96	7.20	66.96	0.00	0.00	0.00	0.00
Robbs Peak	2025	5	66.96	7.20	66.96	0.00	0.00	0.00	0.00
Robbs Peak	2025	6	52.08	5.60	52.08	0.00	0.00	0.00	0.00
Robbs Peak	2025	7	35.34	3.80	35.34	0.00	0.00	0.00	0.00
Robbs Peak	2025	8	29.76	3.20	29.76	0.00	0.00	0.00	0.00
Robbs Peak	2025	9	13.95	1.50	13.95	0.00	0.00	0.00	0.00
Robbs Peak	2025	10	12.09	1.30	12.09	0.00	0.00	0.00	0.00
Robbs Peak	2025	11	10.23	1.10	10.23	0.00	0.00	0.00	0.00
Robbs Peak	2025	12	23.25	2.50	23.25	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2025		57,135.73	722.16	52,383.47	7.94	-2,145.07	6,888.92	0.47
SCA P&G Cogen 1	2025	1	4,742.92	55.40	4,321.58	0.79	-164.57	585.09	0.04
SCA P&G Cogen 1	2025	2	4,052.40	49.42	3,670.03	0.68	-146.80	528.47	0.03
SCA P&G Cogen 1	2025	3	4,536.05	57.65	4,121.43	0.72	-171.23	585.09	0.04

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Snohomish	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2025		82,098.38	1,148.77	77,828.56	7.01	-1,640.51	5,902.61	0.70
SPA Campbell C 1	2025	1	7,016.32	91.25	6,644.62	0.64	-130.31	501.32	0.06
SPA Campbell C 1	2025	2	5,431.31	73.31	5,082.61	0.55	-104.70	452.80	0.05
SPA Campbell C 1	2025	3	6,389.16	90.13	6,015.92	0.59	-128.71	501.32	0.06
SPA Campbell C 1	2025	4	5,795.87	83.83	5,429.84	0.55	-119.71	485.15	0.05
SPA Campbell C 1	2025	5	6,409.08	95.08	6,042.93	0.56	-135.78	501.32	0.06
SPA Campbell C 1	2025	6	6,678.89	100.17	6,336.19	0.54	-143.05	485.15	0.06
SPA Campbell C 1	2025	7	7,025.13	104.99	6,673.12	0.56	-149.94	501.32	0.06
SPA Campbell C 1	2025	8	7,432.25	109.67	7,086.91	0.57	-156.62	501.32	0.07
SPA Campbell C 1	2025	9	7,426.60	106.51	7,092.92	0.57	-152.10	485.15	0.07
SPA Campbell C 1	2025	10	7,094.50	97.31	6,731.48	0.61	-138.97	501.32	0.06
SPA Campbell C 1	2025	11	7,316.36	95.88	6,967.47	0.62	-136.92	485.15	0.06
SPA Campbell C 1	2025	12	8,082.91	100.62	7,724.55	0.67	-143.70	501.32	0.06
Union Valley	2025		1,100.19	118.30	1,100.19	0.00	0.00	0.00	0.00
Union Valley	2025	1	57.66	6.20	57.66	0.00	0.00	0.00	0.00
Union Valley	2025	2	69.75	7.50	69.75	0.00	0.00	0.00	0.00
Union Valley	2025	3	96.72	10.40	96.72	0.00	0.00	0.00	0.00
Union Valley	2025	4	91.14	9.80	91.14	0.00	0.00	0.00	0.00
Union Valley	2025	5	117.18	12.60	117.18	0.00	0.00	0.00	0.00
Union Valley	2025	6	120.90	13.00	120.90	0.00	0.00	0.00	0.00
Union Valley	2025	7	120.90	13.00	120.90	0.00	0.00	0.00	0.00
Union Valley	2025	8	139.50	15.00	139.50	0.00	0.00	0.00	0.00
Union Valley	2025	9	119.04	12.80	119.04	0.00	0.00	0.00	0.00
Union Valley	2025	10	45.57	4.90	45.57	0.00	0.00	0.00	0.00
Union Valley	2025	11	51.15	5.50	51.15	0.00	0.00	0.00	0.00
Union Valley	2025	12	70.68	7.60	70.68	0.00	0.00	0.00	0.00
WAPA 1	2025		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2025	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2025		8,406.70	903.95	8,406.70	0.00	0.00	0.00	0.00
WAPA 2	2025	1	525.17	56.47	525.17	0.00	0.00	0.00	0.00
WAPA 2	2025	2	550.59	59.20	550.59	0.00	0.00	0.00	0.00
WAPA 2	2025	3	563.91	60.64	563.91	0.00	0.00	0.00	0.00
WAPA 2	2025	4	619.38	66.60	619.38	0.00	0.00	0.00	0.00
WAPA 2	2025	5	842.76	90.62	842.76	0.00	0.00	0.00	0.00
WAPA 2	2025	6	934.09	100.44	934.09	0.00	0.00	0.00	0.00
WAPA 2	2025	7	1,209.48	130.05	1,209.48	0.00	0.00	0.00	0.00
WAPA 2	2025	8	971.46	104.46	971.46	0.00	0.00	0.00	0.00
WAPA 2	2025	9	772.72	83.09	772.72	0.00	0.00	0.00	0.00
WAPA 2	2025	10	538.31	57.88	538.31	0.00	0.00	0.00	0.00
WAPA 2	2025	11	391.72	42.12	391.72	0.00	0.00	0.00	0.00
WAPA 2	2025	12	487.11	52.38	487.11	0.00	0.00	0.00	0.00
White Rock	2025		5,072.22	545.40	5,072.22	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
White Rock	2025	1	398.97	42.90	398.97	0.00	0.00	0.00	0.00
White Rock	2025	2	436.17	46.90	436.17	0.00	0.00	0.00	0.00
White Rock	2025	3	640.77	68.90	640.77	0.00	0.00	0.00	0.00
White Rock	2025	4	666.81	71.70	666.81	0.00	0.00	0.00	0.00
White Rock	2025	5	769.11	82.70	769.11	0.00	0.00	0.00	0.00
White Rock	2025	6	580.32	62.40	580.32	0.00	0.00	0.00	0.00
White Rock	2025	7	381.30	41.00	381.30	0.00	0.00	0.00	0.00
White Rock	2025	8	322.71	34.70	322.71	0.00	0.00	0.00	0.00
White Rock	2025	9	282.72	30.40	282.72	0.00	0.00	0.00	0.00
White Rock	2025	10	159.03	17.10	159.03	0.00	0.00	0.00	0.00
White Rock	2025	11	160.89	17.30	160.89	0.00	0.00	0.00	0.00
White Rock	2025	12	273.42	29.40	273.42	0.00	0.00	0.00	0.00
Camino	2026		3,446.60	362.80	3,446.60	0.00	0.00	0.00	0.00
Camino	2026	1	228.95	24.10	228.95	0.00	0.00	0.00	0.00
Camino	2026	2	282.15	29.70	282.15	0.00	0.00	0.00	0.00
Camino	2026	3	379.05	39.90	379.05	0.00	0.00	0.00	0.00
Camino	2026	4	319.20	33.60	319.20	0.00	0.00	0.00	0.00
Camino	2026	5	323.00	34.00	323.00	0.00	0.00	0.00	0.00
Camino	2026	6	314.45	33.10	314.45	0.00	0.00	0.00	0.00
Camino	2026	7	315.40	33.20	315.40	0.00	0.00	0.00	0.00
Camino	2026	8	369.55	38.90	369.55	0.00	0.00	0.00	0.00
Camino	2026	9	329.65	34.70	329.65	0.00	0.00	0.00	0.00
Camino	2026	10	170.05	17.90	170.05	0.00	0.00	0.00	0.00
Camino	2026	11	171.95	18.10	171.95	0.00	0.00	0.00	0.00
Camino	2026	12	243.20	25.60	243.20	0.00	0.00	0.00	0.00
Camp Far West	2026		200.34	21.09	200.34	0.00	0.00	0.00	0.00
Camp Far West	2026	1	16.26	1.71	16.26	0.00	0.00	0.00	0.00
Camp Far West	2026	2	26.17	2.76	26.17	0.00	0.00	0.00	0.00
Camp Far West	2026	3	28.27	2.98	28.27	0.00	0.00	0.00	0.00
Camp Far West	2026	4	23.26	2.45	23.26	0.00	0.00	0.00	0.00
Camp Far West	2026	5	26.86	2.83	26.86	0.00	0.00	0.00	0.00
Camp Far West	2026	6	25.99	2.74	25.99	0.00	0.00	0.00	0.00
Camp Far West	2026	7	21.20	2.23	21.20	0.00	0.00	0.00	0.00
Camp Far West	2026	8	18.38	1.93	18.38	0.00	0.00	0.00	0.00
Camp Far West	2026	9	2.74	0.29	2.74	0.00	0.00	0.00	0.00
Camp Far West	2026	10	1.41	0.15	1.41	0.00	0.00	0.00	0.00
Camp Far West	2026	11	2.74	0.29	2.74	0.00	0.00	0.00	0.00
Camp Far West	2026	12	7.07	0.74	7.07	0.00	0.00	0.00	0.00
Carson Ice CGCC	2026		32,207.50	393.59	28,850.40	2.12	860.98	2,493.75	0.25
Carson Ice CGCC	2026	1	2,806.37	32.02	2,524.32	0.19	70.04	211.80	0.02
Carson Ice CGCC	2026	2	2,318.47	27.37	2,067.11	0.17	59.88	191.30	0.02
Carson Ice CGCC	2026	3	2,606.18	32.16	2,323.82	0.18	70.36	211.80	0.02
Carson Ice CGCC	2026	4	2,364.20	29.76	2,093.96	0.17	65.09	204.97	0.02
Carson Ice CGCC	2026	5	2,628.78	34.00	2,342.42	0.17	74.37	211.80	0.02
Carson Ice CGCC	2026	6	2,538.48	33.07	2,260.98	0.16	72.35	204.97	0.02
Carson Ice CGCC	2026	7	2,668.83	34.71	2,380.92	0.17	75.92	211.80	0.02
Carson Ice CGCC	2026	8	2,790.93	35.86	2,500.50	0.17	78.44	211.80	0.02
Carson Ice CGCC	2026	9	2,787.62	34.96	2,505.99	0.17	76.47	204.97	0.02
Carson Ice CGCC	2026	10	2,729.18	32.57	2,445.92	0.18	71.25	211.80	0.02
Carson Ice CGCC	2026	11	2,846.05	32.84	2,569.04	0.19	71.84	204.97	0.02
Carson Ice CGCC	2026	12	3,122.41	34.27	2,835.41	0.20	74.97	211.80	0.02
Carson Ice CGGT	2026		13,009.06	118.47	10,486.06	163.73	565.43	1,793.75	0.09
Carson Ice CGGT	2026	1	609.63	4.50	431.14	4.66	21.47	152.35	0.00
Carson Ice CGGT	2026	2	137.60	0.00	0.00	0.00	0.00	137.60	0.00
Carson Ice CGGT	2026	3	398.78	2.66	233.52	0.23	12.68	152.35	0.00
Carson Ice CGGT	2026	4	332.82	2.06	175.35	0.22	9.82	147.43	0.00
Carson Ice CGGT	2026	5	1,213.11	11.80	988.81	15.64	56.31	152.35	0.01

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Carson Ice CGGT	2026	6	1,463.18	14.74	1,226.65	18.73	70.36	147.43	0.01
Carson Ice CGGT	2026	7	1,719.37	17.47	1,460.36	23.29	83.36	152.35	0.01
Carson Ice CGGT	2026	8	1,843.93	18.53	1,579.39	23.74	88.43	152.35	0.01
Carson Ice CGGT	2026	9	1,511.91	14.50	1,271.62	23.63	69.22	147.43	0.01
Carson Ice CGGT	2026	10	844.78	7.09	645.80	12.81	33.82	152.35	0.01
Carson Ice CGGT	2026	11	1,403.82	12.34	1,180.21	17.26	58.91	147.43	0.01
Carson Ice CGGT	2026	12	1,530.13	12.79	1,293.22	23.51	61.04	152.35	0.01
CDWR_Ex_6x16OnPl	2026		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2026		27,744.31	348.16	27,744.31	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	1	7,067.42	85.03	7,067.42	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	2	5,212.18	64.64	5,212.18	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	3	1,909.37	25.21	1,909.37	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	4	1,646.60	23.52	1,646.60	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	5	337.45	6.07	337.45	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	6	832.17	12.24	832.17	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	7	428.40	6.97	428.40	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	8	27.98	0.29	27.98	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	9	92.72	0.93	92.72	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	10	3,597.05	45.97	3,597.05	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	11	2,230.00	26.36	2,230.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2026	12	4,362.98	50.94	4,362.98	0.00	0.00	0.00	0.00
CNP15_Markets s	2026		-404,587.53	-3,944.47	-404,587.53	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	1	-24,257.09	-226.17	-24,257.09	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	2	-6,647.97	-72.03	-6,647.97	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	3	-13,686.51	-165.82	-13,686.51	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	4	-15,225.60	-195.56	-15,225.60	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	5	-38,172.83	-399.24	-38,172.83	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	6	-39,585.31	-403.24	-39,585.31	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	7	-54,203.67	-528.41	-54,203.67	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	8	-60,472.43	-549.11	-60,472.43	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	9	-47,539.82	-467.22	-47,539.82	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	10	-20,840.63	-212.48	-20,840.63	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	11	-41,457.36	-372.87	-41,457.36	0.00	0.00	0.00	0.00
CNP15_Markets s	2026	12	-42,498.29	-352.33	-42,498.29	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2026		132,334.88	1,965.02	121,271.77	22.39	8,457.31	2,582.36	1.06
Cosumnes SMUD 1a	2026	1	11,562.95	160.53	10,650.57	2.04	690.93	219.32	0.09
Cosumnes SMUD 1a	2026	2	9,881.75	143.37	9,064.76	1.76	617.05	198.10	0.08
Cosumnes SMUD 1a	2026	3	10,534.88	158.28	9,632.37	1.87	681.23	219.32	0.09
Cosumnes SMUD 1a	2026	4	9,938.21	153.61	9,062.99	1.76	661.13	212.25	0.08
Cosumnes SMUD 1a	2026	5	11,118.10	174.71	10,144.97	1.78	751.93	219.32	0.09
Cosumnes SMUD 1a	2026	6	10,786.49	170.89	9,836.92	1.71	735.51	212.25	0.09
Cosumnes SMUD 1a	2026	7	10,770.90	169.73	9,819.22	1.78	730.48	219.32	0.09
Cosumnes SMUD 1a	2026	8	11,394.73	176.59	10,413.47	1.82	760.03	219.32	0.10
Cosumnes SMUD 1a	2026	9	11,315.97	170.89	10,366.31	1.81	735.51	212.25	0.09
Cosumnes SMUD 1a	2026	10	11,668.73	169.95	10,715.94	1.94	731.44	219.32	0.09

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 1a	2026	11	11,042.12	153.61	10,166.69	1.97	661.13	212.25	0.08
Cosumnes SMUD 1a	2026	12	12,320.05	162.86	11,397.54	2.15	700.94	219.32	0.09
Cosumnes SMUD 1b	2026		131,449.74	1,951.51	120,444.76	22.39	8,399.18	2,582.36	1.05
Cosumnes SMUD 1b	2026	1	11,562.95	160.53	10,650.57	2.04	690.93	219.32	0.09
Cosumnes SMUD 1b	2026	2	9,751.49	141.50	8,942.56	1.76	609.01	198.10	0.08
Cosumnes SMUD 1b	2026	3	10,529.28	158.18	9,627.21	1.87	680.78	219.32	0.09
Cosumnes SMUD 1b	2026	4	9,938.21	153.61	9,062.99	1.76	661.13	212.25	0.08
Cosumnes SMUD 1b	2026	5	10,980.24	172.49	10,016.64	1.78	742.40	219.32	0.09
Cosumnes SMUD 1b	2026	6	10,786.49	170.89	9,836.92	1.71	735.51	212.25	0.09
Cosumnes SMUD 1b	2026	7	10,746.33	169.27	9,796.61	1.78	728.52	219.32	0.09
Cosumnes SMUD 1b	2026	8	11,254.68	174.38	10,282.95	1.82	750.50	219.32	0.09
Cosumnes SMUD 1b	2026	9	11,107.25	167.68	10,171.43	1.81	721.68	212.25	0.09
Cosumnes SMUD 1b	2026	10	11,519.65	167.73	10,576.38	1.94	721.91	219.32	0.09
Cosumnes SMUD 1b	2026	11	11,042.12	153.61	10,166.69	1.97	661.13	212.25	0.08
Cosumnes SMUD 1b	2026	12	12,231.05	161.64	11,313.78	2.15	695.70	219.32	0.09
Cosumnes SMUD 2a	2026		130,934.96	1,943.59	119,964.09	22.39	8,365.07	2,582.36	1.05
Cosumnes SMUD 2a	2026	1	11,562.95	160.53	10,650.57	2.04	690.93	219.32	0.09
Cosumnes SMUD 2a	2026	2	9,549.09	138.50	8,753.06	1.76	596.09	198.10	0.07
Cosumnes SMUD 2a	2026	3	10,529.28	158.18	9,627.21	1.87	680.78	219.32	0.09
Cosumnes SMUD 2a	2026	4	9,536.34	147.32	8,688.20	1.76	634.06	212.25	0.08
Cosumnes SMUD 2a	2026	5	11,057.07	173.74	10,088.12	1.78	747.76	219.32	0.09
Cosumnes SMUD 2a	2026	6	10,256.44	162.32	9,343.77	1.71	698.62	212.25	0.09
Cosumnes SMUD 2a	2026	7	11,153.97	175.81	10,176.08	1.78	756.69	219.32	0.10
Cosumnes SMUD 2a	2026	8	11,394.73	176.59	10,413.47	1.82	760.03	219.32	0.10
Cosumnes SMUD 2a	2026	9	11,315.97	170.89	10,366.31	1.81	735.51	212.25	0.09
Cosumnes SMUD 2a	2026	10	11,221.48	163.30	10,297.28	1.94	702.85	219.32	0.09
Cosumnes SMUD 2a	2026	11	11,042.12	153.61	10,166.69	1.97	661.13	212.25	0.08
Cosumnes SMUD 2a	2026	12	12,315.52	162.79	11,393.33	2.15	700.63	219.32	0.09
Cosumnes SMUD 2b	2026		131,434.56	1,950.29	120,403.90	53.33	8,393.92	2,582.36	1.05
Cosumnes SMUD 2b	2026	1	11,562.95	160.53	10,650.57	2.04	690.93	219.32	0.09
Cosumnes SMUD 2b	2026	2	9,881.75	143.37	9,064.76	1.76	617.05	198.10	0.08
Cosumnes SMUD 2b	2026	3	10,029.95	150.57	9,160.62	1.87	648.05	219.32	0.08
Cosumnes SMUD 2b	2026	4	9,938.21	153.61	9,062.99	1.76	661.13	212.25	0.08
Cosumnes SMUD 2b	2026	5	10,631.12	166.29	9,663.27	32.72	715.71	219.32	0.09
Cosumnes SMUD 2b	2026	6	10,587.72	167.68	9,651.99	1.71	721.68	212.25	0.09
Cosumnes SMUD 2b	2026	7	11,097.41	174.93	10,123.34	1.78	752.88	219.32	0.09
Cosumnes SMUD 2b	2026	8	11,394.73	176.59	10,413.47	1.82	760.03	219.32	0.10
Cosumnes SMUD 2b	2026	9	11,176.83	168.75	10,236.39	1.81	726.29	212.25	0.09
Cosumnes SMUD 2b	2026	10	11,743.27	171.05	10,785.71	1.94	736.20	219.32	0.09
Cosumnes SMUD 2b	2026	11	11,042.12	153.61	10,166.69	1.97	661.13	212.25	0.08
Cosumnes SMUD 2b	2026	12	12,348.51	163.30	11,424.09	2.15	702.85	219.32	0.09
Cosumnes SMUD 3a	2026		126,135.70	1,866.13	115,311.68	208.95	8,031.71	2,582.36	1.01
Cosumnes SMUD 3a	2026	1	11,590.01	160.98	10,675.73	2.04	692.83	219.32	0.09
Cosumnes SMUD 3a	2026	2	9,078.26	131.00	8,284.06	32.21	563.82	198.10	0.07
Cosumnes SMUD 3a	2026	3	10,174.04	152.79	9,295.19	1.87	657.58	219.32	0.08
Cosumnes SMUD 3a	2026	4	9,468.58	146.25	8,625.05	1.76	629.45	212.25	0.08
Cosumnes SMUD 3a	2026	5	9,566.22	148.69	8,643.21	63.66	639.95	219.32	0.08
Cosumnes SMUD 3a	2026	6	9,992.63	157.50	9,070.99	31.44	677.87	212.25	0.09
Cosumnes SMUD 3a	2026	7	10,754.81	168.84	9,776.08	32.64	726.67	219.32	0.09
Cosumnes SMUD 3a	2026	8	10,904.57	168.84	9,956.67	1.82	726.67	219.32	0.09
Cosumnes SMUD 3a	2026	9	11,176.83	168.75	10,236.39	1.81	726.29	212.25	0.09
Cosumnes SMUD 3a	2026	10	10,403.12	150.57	9,500.08	35.58	648.05	219.32	0.08
Cosumnes SMUD 3a	2026	11	11,042.12	153.61	10,166.69	1.97	661.13	212.25	0.08
Cosumnes SMUD 3a	2026	12	11,984.51	158.32	11,081.55	2.15	681.40	219.32	0.09
Cosumnes SMUD 3b	2026		126,472.33	1,870.82	115,595.20	241.85	8,051.90	2,582.36	1.01
Cosumnes SMUD 3b	2026	1	11,590.01	160.98	10,675.73	2.04	692.83	219.32	0.09
Cosumnes SMUD 3b	2026	2	8,869.71	128.37	8,117.29	1.76	552.49	198.10	0.07

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3b	2026	3	10,462.24	157.21	9,564.32	1.87	676.64	219.32	0.08
Cosumnes SMUD 3b	2026	4	9,938.21	153.61	9,062.99	1.76	661.13	212.25	0.08
Cosumnes SMUD 3b	2026	5	9,940.54	154.78	8,991.31	63.66	666.16	219.32	0.08
Cosumnes SMUD 3b	2026	6	9,331.28	146.25	8,428.35	61.16	629.45	212.25	0.08
Cosumnes SMUD 3b	2026	7	10,754.81	168.84	9,776.08	32.64	726.67	219.32	0.09
Cosumnes SMUD 3b	2026	8	11,394.73	176.59	10,413.47	1.82	760.03	219.32	0.10
Cosumnes SMUD 3b	2026	9	11,246.40	169.82	10,301.35	1.81	730.90	212.25	0.09
Cosumnes SMUD 3b	2026	10	9,659.30	138.95	8,772.66	69.22	598.02	219.32	0.08
Cosumnes SMUD 3b	2026	11	10,971.90	152.68	10,100.48	1.97	657.12	212.25	0.08
Cosumnes SMUD 3b	2026	12	12,313.22	162.75	11,391.19	2.15	700.47	219.32	0.09
Cosumnes SMUD 4a	2026		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2026		12,917.63	115.16	9,897.01	60.00	1,919.08	1,041.55	0.00
G1nGT SMUD 33	2026	1	1,009.57	8.41	771.94	8.95	140.22	88.46	0.00
G1nGT SMUD 33	2026	2	278.36	1.88	164.41	2.72	31.33	79.90	0.00
G1nGT SMUD 33	2026	3	219.94	1.28	108.06	2.02	21.40	88.46	0.00
G1nGT SMUD 33	2026	4	339.30	2.57	209.85	1.00	42.85	85.61	0.00
G1nGT SMUD 33	2026	5	446.51	3.65	293.16	4.00	60.88	88.46	0.00
G1nGT SMUD 33	2026	6	1,311.72	12.68	1,009.99	4.83	211.29	85.61	0.00
G1nGT SMUD 33	2026	7	1,657.37	16.16	1,293.62	5.98	269.31	88.46	0.00
G1nGT SMUD 33	2026	8	1,789.19	17.25	1,407.36	5.98	287.39	88.46	0.00
G1nGT SMUD 33	2026	9	1,536.79	14.37	1,205.99	5.79	239.41	85.61	0.00
G1nGT SMUD 33	2026	10	713.78	5.98	521.69	4.00	99.63	88.46	0.00
G1nGT SMUD 33	2026	11	1,795.30	15.75	1,441.50	5.79	262.41	85.61	0.00
G1nGT SMUD 33	2026	12	1,819.81	15.18	1,469.44	8.95	252.95	88.46	0.00
GenGT SMUD 1	2026		17,282.91	158.82	13,513.77	80.86	2,646.73	1,041.55	0.00
GenGT SMUD 1	2026	1	1,292.82	11.03	1,011.64	8.95	183.77	88.46	0.00
GenGT SMUD 1	2026	2	706.16	5.92	517.73	9.87	98.66	79.90	0.00
GenGT SMUD 1	2026	3	585.51	4.87	409.89	5.98	81.18	88.46	0.00
GenGT SMUD 1	2026	4	389.47	3.04	248.32	4.83	50.71	85.61	0.00
GenGT SMUD 1	2026	5	1,595.54	15.50	1,243.78	4.99	258.30	88.46	0.00
GenGT SMUD 1	2026	6	1,684.87	16.54	1,317.80	5.79	275.68	85.61	0.00
GenGT SMUD 1	2026	7	2,223.11	22.01	1,761.88	5.98	366.79	88.46	0.00
GenGT SMUD 1	2026	8	2,171.38	21.12	1,723.91	6.97	352.03	88.46	0.00
GenGT SMUD 1	2026	9	1,893.77	17.91	1,503.84	5.79	298.54	85.61	0.00
GenGT SMUD 1	2026	10	1,144.77	10.10	881.07	6.97	168.27	88.46	0.00
GenGT SMUD 1	2026	11	1,839.78	16.16	1,479.13	5.79	269.26	85.61	0.00
GenGT SMUD 1	2026	12	1,755.73	14.61	1,414.78	8.95	243.54	88.46	0.00
GenGT SMUD 10	2026		17,133.33	157.39	13,390.79	78.11	2,622.87	1,041.55	0.00
GenGT SMUD 10	2026	1	1,258.22	10.72	983.20	7.96	178.60	88.46	0.00
GenGT SMUD 10	2026	2	611.85	5.04	440.77	7.19	83.99	79.90	0.00
GenGT SMUD 10	2026	3	585.51	4.87	409.89	5.98	81.18	88.46	0.00
GenGT SMUD 10	2026	4	517.73	4.33	353.25	6.75	72.13	85.61	0.00
GenGT SMUD 10	2026	5	1,527.86	14.79	1,186.92	5.98	246.50	88.46	0.00
GenGT SMUD 10	2026	6	1,631.21	15.99	1,273.41	5.79	266.40	85.61	0.00
GenGT SMUD 10	2026	7	2,218.83	21.97	1,758.34	5.98	366.05	88.46	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 10	2026	8	2,209.55	21.52	1,756.44	5.98	358.67	88.46	0.00
GenGT SMUD 10	2026	9	1,885.15	17.83	1,496.65	5.79	297.11	85.61	0.00
GenGT SMUD 10	2026	10	1,056.33	9.26	807.65	5.98	154.24	88.46	0.00
GenGT SMUD 10	2026	11	1,835.14	16.11	1,475.20	5.79	268.54	85.61	0.00
GenGT SMUD 10	2026	12	1,795.94	14.97	1,449.08	8.95	249.45	88.46	0.00
GenGT SMUD 11	2026		16,481.63	151.05	12,848.63	74.18	2,517.26	1,041.55	0.00
GenGT SMUD 11	2026	1	1,091.19	9.17	841.01	8.95	152.77	88.46	0.00
GenGT SMUD 11	2026	2	581.80	4.76	416.28	6.30	79.32	79.90	0.00
GenGT SMUD 11	2026	3	480.85	3.85	324.18	4.00	64.21	88.46	0.00
GenGT SMUD 11	2026	4	487.29	4.03	328.76	5.79	67.14	85.61	0.00
GenGT SMUD 11	2026	5	1,478.67	14.30	1,147.83	4.00	238.38	88.46	0.00
GenGT SMUD 11	2026	6	1,636.29	16.03	1,276.83	6.75	267.11	85.61	0.00
GenGT SMUD 11	2026	7	2,218.83	21.97	1,758.34	5.98	366.05	88.46	0.00
GenGT SMUD 11	2026	8	2,274.83	22.19	1,810.65	5.98	369.74	88.46	0.00
GenGT SMUD 11	2026	9	1,821.43	17.19	1,442.68	6.75	286.40	85.61	0.00
GenGT SMUD 11	2026	10	759.80	6.42	560.33	4.00	107.01	88.46	0.00
GenGT SMUD 11	2026	11	1,613.49	14.06	1,286.88	6.75	234.26	85.61	0.00
GenGT SMUD 11	2026	12	2,037.15	17.09	1,654.86	8.95	284.87	88.46	0.00
GenGT SMUD 12	2026		16,279.60	149.17	12,678.99	73.19	2,485.86	1,041.55	0.00
GenGT SMUD 12	2026	1	1,148.80	9.70	889.76	8.95	161.62	88.46	0.00
GenGT SMUD 12	2026	2	541.05	4.36	381.30	7.19	72.66	79.90	0.00
GenGT SMUD 12	2026	3	471.92	3.76	316.73	4.00	62.73	88.46	0.00
GenGT SMUD 12	2026	4	347.35	2.61	213.35	4.83	43.57	85.61	0.00
GenGT SMUD 12	2026	5	1,521.59	14.75	1,183.37	4.00	245.76	88.46	0.00
GenGT SMUD 12	2026	6	1,635.33	16.03	1,276.83	5.79	267.11	85.61	0.00
GenGT SMUD 12	2026	7	2,218.83	21.97	1,758.34	5.98	366.05	88.46	0.00
GenGT SMUD 12	2026	8	2,209.55	21.52	1,756.44	5.98	358.67	88.46	0.00
GenGT SMUD 12	2026	9	1,817.12	17.14	1,439.08	6.75	285.68	85.61	0.00
GenGT SMUD 12	2026	10	944.89	8.19	714.90	4.99	136.53	88.46	0.00
GenGT SMUD 12	2026	11	1,556.88	13.54	1,239.80	5.79	225.69	85.61	0.00
GenGT SMUD 12	2026	12	1,866.29	15.59	1,509.10	8.95	259.78	88.46	0.00
GenGT SMUD 13	2026		16,017.39	146.75	12,454.01	76.32	2,445.51	1,041.55	0.00
GenGT SMUD 13	2026	1	1,044.17	8.72	800.38	9.94	145.39	88.46	0.00
GenGT SMUD 13	2026	2	494.34	3.92	342.82	6.30	65.33	79.90	0.00
GenGT SMUD 13	2026	3	498.71	4.03	339.09	4.00	67.16	88.46	0.00
GenGT SMUD 13	2026	4	455.90	3.73	304.28	3.87	62.14	85.61	0.00
GenGT SMUD 13	2026	5	1,453.91	14.04	1,126.51	4.99	233.95	88.46	0.00
GenGT SMUD 13	2026	6	1,697.26	16.67	1,328.04	5.79	277.83	85.61	0.00
GenGT SMUD 13	2026	7	2,155.58	21.30	1,705.16	6.97	354.98	88.46	0.00
GenGT SMUD 13	2026	8	2,206.19	21.48	1,752.82	6.97	357.94	88.46	0.00
GenGT SMUD 13	2026	9	1,773.04	16.71	1,403.11	5.79	278.54	85.61	0.00
GenGT SMUD 13	2026	10	935.68	8.10	707.17	4.99	135.06	88.46	0.00
GenGT SMUD 13	2026	11	1,519.78	13.20	1,208.41	5.79	219.98	85.61	0.00
GenGT SMUD 13	2026	12	1,782.84	14.84	1,436.21	10.93	247.23	88.46	0.00
GenGT SMUD 14	2026		16,070.06	147.27	12,502.81	71.50	2,454.20	1,041.55	0.00
GenGT SMUD 14	2026	1	1,043.18	8.72	800.38	8.95	145.39	88.46	0.00
GenGT SMUD 14	2026	2	396.76	3.00	262.36	4.51	49.99	79.90	0.00
GenGT SMUD 14	2026	3	373.71	2.79	234.75	4.00	46.49	88.46	0.00
GenGT SMUD 14	2026	4	448.43	3.64	297.29	4.83	60.71	85.61	0.00
GenGT SMUD 14	2026	5	1,517.30	14.70	1,179.82	4.00	245.02	88.46	0.00
GenGT SMUD 14	2026	6	1,689.00	16.59	1,321.21	5.79	276.40	85.61	0.00
GenGT SMUD 14	2026	7	2,107.47	20.81	1,666.17	5.98	346.87	88.46	0.00
GenGT SMUD 14	2026	8	2,248.72	21.92	1,788.97	5.98	365.32	88.46	0.00
GenGT SMUD 14	2026	9	1,880.84	17.79	1,493.05	5.79	296.40	85.61	0.00
GenGT SMUD 14	2026	10	935.68	8.10	707.17	4.99	135.06	88.46	0.00
GenGT SMUD 14	2026	11	1,632.04	14.23	1,302.57	6.75	237.12	85.61	0.00
GenGT SMUD 14	2026	12	1,796.93	14.97	1,449.08	9.94	249.45	88.46	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 15	2026		16,286.48	149.38	12,685.89	69.58	2,489.46	1,041.55	0.00
GenGT SMUD 15	2026	1	1,096.98	9.21	845.07	9.94	153.51	88.46	0.00
GenGT SMUD 15	2026	2	467.56	3.68	321.83	4.51	61.33	79.90	0.00
GenGT SMUD 15	2026	3	431.75	3.37	283.20	4.00	56.09	88.46	0.00
GenGT SMUD 15	2026	4	408.61	3.26	265.81	2.91	54.28	85.61	0.00
GenGT SMUD 15	2026	5	1,517.30	14.70	1,179.82	4.00	245.02	88.46	0.00
GenGT SMUD 15	2026	6	1,689.00	16.59	1,321.21	5.79	276.40	85.61	0.00
GenGT SMUD 15	2026	7	2,214.55	21.92	1,754.79	5.98	365.32	88.46	0.00
GenGT SMUD 15	2026	8	2,270.48	22.14	1,807.04	5.98	369.01	88.46	0.00
GenGT SMUD 15	2026	9	1,817.12	17.14	1,439.08	6.75	285.68	85.61	0.00
GenGT SMUD 15	2026	10	885.05	7.62	664.67	4.99	126.94	88.46	0.00
GenGT SMUD 15	2026	11	1,682.10	14.70	1,345.73	5.79	244.97	85.61	0.00
GenGT SMUD 15	2026	12	1,805.99	15.06	1,457.65	8.95	250.92	88.46	0.00
GenGT SMUD 16	2026		16,045.57	147.10	12,488.78	63.80	2,451.44	1,041.55	0.00
GenGT SMUD 16	2026	1	1,048.97	8.77	804.44	9.94	146.13	88.46	0.00
GenGT SMUD 16	2026	2	450.01	3.52	307.84	3.61	58.66	79.90	0.00
GenGT SMUD 16	2026	3	340.48	2.48	208.67	2.02	41.33	88.46	0.00
GenGT SMUD 16	2026	4	357.11	2.74	223.84	1.95	45.71	85.61	0.00
GenGT SMUD 16	2026	5	1,495.84	14.48	1,162.05	4.00	241.33	88.46	0.00
GenGT SMUD 16	2026	6	1,689.00	16.59	1,321.21	5.79	276.40	85.61	0.00
GenGT SMUD 16	2026	7	2,214.55	21.92	1,754.79	5.98	365.32	88.46	0.00
GenGT SMUD 16	2026	8	2,270.48	22.14	1,807.04	5.98	369.01	88.46	0.00
GenGT SMUD 16	2026	9	1,880.84	17.79	1,493.05	5.79	296.40	85.61	0.00
GenGT SMUD 16	2026	10	838.04	7.17	626.02	4.00	119.56	88.46	0.00
GenGT SMUD 16	2026	11	1,654.27	14.44	1,322.19	5.79	240.69	85.61	0.00
GenGT SMUD 16	2026	12	1,805.99	15.06	1,457.65	8.95	250.92	88.46	0.00
GenGT SMUD 17	2026		15,864.43	145.21	12,337.14	65.84	2,419.89	1,041.55	0.00
GenGT SMUD 17	2026	1	1,086.38	9.12	836.94	8.95	152.03	88.46	0.00
GenGT SMUD 17	2026	2	328.34	2.36	206.39	2.72	39.33	79.90	0.00
GenGT SMUD 17	2026	3	386.11	2.92	245.93	3.01	48.71	88.46	0.00
GenGT SMUD 17	2026	4	340.26	2.57	209.85	1.95	42.85	85.61	0.00
GenGT SMUD 17	2026	5	1,452.92	14.04	1,126.51	4.00	233.95	88.46	0.00
GenGT SMUD 17	2026	6	1,689.00	16.59	1,321.21	5.79	276.40	85.61	0.00
GenGT SMUD 17	2026	7	2,151.29	21.26	1,701.62	6.97	354.25	88.46	0.00
GenGT SMUD 17	2026	8	2,270.48	22.14	1,807.04	5.98	369.01	88.46	0.00
GenGT SMUD 17	2026	9	1,795.56	16.93	1,421.09	6.75	282.11	85.61	0.00
GenGT SMUD 17	2026	10	857.44	7.35	641.48	4.99	122.51	88.46	0.00
GenGT SMUD 17	2026	11	1,700.65	14.87	1,361.43	5.79	247.83	85.61	0.00
GenGT SMUD 17	2026	12	1,805.99	15.06	1,457.65	8.95	250.92	88.46	0.00
GenGT SMUD 18	2026		16,078.05	147.24	12,519.89	62.94	2,453.68	1,041.55	0.00
GenGT SMUD 18	2026	1	1,173.79	9.92	910.07	9.94	165.31	88.46	0.00
GenGT SMUD 18	2026	2	386.65	2.92	255.37	2.72	48.66	79.90	0.00
GenGT SMUD 18	2026	3	291.37	1.99	167.68	2.02	33.21	88.46	0.00
GenGT SMUD 18	2026	4	377.21	2.96	241.33	1.00	49.28	85.61	0.00
GenGT SMUD 18	2026	5	1,495.84	14.48	1,162.05	4.00	241.33	88.46	0.00
GenGT SMUD 18	2026	6	1,639.46	16.07	1,280.24	5.79	267.83	85.61	0.00
GenGT SMUD 18	2026	7	2,171.72	21.48	1,719.34	5.98	357.94	88.46	0.00
GenGT SMUD 18	2026	8	2,270.48	22.14	1,807.04	5.98	369.01	88.46	0.00
GenGT SMUD 18	2026	9	1,837.72	17.36	1,457.07	5.79	289.25	85.61	0.00
GenGT SMUD 18	2026	10	834.43	7.13	622.16	4.99	118.82	88.46	0.00
GenGT SMUD 18	2026	11	1,793.40	15.73	1,439.89	5.79	262.11	85.61	0.00
GenGT SMUD 18	2026	12	1,805.99	15.06	1,457.65	8.95	250.92	88.46	0.00
GenGT SMUD 19	2026		15,635.73	143.06	12,149.14	61.05	2,383.99	1,041.55	0.00
GenGT SMUD 19	2026	1	1,033.58	8.64	792.25	8.95	143.91	88.46	0.00
GenGT SMUD 19	2026	2	231.65	1.44	125.93	1.82	24.00	79.90	0.00
GenGT SMUD 19	2026	3	340.48	2.48	208.67	2.02	41.33	88.46	0.00
GenGT SMUD 19	2026	4	373.00	2.91	237.83	1.00	48.57	85.61	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 19	2026	5	1,495.84	14.48	1,162.05	4.00	241.33	88.46	0.00
GenGT SMUD 19	2026	6	1,682.31	16.52	1,315.68	5.79	275.24	85.61	0.00
GenGT SMUD 19	2026	7	2,123.03	20.96	1,678.22	6.97	349.38	88.46	0.00
GenGT SMUD 19	2026	8	2,205.20	21.48	1,752.82	5.98	357.94	88.46	0.00
GenGT SMUD 19	2026	9	1,880.84	17.79	1,493.05	5.79	296.40	85.61	0.00
GenGT SMUD 19	2026	10	672.36	5.58	486.91	4.00	92.99	88.46	0.00
GenGT SMUD 19	2026	11	1,816.59	15.94	1,459.51	5.79	265.68	85.61	0.00
GenGT SMUD 19	2026	12	1,780.86	14.84	1,436.21	8.95	247.23	88.46	0.00
GenGT SMUD 2	2026		15,459.96	141.35	12,002.65	60.16	2,355.59	1,041.55	0.00
GenGT SMUD 2	2026	1	918.36	7.57	694.74	8.95	126.20	88.46	0.00
GenGT SMUD 2	2026	2	218.27	1.32	115.44	0.93	22.00	79.90	0.00
GenGT SMUD 2	2026	3	291.37	1.99	167.68	2.02	33.21	88.46	0.00
GenGT SMUD 2	2026	4	368.79	2.87	234.33	1.00	47.85	85.61	0.00
GenGT SMUD 2	2026	5	1,452.92	14.04	1,126.51	4.00	233.95	88.46	0.00
GenGT SMUD 2	2026	6	1,591.04	15.57	1,240.20	5.79	259.45	85.61	0.00
GenGT SMUD 2	2026	7	2,150.30	21.26	1,701.62	5.98	354.25	88.46	0.00
GenGT SMUD 2	2026	8	2,183.44	21.26	1,734.75	5.98	354.25	88.46	0.00
GenGT SMUD 2	2026	9	1,880.84	17.79	1,493.05	5.79	296.40	85.61	0.00
GenGT SMUD 2	2026	10	857.44	7.35	641.48	4.99	122.51	88.46	0.00
GenGT SMUD 2	2026	11	1,816.59	15.94	1,459.51	5.79	265.68	85.61	0.00
GenGT SMUD 2	2026	12	1,730.61	14.39	1,393.34	8.95	239.85	88.46	0.00
GenGT SMUD 20	2026		15,671.53	143.22	12,179.47	63.86	2,386.65	1,041.55	0.00
GenGT SMUD 20	2026	1	975.97	8.10	743.50	8.95	135.06	88.46	0.00
GenGT SMUD 20	2026	2	333.40	2.40	209.89	3.61	40.00	79.90	0.00
GenGT SMUD 20	2026	3	377.18	2.83	238.48	3.01	47.23	88.46	0.00
GenGT SMUD 20	2026	4	368.79	2.87	234.33	1.00	47.85	85.61	0.00
GenGT SMUD 20	2026	5	1,445.33	13.95	1,119.40	4.99	232.47	88.46	0.00
GenGT SMUD 20	2026	6	1,472.06	14.34	1,142.59	4.83	239.03	85.61	0.00
GenGT SMUD 20	2026	7	2,123.92	20.98	1,679.78	5.98	349.70	88.46	0.00
GenGT SMUD 20	2026	8	2,237.23	21.80	1,779.42	5.98	363.37	88.46	0.00
GenGT SMUD 20	2026	9	1,880.84	17.79	1,493.05	5.79	296.40	85.61	0.00
GenGT SMUD 20	2026	10	857.44	7.35	641.48	4.99	122.51	88.46	0.00
GenGT SMUD 20	2026	11	1,793.40	15.73	1,439.89	5.79	262.11	85.61	0.00
GenGT SMUD 20	2026	12	1,805.99	15.06	1,457.65	8.95	250.92	88.46	0.00
GenGT SMUD 21	2026		15,210.98	138.68	11,794.47	63.86	2,311.10	1,041.55	0.00
GenGT SMUD 21	2026	1	1,126.77	9.48	869.44	10.93	157.93	88.46	0.00
GenGT SMUD 21	2026	2	329.23	2.36	206.39	3.61	39.33	79.90	0.00
GenGT SMUD 21	2026	3	291.37	1.99	167.68	2.02	33.21	88.46	0.00
GenGT SMUD 21	2026	4	241.48	1.59	129.41	0.04	26.43	85.61	0.00
GenGT SMUD 21	2026	5	1,437.13	13.87	1,112.62	4.99	231.06	88.46	0.00
GenGT SMUD 21	2026	6	1,457.99	14.19	1,130.16	5.79	236.43	85.61	0.00
GenGT SMUD 21	2026	7	2,054.71	20.26	1,621.68	6.97	337.60	88.46	0.00
GenGT SMUD 21	2026	8	2,216.34	21.59	1,762.08	5.98	359.83	88.46	0.00
GenGT SMUD 21	2026	9	1,873.46	17.71	1,486.90	5.79	295.17	85.61	0.00
GenGT SMUD 21	2026	10	736.79	6.20	541.01	4.00	103.32	88.46	0.00
GenGT SMUD 21	2026	11	1,816.59	15.94	1,459.51	5.79	265.68	85.61	0.00
GenGT SMUD 21	2026	12	1,629.11	13.51	1,307.60	7.96	225.09	88.46	0.00
GenGT SMUD 25	2026		15,079.24	137.34	11,685.06	63.86	2,288.77	1,041.55	0.00
GenGT SMUD 25	2026	1	936.57	7.75	710.99	7.96	129.15	88.46	0.00
GenGT SMUD 25	2026	2	325.07	2.32	202.89	3.61	38.66	79.90	0.00
GenGT SMUD 25	2026	3	368.25	2.75	231.03	3.01	45.76	88.46	0.00
GenGT SMUD 25	2026	4	237.26	1.54	125.91	0.04	25.71	85.61	0.00
GenGT SMUD 25	2026	5	1,380.44	13.28	1,065.67	4.99	221.32	88.46	0.00
GenGT SMUD 25	2026	6	1,456.25	14.18	1,129.51	4.83	236.29	85.61	0.00
GenGT SMUD 25	2026	7	2,072.39	20.45	1,637.13	5.98	340.82	88.46	0.00
GenGT SMUD 25	2026	8	2,134.60	20.75	1,693.37	6.97	345.80	88.46	0.00
GenGT SMUD 25	2026	9	1,859.28	17.57	1,475.06	5.79	292.82	85.61	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 25	2026	10	736.79	6.20	541.01	4.00	103.32	88.46	0.00
GenGT SMUD 25	2026	11	1,840.74	16.16	1,479.13	6.75	269.26	85.61	0.00
GenGT SMUD 25	2026	12	1,731.60	14.39	1,393.34	9.94	239.85	88.46	0.00
GenGT SMUD 26	2026		14,637.52	132.97	11,316.06	63.93	2,215.99	1,041.55	0.00
GenGT SMUD 26	2026	1	1,014.37	8.46	776.00	8.95	140.96	88.46	0.00
GenGT SMUD 26	2026	2	320.01	2.28	199.40	2.72	38.00	79.90	0.00
GenGT SMUD 26	2026	3	368.25	2.75	231.03	3.01	45.76	88.46	0.00
GenGT SMUD 26	2026	4	364.57	2.83	230.83	1.00	47.14	85.61	0.00
GenGT SMUD 26	2026	5	1,235.04	11.78	945.27	4.99	196.31	88.46	0.00
GenGT SMUD 26	2026	6	1,436.76	13.98	1,113.40	4.83	232.92	85.61	0.00
GenGT SMUD 26	2026	7	1,933.30	19.00	1,521.18	6.97	316.68	88.46	0.00
GenGT SMUD 26	2026	8	2,115.29	20.56	1,678.16	5.98	342.69	88.46	0.00
GenGT SMUD 26	2026	9	1,840.78	17.39	1,459.63	5.79	289.76	85.61	0.00
GenGT SMUD 26	2026	10	667.75	5.54	483.04	4.00	92.25	88.46	0.00
GenGT SMUD 26	2026	11	1,585.67	13.80	1,263.34	6.75	229.97	85.61	0.00
GenGT SMUD 26	2026	12	1,755.73	14.61	1,414.78	8.95	243.54	88.46	0.00
GenGT SMUD 27	2026		14,694.38	133.06	11,369.56	65.88	2,217.39	1,041.55	0.00
GenGT SMUD 27	2026	1	1,047.98	8.77	804.44	8.95	146.13	88.46	0.00
GenGT SMUD 27	2026	2	311.68	2.20	192.40	2.72	36.66	79.90	0.00
GenGT SMUD 27	2026	3	300.30	2.08	175.13	2.02	34.69	88.46	0.00
GenGT SMUD 27	2026	4	360.36	2.79	227.34	1.00	46.42	85.61	0.00
GenGT SMUD 27	2026	5	1,206.58	11.49	921.71	4.99	191.42	88.46	0.00
GenGT SMUD 27	2026	6	1,390.81	13.50	1,075.40	4.83	224.97	85.61	0.00
GenGT SMUD 27	2026	7	1,885.23	18.52	1,482.22	5.98	308.57	88.46	0.00
GenGT SMUD 27	2026	8	1,962.61	19.00	1,550.54	6.97	316.63	88.46	0.00
GenGT SMUD 27	2026	9	1,699.10	15.97	1,340.61	6.75	266.13	85.61	0.00
GenGT SMUD 27	2026	10	829.83	7.09	618.29	4.99	118.08	88.46	0.00
GenGT SMUD 27	2026	11	1,817.55	15.94	1,459.51	6.75	265.68	85.61	0.00
GenGT SMUD 27	2026	12	1,882.36	15.72	1,521.96	9.94	261.99	88.46	0.00
GenGT SMUD 28	2026		13,704.46	123.39	10,541.71	64.92	2,056.28	1,041.55	0.00
GenGT SMUD 28	2026	1	975.97	8.10	743.50	8.95	135.06	88.46	0.00
GenGT SMUD 28	2026	2	311.68	2.20	192.40	2.72	36.66	79.90	0.00
GenGT SMUD 28	2026	3	247.72	1.55	130.42	3.01	25.83	88.46	0.00
GenGT SMUD 28	2026	4	233.05	1.50	122.41	0.04	25.00	85.61	0.00
GenGT SMUD 28	2026	5	1,140.48	10.80	866.98	4.99	180.05	88.46	0.00
GenGT SMUD 28	2026	6	1,341.73	12.99	1,034.81	4.83	216.48	85.61	0.00
GenGT SMUD 28	2026	7	1,731.85	16.93	1,355.27	5.98	282.14	88.46	0.00
GenGT SMUD 28	2026	8	1,839.22	17.74	1,448.09	6.97	295.71	88.46	0.00
GenGT SMUD 28	2026	9	1,652.06	15.50	1,301.36	6.75	258.34	85.61	0.00
GenGT SMUD 28	2026	10	783.80	6.64	579.65	4.99	110.70	88.46	0.00
GenGT SMUD 28	2026	11	1,766.53	15.47	1,416.35	6.75	257.83	85.61	0.00
GenGT SMUD 28	2026	12	1,680.36	13.95	1,350.47	8.95	232.47	88.46	0.00
GenGT SMUD 3	2026		13,270.35	119.11	10,183.77	60.09	1,984.94	1,041.55	0.00
GenGT SMUD 3	2026	1	995.17	8.28	759.75	8.95	138.01	88.46	0.00
GenGT SMUD 3	2026	2	227.49	1.40	122.44	1.82	23.33	79.90	0.00
GenGT SMUD 3	2026	3	197.62	1.06	89.43	2.02	17.71	88.46	0.00
GenGT SMUD 3	2026	4	360.36	2.79	227.34	1.00	46.42	85.61	0.00
GenGT SMUD 3	2026	5	937.35	8.72	699.60	4.00	145.29	88.46	0.00
GenGT SMUD 3	2026	6	1,370.17	13.29	1,058.33	4.83	221.40	85.61	0.00
GenGT SMUD 3	2026	7	1,673.31	16.31	1,305.99	6.97	271.88	88.46	0.00
GenGT SMUD 3	2026	8	1,789.79	17.25	1,407.86	5.98	287.49	88.46	0.00
GenGT SMUD 3	2026	9	1,685.59	15.85	1,330.14	5.79	264.06	85.61	0.00
GenGT SMUD 3	2026	10	644.74	5.31	463.72	4.00	88.56	88.46	0.00
GenGT SMUD 3	2026	11	1,607.90	14.01	1,282.96	5.79	233.55	85.61	0.00
GenGT SMUD 3	2026	12	1,780.86	14.84	1,436.21	8.95	247.23	88.46	0.00
GenGT SMUD 30	2026		13,390.17	119.94	10,287.83	62.08	1,998.72	1,041.55	0.00
GenGT SMUD 30	2026	1	1,092.18	9.17	841.01	9.94	152.77	88.46	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 30	2026	2	248.31	1.60	139.93	1.82	26.66	79.90	0.00
GenGT SMUD 30	2026	3	237.80	1.46	122.97	2.02	24.35	88.46	0.00
GenGT SMUD 30	2026	4	360.36	2.79	227.34	1.00	46.42	85.61	0.00
GenGT SMUD 30	2026	5	760.62	6.89	553.26	4.00	114.90	88.46	0.00
GenGT SMUD 30	2026	6	1,341.03	12.98	1,034.23	4.83	216.36	85.61	0.00
GenGT SMUD 30	2026	7	1,631.93	15.89	1,271.75	6.97	264.75	88.46	0.00
GenGT SMUD 30	2026	8	1,823.78	17.60	1,436.09	5.98	293.26	88.46	0.00
GenGT SMUD 30	2026	9	1,532.57	14.32	1,202.46	5.79	238.71	85.61	0.00
GenGT SMUD 30	2026	10	829.83	7.09	618.29	4.99	118.08	88.46	0.00
GenGT SMUD 30	2026	11	1,700.65	14.87	1,361.43	5.79	247.83	85.61	0.00
GenGT SMUD 30	2026	12	1,831.11	15.28	1,479.09	8.95	254.61	88.46	0.00
GenGT SMUD 32	2026		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 32	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026		0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 33	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GenGT SMUD 34	2026		11,832.89	104.65	8,987.37	60.00	1,743.97	1,041.55	0.00
GenGT SMUD 34	2026	1	912.56	7.53	690.68	7.96	125.46	88.46	0.00
GenGT SMUD 34	2026	2	278.36	1.88	164.41	2.72	31.33	79.90	0.00
GenGT SMUD 34	2026	3	204.70	1.13	95.34	2.02	18.88	88.46	0.00
GenGT SMUD 34	2026	4	190.94	1.07	87.44	0.04	17.86	85.61	0.00
GenGT SMUD 34	2026	5	398.29	3.17	254.06	3.01	52.76	88.46	0.00
GenGT SMUD 34	2026	6	1,181.06	11.32	901.94	4.83	188.69	85.61	0.00
GenGT SMUD 34	2026	7	1,570.55	15.26	1,221.76	5.98	254.35	88.46	0.00
GenGT SMUD 34	2026	8	1,662.58	15.96	1,302.22	5.98	265.92	88.46	0.00
GenGT SMUD 34	2026	9	1,452.20	13.53	1,135.40	5.79	225.40	85.61	0.00
GenGT SMUD 34	2026	10	770.18	6.51	568.21	4.99	108.52	88.46	0.00
GenGT SMUD 34	2026	11	1,658.01	14.47	1,324.55	6.75	241.12	85.61	0.00
GenGT SMUD 34	2026	12	1,553.45	12.82	1,241.36	9.94	213.69	88.46	0.00
GenGT SMUD 35	2026		10,737.03	93.89	8,071.84	58.97	1,564.66	1,041.55	0.00
GenGT SMUD 35	2026	1	864.56	7.09	650.05	7.96	118.08	88.46	0.00
GenGT SMUD 35	2026	2	278.36	1.88	164.41	2.72	31.33	79.90	0.00
GenGT SMUD 35	2026	3	124.21	0.35	29.81	0.04	5.90	88.46	0.00
GenGT SMUD 35	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 35	2026	5	280.30	1.95	156.36	3.01	32.47	88.46	0.00
GenGT SMUD 35	2026	6	1,133.54	10.83	862.64	4.83	180.47	85.61	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 35	2026	7	1,453.63	14.04	1,124.17	6.97	234.03	88.46	0.00
GenGT SMUD 35	2026	8	1,633.38	15.66	1,277.97	5.98	260.97	88.46	0.00
GenGT SMUD 35	2026	9	1,321.46	12.22	1,025.53	6.75	203.58	85.61	0.00
GenGT SMUD 35	2026	10	704.69	5.88	513.22	4.99	98.02	88.46	0.00
GenGT SMUD 35	2026	11	1,220.16	10.43	954.93	5.79	173.83	85.61	0.00
GenGT SMUD 35	2026	12	1,637.12	13.56	1,312.74	9.94	225.98	88.46	0.00
GenGT SMUD 36	2026		10,121.09	87.94	7,559.75	54.21	1,465.58	1,041.55	0.00
GenGT SMUD 36	2026	1	839.56	6.86	629.74	6.97	114.39	88.46	0.00
GenGT SMUD 36	2026	2	205.77	1.20	104.95	0.93	20.00	79.90	0.00
GenGT SMUD 36	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 36	2026	4	233.05	1.50	122.41	0.04	25.00	85.61	0.00
GenGT SMUD 36	2026	5	245.97	1.59	127.93	3.01	26.57	88.46	0.00
GenGT SMUD 36	2026	6	1,147.21	10.97	873.94	4.83	182.83	85.61	0.00
GenGT SMUD 36	2026	7	1,387.20	13.36	1,069.18	6.97	222.58	88.46	0.00
GenGT SMUD 36	2026	8	1,550.00	14.81	1,208.73	5.98	246.83	88.46	0.00
GenGT SMUD 36	2026	9	1,113.87	10.16	853.12	5.79	169.36	85.61	0.00
GenGT SMUD 36	2026	10	423.24	3.19	278.57	3.01	53.20	88.46	0.00
GenGT SMUD 36	2026	11	1,336.48	11.50	1,052.53	6.75	191.60	85.61	0.00
GenGT SMUD 36	2026	12	1,550.27	12.79	1,238.65	9.94	213.22	88.46	0.00
GenGT SMUD 37	2026		9,084.82	77.72	6,694.78	53.30	1,295.19	1,041.55	0.00
GenGT SMUD 37	2026	1	912.56	7.53	690.68	7.96	125.46	88.46	0.00
GenGT SMUD 37	2026	2	163.23	0.80	69.96	0.03	13.33	79.90	0.00
GenGT SMUD 37	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 37	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 37	2026	5	224.51	1.37	110.16	3.01	22.88	88.46	0.00
GenGT SMUD 37	2026	6	1,036.74	9.82	782.59	4.83	163.72	85.61	0.00
GenGT SMUD 37	2026	7	1,315.24	12.61	1,009.63	6.97	210.19	88.46	0.00
GenGT SMUD 37	2026	8	1,482.14	14.11	1,151.55	6.97	235.15	88.46	0.00
GenGT SMUD 37	2026	9	859.29	7.64	641.50	4.83	127.35	85.61	0.00
GenGT SMUD 37	2026	10	276.63	1.78	155.50	2.97	29.70	88.46	0.00
GenGT SMUD 37	2026	11	1,143.07	9.72	889.71	5.79	161.96	85.61	0.00
GenGT SMUD 37	2026	12	1,497.34	12.33	1,193.49	9.94	205.45	88.46	0.00
GenGT SMUD 38	2026		8,411.14	71.31	6,132.83	48.40	1,188.37	1,041.55	0.00
GenGT SMUD 38	2026	1	694.55	5.54	507.85	5.98	92.25	88.46	0.00
GenGT SMUD 38	2026	2	163.23	0.80	69.96	0.03	13.33	79.90	0.00
GenGT SMUD 38	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 38	2026	4	148.82	0.64	52.46	0.04	10.71	85.61	0.00
GenGT SMUD 38	2026	5	197.77	1.11	88.84	2.02	18.45	88.46	0.00
GenGT SMUD 38	2026	6	869.29	8.09	644.10	4.83	134.75	85.61	0.00
GenGT SMUD 38	2026	7	1,297.98	12.44	996.16	5.98	207.38	88.46	0.00
GenGT SMUD 38	2026	8	1,443.59	13.73	1,120.36	5.98	228.78	88.46	0.00
GenGT SMUD 38	2026	9	847.08	7.53	632.12	3.87	125.49	85.61	0.00
GenGT SMUD 38	2026	10	219.75	1.24	108.54	2.02	20.73	88.46	0.00
GenGT SMUD 38	2026	11	963.39	8.04	736.08	7.70	133.99	85.61	0.00
GenGT SMUD 38	2026	12	1,477.24	12.15	1,176.34	9.94	202.50	88.46	0.00
GenGT SMUD 39	2026		7,257.34	60.50	5,165.99	41.52	1,008.28	1,041.55	0.00
GenGT SMUD 39	2026	1	651.72	5.14	471.62	5.98	85.67	88.46	0.00
GenGT SMUD 39	2026	2	163.23	0.80	69.96	0.03	13.33	79.90	0.00
GenGT SMUD 39	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 39	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 39	2026	5	183.91	0.97	78.18	1.03	16.24	88.46	0.00
GenGT SMUD 39	2026	6	782.59	7.19	572.41	4.83	119.75	85.61	0.00
GenGT SMUD 39	2026	7	1,302.30	12.49	999.74	5.98	208.13	88.46	0.00
GenGT SMUD 39	2026	8	1,383.71	13.11	1,069.82	6.97	218.46	88.46	0.00
GenGT SMUD 39	2026	9	744.15	6.51	546.24	3.87	108.44	85.61	0.00
GenGT SMUD 39	2026	10	134.52	0.44	38.64	0.04	7.38	88.46	0.00
GenGT SMUD 39	2026	11	540.48	4.16	380.74	4.83	69.31	85.61	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 39	2026	12	1,196.65	9.70	938.65	7.96	161.58	88.46	0.00
GenGT SMUD 4	2026		5,682.64	45.51	3,852.93	29.76	758.40	1,041.55	0.00
GenGT SMUD 4	2026	1	475.54	3.54	325.03	3.01	59.04	88.46	0.00
GenGT SMUD 4	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 4	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 4	2026	4	115.13	0.30	24.48	0.04	5.00	85.61	0.00
GenGT SMUD 4	2026	5	162.45	0.75	60.41	1.03	12.55	88.46	0.00
GenGT SMUD 4	2026	6	623.60	5.55	441.71	3.87	92.41	85.61	0.00
GenGT SMUD 4	2026	7	1,127.08	10.68	854.71	5.98	177.93	88.46	0.00
GenGT SMUD 4	2026	8	1,220.36	11.46	934.99	5.98	190.93	88.46	0.00
GenGT SMUD 4	2026	9	575.99	4.84	405.93	3.87	80.58	85.61	0.00
GenGT SMUD 4	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 4	2026	11	238.50	1.40	128.50	1.00	23.39	85.61	0.00
GenGT SMUD 4	2026	12	887.18	6.99	677.16	4.99	116.57	88.46	0.00
GenGT SMUD 40	2026		5,416.81	43.02	3,627.54	30.82	716.90	1,041.55	0.00
GenGT SMUD 40	2026	1	548.54	4.21	385.97	4.00	70.11	88.46	0.00
GenGT SMUD 40	2026	2	121.58	0.40	34.98	0.03	6.67	79.90	0.00
GenGT SMUD 40	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 40	2026	4	115.13	0.30	24.48	0.04	5.00	85.61	0.00
GenGT SMUD 40	2026	5	140.99	0.53	42.64	1.03	8.86	88.46	0.00
GenGT SMUD 40	2026	6	572.38	5.01	399.36	3.87	83.55	85.61	0.00
GenGT SMUD 40	2026	7	1,149.06	10.89	872.08	6.97	181.55	88.46	0.00
GenGT SMUD 40	2026	8	1,234.95	11.61	947.10	5.98	193.40	88.46	0.00
GenGT SMUD 40	2026	9	482.74	3.91	328.12	3.87	65.14	85.61	0.00
GenGT SMUD 40	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 40	2026	11	155.21	0.64	58.85	0.04	10.71	85.61	0.00
GenGT SMUD 40	2026	12	719.32	5.52	533.95	4.99	91.92	88.46	0.00
GenGT SMUD 41	2026		4,631.16	35.41	2,973.58	25.86	590.17	1,041.55	0.00
GenGT SMUD 41	2026	1	548.54	4.21	385.97	4.00	70.11	88.46	0.00
GenGT SMUD 41	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 41	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 41	2026	4	94.07	0.09	7.00	0.04	1.43	85.61	0.00
GenGT SMUD 41	2026	5	97.08	0.09	7.11	0.04	1.48	88.46	0.00
GenGT SMUD 41	2026	6	401.30	3.26	259.46	1.95	54.28	85.61	0.00
GenGT SMUD 41	2026	7	1,071.58	10.10	808.77	5.98	168.37	88.46	0.00
GenGT SMUD 41	2026	8	1,175.15	11.00	897.45	5.98	183.26	88.46	0.00
GenGT SMUD 41	2026	9	354.33	2.63	220.98	3.87	43.87	85.61	0.00
GenGT SMUD 41	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 41	2026	11	179.35	0.86	78.47	1.00	14.28	85.61	0.00
GenGT SMUD 41	2026	12	452.94	3.19	308.38	3.01	53.09	88.46	0.00
GenGT SMUD 42	2026		4,042.66	29.89	2,481.11	21.93	498.08	1,041.55	0.00
GenGT SMUD 42	2026	1	421.42	3.04	279.23	3.01	50.72	88.46	0.00
GenGT SMUD 42	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 42	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 42	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 42	2026	5	123.82	0.35	28.43	1.03	5.90	88.46	0.00
GenGT SMUD 42	2026	6	406.39	3.30	262.88	2.91	54.99	85.61	0.00
GenGT SMUD 42	2026	7	1,092.26	10.32	825.89	5.98	171.93	88.46	0.00
GenGT SMUD 42	2026	8	1,065.58	9.89	807.28	4.99	164.85	88.46	0.00
GenGT SMUD 42	2026	9	148.28	0.60	50.66	1.95	10.06	85.61	0.00
GenGT SMUD 42	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 42	2026	11	155.21	0.64	58.85	0.04	10.71	85.61	0.00
GenGT SMUD 42	2026	12	287.27	1.73	167.89	2.02	28.90	88.46	0.00
GenGT SMUD 43	2026		3,671.50	26.15	2,174.19	19.98	435.78	1,041.55	0.00
GenGT SMUD 43	2026	1	296.96	1.90	174.74	2.02	31.74	88.46	0.00
GenGT SMUD 43	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 43	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 43	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 43	2026	5	102.36	0.13	10.66	1.03	2.21	88.46	0.00
GenGT SMUD 43	2026	6	366.63	2.89	230.00	2.91	48.12	85.61	0.00
GenGT SMUD 43	2026	7	1,000.05	9.36	749.56	5.98	156.05	88.46	0.00
GenGT SMUD 43	2026	8	957.07	8.78	716.35	5.98	146.28	88.46	0.00
GenGT SMUD 43	2026	9	103.85	0.17	14.39	1.00	2.86	85.61	0.00
GenGT SMUD 43	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 43	2026	11	155.21	0.64	58.85	0.04	10.71	85.61	0.00
GenGT SMUD 43	2026	12	346.94	2.27	219.64	1.03	37.81	88.46	0.00
GenGT SMUD 44	2026		3,309.07	22.65	1,873.99	16.01	377.51	1,041.55	0.00
GenGT SMUD 44	2026	1	208.52	1.11	101.57	0.04	18.45	88.46	0.00
GenGT SMUD 44	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 44	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 44	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 44	2026	5	102.36	0.13	10.66	1.03	2.21	88.46	0.00
GenGT SMUD 44	2026	6	310.94	2.31	183.94	2.91	38.48	85.61	0.00
GenGT SMUD 44	2026	7	841.00	7.73	618.74	4.99	128.81	88.46	0.00
GenGT SMUD 44	2026	8	1,005.99	9.28	756.97	5.98	154.58	88.46	0.00
GenGT SMUD 44	2026	9	94.27	0.09	7.20	0.04	1.43	85.61	0.00
GenGT SMUD 44	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 44	2026	11	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 44	2026	12	317.96	2.01	194.92	1.03	33.55	88.46	0.00
GenGT SMUD 45	2026		3,050.63	20.15	1,658.19	15.06	335.83	1,041.55	0.00
GenGT SMUD 45	2026	1	208.52	1.11	101.57	0.04	18.45	88.46	0.00
GenGT SMUD 45	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 45	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 45	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 45	2026	5	97.08	0.09	7.11	0.04	1.48	88.46	0.00
GenGT SMUD 45	2026	6	219.66	1.37	109.25	1.95	22.85	85.61	0.00
GenGT SMUD 45	2026	7	874.68	8.07	645.80	5.98	134.44	88.46	0.00
GenGT SMUD 45	2026	8	907.85	8.28	675.47	5.98	137.93	88.46	0.00
GenGT SMUD 45	2026	9	94.27	0.09	7.20	0.04	1.43	85.61	0.00
GenGT SMUD 45	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 45	2026	11	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 45	2026	12	220.54	1.15	111.80	1.03	19.25	88.46	0.00
GenGT SMUD 46	2026		2,900.98	18.83	1,531.58	13.99	313.85	1,041.55	0.00
GenGT SMUD 46	2026	1	189.32	0.93	85.32	0.04	15.50	88.46	0.00
GenGT SMUD 46	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 46	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 46	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 46	2026	5	92.79	0.04	3.55	0.04	0.74	88.46	0.00
GenGT SMUD 46	2026	6	215.53	1.33	105.83	1.95	22.14	85.61	0.00
GenGT SMUD 46	2026	7	848.26	7.79	623.93	5.98	129.89	88.46	0.00
GenGT SMUD 46	2026	8	952.98	8.74	712.95	5.98	145.59	88.46	0.00
GenGT SMUD 46	2026	9	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 46	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 46	2026	11	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 46	2026	12	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 5	2026		2,733.63	17.23	1,391.11	13.91	287.06	1,041.55	0.00
GenGT SMUD 5	2026	1	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 5	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 5	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 5	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 5	2026	5	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 5	2026	6	211.41	1.29	102.42	1.95	21.43	85.61	0.00
GenGT SMUD 5	2026	7	846.98	7.78	622.87	5.98	129.67	88.46	0.00
GenGT SMUD 5	2026	8	896.22	8.16	665.82	5.98	135.96	88.46	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 5	2026	9	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 5	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 5	2026	11	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 5	2026	12	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 6	2026		2,550.98	15.36	1,239.60	13.91	255.91	1,041.55	0.00
GenGT SMUD 6	2026	1	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 6	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 6	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 6	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 6	2026	5	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 6	2026	6	207.28	1.24	99.01	1.95	20.71	85.61	0.00
GenGT SMUD 6	2026	7	789.03	7.18	574.91	5.98	119.69	88.46	0.00
GenGT SMUD 6	2026	8	775.64	6.93	565.69	5.98	115.52	88.46	0.00
GenGT SMUD 6	2026	9	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 6	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 6	2026	11	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 6	2026	12	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 7	2026		2,276.46	12.55	1,012.88	12.92	209.10	1,041.55	0.00
GenGT SMUD 7	2026	1	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 7	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 7	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 7	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 7	2026	5	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 7	2026	6	203.15	1.20	95.59	1.95	20.00	85.61	0.00
GenGT SMUD 7	2026	7	637.67	5.62	449.63	5.98	93.60	88.46	0.00
GenGT SMUD 7	2026	8	656.61	5.73	467.66	4.99	95.50	88.46	0.00
GenGT SMUD 7	2026	9	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 7	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 7	2026	11	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 7	2026	12	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 8	2026		2,128.99	11.05	892.36	10.98	184.11	1,041.55	0.00
GenGT SMUD 8	2026	1	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 8	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 8	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 8	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 8	2026	5	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 8	2026	6	190.71	1.08	86.10	1.00	18.01	85.61	0.00
GenGT SMUD 8	2026	7	536.08	4.58	366.36	4.99	76.27	88.46	0.00
GenGT SMUD 8	2026	8	623.18	5.39	439.90	4.99	89.83	88.46	0.00
GenGT SMUD 8	2026	9	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 8	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 8	2026	11	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 8	2026	12	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 9	2026		1,824.03	7.91	639.68	10.98	131.82	1,041.55	0.00
GenGT SMUD 9	2026	1	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 9	2026	2	79.90	0.00	0.00	0.00	0.00	79.90	0.00
GenGT SMUD 9	2026	3	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 9	2026	4	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 9	2026	5	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 9	2026	6	152.65	0.69	54.62	1.00	11.43	85.61	0.00
GenGT SMUD 9	2026	7	373.01	2.89	231.39	4.99	48.17	88.46	0.00
GenGT SMUD 9	2026	8	519.35	4.33	353.67	4.99	72.22	88.46	0.00
GenGT SMUD 9	2026	9	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 9	2026	10	88.46	0.00	0.00	0.00	0.00	88.46	0.00
GenGT SMUD 9	2026	11	85.61	0.00	0.00	0.00	0.00	85.61	0.00
GenGT SMUD 9	2026	12	88.46	0.00	0.00	0.00	0.00	88.46	0.00
Jaybird	2026		5,054.95	532.10	5,054.95	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
MorganStanley1_O	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley1_O	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026		0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2026		13,957.75	35.66	2,875.03	73.03	594.19	10,415.50	0.00
Peaker SMUD 1	2026	1	884.60	0.00	0.00	0.00	0.00	884.60	0.00
Peaker SMUD 1	2026	2	799.00	0.00	0.00	0.00	0.00	799.00	0.00
Peaker SMUD 1	2026	3	884.60	0.00	0.00	0.00	0.00	884.60	0.00
Peaker SMUD 1	2026	4	856.07	0.00	0.00	0.00	0.00	856.07	0.00
Peaker SMUD 1	2026	5	884.60	0.00	0.00	0.00	0.00	884.60	0.00
Peaker SMUD 1	2026	6	1,026.98	1.67	133.15	9.92	27.85	856.07	0.00
Peaker SMUD 1	2026	7	2,861.18	20.20	1,616.82	23.16	336.59	884.60	0.00
Peaker SMUD 1	2026	8	2,279.37	13.79	1,125.06	39.96	229.74	884.60	0.00
Peaker SMUD 1	2026	9	856.07	0.00	0.00	0.00	0.00	856.07	0.00
Peaker SMUD 1	2026	10	884.60	0.00	0.00	0.00	0.00	884.60	0.00
Peaker SMUD 1	2026	11	856.07	0.00	0.00	0.00	0.00	856.07	0.00
Peaker SMUD 1	2026	12	884.60	0.00	0.00	0.00	0.00	884.60	0.00
Peaker SMUD 2	2026		9,957.67	5.82	468.30	18.44	96.97	9,373.95	0.00
Peaker SMUD 2	2026	1	796.14	0.00	0.00	0.00	0.00	796.14	0.00
Peaker SMUD 2	2026	2	719.10	0.00	0.00	0.00	0.00	719.10	0.00
Peaker SMUD 2	2026	3	796.14	0.00	0.00	0.00	0.00	796.14	0.00
Peaker SMUD 2	2026	4	770.46	0.00	0.00	0.00	0.00	770.46	0.00
Peaker SMUD 2	2026	5	796.14	0.00	0.00	0.00	0.00	796.14	0.00
Peaker SMUD 2	2026	6	770.46	0.00	0.00	0.00	0.00	770.46	0.00
Peaker SMUD 2	2026	7	1,214.00	4.22	338.20	9.26	70.41	796.14	0.00
Peaker SMUD 2	2026	8	962.00	1.59	130.11	9.18	26.57	796.14	0.00
Peaker SMUD 2	2026	9	770.46	0.00	0.00	0.00	0.00	770.46	0.00
Peaker SMUD 2	2026	10	796.14	0.00	0.00	0.00	0.00	796.14	0.00
Peaker SMUD 2	2026	11	770.46	0.00	0.00	0.00	0.00	770.46	0.00
Peaker SMUD 2	2026	12	796.14	0.00	0.00	0.00	0.00	796.14	0.00
Peaker SMUD 3	2026		7,381.06	0.93	74.45	0.27	15.50	7,290.85	0.00
Peaker SMUD 3	2026	1	619.22	0.00	0.00	0.00	0.00	619.22	0.00
Peaker SMUD 3	2026	2	559.30	0.00	0.00	0.00	0.00	559.30	0.00
Peaker SMUD 3	2026	3	619.22	0.00	0.00	0.00	0.00	619.22	0.00
Peaker SMUD 3	2026	4	599.25	0.00	0.00	0.00	0.00	599.25	0.00
Peaker SMUD 3	2026	5	619.22	0.00	0.00	0.00	0.00	619.22	0.00
Peaker SMUD 3	2026	6	599.25	0.00	0.00	0.00	0.00	599.25	0.00
Peaker SMUD 3	2026	7	709.43	0.93	74.45	0.27	15.50	619.22	0.00
Peaker SMUD 3	2026	8	619.22	0.00	0.00	0.00	0.00	619.22	0.00
Peaker SMUD 3	2026	9	599.25	0.00	0.00	0.00	0.00	599.25	0.00
Peaker SMUD 3	2026	10	619.22	0.00	0.00	0.00	0.00	619.22	0.00
Peaker SMUD 3	2026	11	599.25	0.00	0.00	0.00	0.00	599.25	0.00
Peaker SMUD 3	2026	12	619.22	0.00	0.00	0.00	0.00	619.22	0.00
Peaker SMUD 4	2026		4,170.52	0.04	3.55	0.04	0.74	4,166.20	0.00
Peaker SMUD 4	2026	1	353.84	0.00	0.00	0.00	0.00	353.84	0.00
Peaker SMUD 4	2026	2	319.60	0.00	0.00	0.00	0.00	319.60	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMEnergy3_SumPk	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy3_SumPk	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMEnergy4_Wind	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2026		13,237.19	139.39	11,529.32	241.73	1,088.20	377.84	0.10
Procter & G GT 1	2026	1	982.31	9.59	856.47	18.92	74.83	32.09	0.01
Procter & G GT 1	2026	2	28.99	0.00	0.00	0.00	0.00	28.99	0.00
Procter & G GT 1	2026	3	580.23	6.04	495.04	5.93	47.16	32.09	0.00
Procter & G GT 1	2026	4	278.18	2.83	224.83	0.21	22.08	31.06	0.00
Procter & G GT 1	2026	5	1,170.36	12.99	1,014.89	21.99	101.37	32.09	0.01
Procter & G GT 1	2026	6	1,436.48	16.15	1,252.98	26.36	126.07	31.06	0.01
Procter & G GT 1	2026	7	1,752.99	19.68	1,534.44	32.80	153.64	32.09	0.01
Procter & G GT 1	2026	8	1,794.40	19.81	1,574.24	33.44	154.61	32.09	0.01
Procter & G GT 1	2026	9	1,544.63	16.53	1,351.25	33.29	129.02	31.06	0.01
Procter & G GT 1	2026	10	791.45	7.99	679.00	17.99	62.37	32.09	0.01
Procter & G GT 1	2026	11	1,481.67	14.71	1,311.50	24.28	114.83	31.06	0.01
Procter & G GT 1	2026	12	1,395.53	13.09	1,234.67	26.53	102.22	32.09	0.01
Robbs Peak	2026		466.45	49.10	466.45	0.00	0.00	0.00	0.00
Robbs Peak	2026	1	34.20	3.60	34.20	0.00	0.00	0.00	0.00
Robbs Peak	2026	2	51.30	5.40	51.30	0.00	0.00	0.00	0.00
Robbs Peak	2026	3	63.65	6.70	63.65	0.00	0.00	0.00	0.00
Robbs Peak	2026	4	68.40	7.20	68.40	0.00	0.00	0.00	0.00
Robbs Peak	2026	5	68.40	7.20	68.40	0.00	0.00	0.00	0.00
Robbs Peak	2026	6	53.20	5.60	53.20	0.00	0.00	0.00	0.00
Robbs Peak	2026	7	36.10	3.80	36.10	0.00	0.00	0.00	0.00
Robbs Peak	2026	8	30.40	3.20	30.40	0.00	0.00	0.00	0.00
Robbs Peak	2026	9	14.25	1.50	14.25	0.00	0.00	0.00	0.00
Robbs Peak	2026	10	12.35	1.30	12.35	0.00	0.00	0.00	0.00
Robbs Peak	2026	11	10.45	1.10	10.45	0.00	0.00	0.00	0.00
Robbs Peak	2026	12	23.75	2.50	23.75	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2026		58,978.75	720.48	54,101.79	8.94	-2,193.59	7,061.14	0.47
SCA P&G Cogen 1	2026	1	4,875.04	55.03	4,442.03	0.81	-167.56	599.71	0.04
SCA P&G Cogen 1	2026	2	4,170.16	49.09	3,777.22	0.70	-149.46	541.68	0.03
SCA P&G Cogen 1	2026	3	4,666.50	57.28	4,240.40	0.75	-174.40	599.71	0.04
SCA P&G Cogen 1	2026	4	4,148.71	51.89	3,725.59	0.70	-157.98	580.37	0.03
SCA P&G Cogen 1	2026	5	4,893.92	63.56	4,486.95	0.71	-193.50	599.71	0.04
SCA P&G Cogen 1	2026	6	4,704.41	61.51	4,310.58	0.68	-187.26	580.37	0.04
SCA P&G Cogen 1	2026	7	5,080.45	66.49	4,682.41	0.71	-202.42	599.71	0.04
SCA P&G Cogen 1	2026	8	5,473.84	70.88	5,089.16	0.72	-215.80	599.71	0.05
SCA P&G Cogen 1	2026	9	5,363.11	67.53	4,987.58	0.72	-205.60	580.37	0.04
SCA P&G Cogen 1	2026	10	4,644.80	54.85	4,211.29	0.77	-167.01	599.71	0.04
SCA P&G Cogen 1	2026	11	5,179.32	59.33	4,778.77	0.79	-180.64	580.37	0.04
SCA P&G Cogen 1	2026	12	5,778.48	63.05	5,369.81	0.86	-191.95	599.71	0.04

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Slab Creek	2026		12.49	1.32	12.49	0.00	0.00	0.00	0.00
Slab Creek	2026	1	0.71	0.07	0.71	0.00	0.00	0.00	0.00
Slab Creek	2026	2	0.64	0.07	0.64	0.00	0.00	0.00	0.00
Slab Creek	2026	3	0.71	0.07	0.71	0.00	0.00	0.00	0.00
Slab Creek	2026	4	0.68	0.07	0.68	0.00	0.00	0.00	0.00
Slab Creek	2026	5	0.71	0.07	0.71	0.00	0.00	0.00	0.00
Slab Creek	2026	6	1.37	0.14	1.37	0.00	0.00	0.00	0.00
Slab Creek	2026	7	1.41	0.15	1.41	0.00	0.00	0.00	0.00
Slab Creek	2026	8	1.41	0.15	1.41	0.00	0.00	0.00	0.00
Slab Creek	2026	9	1.37	0.14	1.37	0.00	0.00	0.00	0.00
Slab Creek	2026	10	1.41	0.15	1.41	0.00	0.00	0.00	0.00
Slab Creek	2026	11	1.37	0.14	1.37	0.00	0.00	0.00	0.00
Slab Creek	2026	12	0.71	0.07	0.71	0.00	0.00	0.00	0.00
SMUD PV 1	2026		285.34	67.98	0.00	0.00	135.20	150.14	0.00
SMUD PV 1	2026	1	13.05	0.15	0.00	0.00	0.30	12.75	0.00
SMUD PV 1	2026	2	12.77	0.63	0.00	0.00	1.25	11.52	0.00
SMUD PV 1	2026	3	17.31	2.29	0.00	0.00	4.56	12.75	0.00
SMUD PV 1	2026	4	21.69	4.70	0.00	0.00	9.35	12.34	0.00
SMUD PV 1	2026	5	25.72	6.52	0.00	0.00	12.97	12.75	0.00
SMUD PV 1	2026	6	38.97	13.39	0.00	0.00	26.63	12.34	0.00
SMUD PV 1	2026	7	39.06	13.23	0.00	0.00	26.31	12.75	0.00
SMUD PV 1	2026	8	37.44	12.41	0.00	0.00	24.68	12.75	0.00
SMUD PV 1	2026	9	33.96	10.87	0.00	0.00	21.62	12.34	0.00
SMUD PV 1	2026	10	18.40	2.84	0.00	0.00	5.65	12.75	0.00
SMUD PV 1	2026	11	13.89	0.78	0.00	0.00	1.55	12.34	0.00
SMUD PV 1	2026	12	13.07	0.16	0.00	0.00	0.32	12.75	0.00
SMUD Solano Wi 2	2026		1,095.12	286.05	0.00	0.00	0.00	1,095.12	0.00
SMUD Solano Wi 2	2026	1	93.01	2.49	0.00	0.00	0.00	93.01	0.00
SMUD Solano Wi 2	2026	2	84.01	3.69	0.00	0.00	0.00	84.01	0.00
SMUD Solano Wi 2	2026	3	93.01	15.02	0.00	0.00	0.00	93.01	0.00
SMUD Solano Wi 2	2026	4	90.01	21.35	0.00	0.00	0.00	90.01	0.00
SMUD Solano Wi 2	2026	5	93.01	32.80	0.00	0.00	0.00	93.01	0.00
SMUD Solano Wi 2	2026	6	90.01	47.65	0.00	0.00	0.00	90.01	0.00
SMUD Solano Wi 2	2026	7	93.01	47.95	0.00	0.00	0.00	93.01	0.00
SMUD Solano Wi 2	2026	8	93.01	46.41	0.00	0.00	0.00	93.01	0.00
SMUD Solano Wi 2	2026	9	90.01	35.23	0.00	0.00	0.00	90.01	0.00
SMUD Solano Wi 2	2026	10	93.01	21.06	0.00	0.00	0.00	93.01	0.00
SMUD Solano Wi 2	2026	11	90.01	6.39	0.00	0.00	0.00	90.01	0.00
SMUD Solano Wi 2	2026	12	93.01	6.00	0.00	0.00	0.00	93.01	0.00
Snohomish	2026		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2026		85,107.50	1,151.52	80,734.89	7.26	-1,685.54	6,050.18	0.71
SPA Campbell C 1	2026	1	7,171.80	90.10	6,789.11	0.66	-131.88	513.85	0.06
SPA Campbell C 1	2026	2	5,623.72	73.31	5,266.30	0.57	-107.31	464.12	0.05
SPA Campbell C 1	2026	3	6,559.01	89.35	6,175.29	0.61	-130.79	513.85	0.05
SPA Campbell C 1	2026	4	5,999.16	83.90	5,624.08	0.57	-122.81	497.27	0.05

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
SPA Campbell C 1	2026	5	7,210.50	103.90	6,848.09	0.58	-152.09	513.85	0.06
SPA Campbell C 1	2026	6	6,905.50	100.17	6,554.24	0.56	-146.63	497.27	0.06
SPA Campbell C 1	2026	7	7,264.19	104.99	6,903.38	0.58	-153.69	513.85	0.06
SPA Campbell C 1	2026	8	7,654.18	108.89	7,299.06	0.59	-159.39	513.85	0.07
SPA Campbell C 1	2026	9	7,686.04	106.51	7,344.02	0.59	-155.91	497.27	0.07
SPA Campbell C 1	2026	10	7,214.76	95.43	6,839.91	0.63	-139.69	513.85	0.06
SPA Campbell C 1	2026	11	7,485.15	94.77	7,125.90	0.64	-138.72	497.27	0.06
SPA Campbell C 1	2026	12	8,333.49	100.18	7,965.51	0.70	-146.63	513.85	0.06
Union Valley	2026		1,123.85	118.30	1,123.85	0.00	0.00	0.00	0.00
Union Valley	2026	1	58.90	6.20	58.90	0.00	0.00	0.00	0.00
Union Valley	2026	2	71.25	7.50	71.25	0.00	0.00	0.00	0.00
Union Valley	2026	3	98.80	10.40	98.80	0.00	0.00	0.00	0.00
Union Valley	2026	4	93.10	9.80	93.10	0.00	0.00	0.00	0.00
Union Valley	2026	5	119.70	12.60	119.70	0.00	0.00	0.00	0.00
Union Valley	2026	6	123.50	13.00	123.50	0.00	0.00	0.00	0.00
Union Valley	2026	7	123.50	13.00	123.50	0.00	0.00	0.00	0.00
Union Valley	2026	8	142.50	15.00	142.50	0.00	0.00	0.00	0.00
Union Valley	2026	9	121.60	12.80	121.60	0.00	0.00	0.00	0.00
Union Valley	2026	10	46.55	4.90	46.55	0.00	0.00	0.00	0.00
Union Valley	2026	11	52.25	5.50	52.25	0.00	0.00	0.00	0.00
Union Valley	2026	12	72.20	7.60	72.20	0.00	0.00	0.00	0.00
WAPA 1	2026		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2026	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White Rock	2026		5,181.30	545.40	5,181.30	0.00	0.00	0.00	0.00
White Rock	2026	1	407.55	42.90	407.55	0.00	0.00	0.00	0.00
White Rock	2026	2	445.55	46.90	445.55	0.00	0.00	0.00	0.00
White Rock	2026	3	654.55	68.90	654.55	0.00	0.00	0.00	0.00
White Rock	2026	4	681.15	71.70	681.15	0.00	0.00	0.00	0.00
White Rock	2026	5	785.65	82.70	785.65	0.00	0.00	0.00	0.00
White Rock	2026	6	592.80	62.40	592.80	0.00	0.00	0.00	0.00
White Rock	2026	7	389.50	41.00	389.50	0.00	0.00	0.00	0.00
White Rock	2026	8	329.65	34.70	329.65	0.00	0.00	0.00	0.00
White Rock	2026	9	288.80	30.40	288.80	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
CDWR_Ex_6x16OnPl	2027	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDWR_Ex_6x16OnPl	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNP15_Markets p	2027		33,353.89	398.35	33,353.89	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	1	9,058.85	104.78	9,058.85	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	2	6,331.59	75.22	6,331.59	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	3	2,285.86	29.12	2,285.86	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	4	2,142.90	28.95	2,142.90	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	5	431.97	7.29	431.97	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	6	601.25	7.86	601.25	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	7	528.27	8.29	528.27	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	8	41.31	0.42	41.31	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	9	175.86	1.72	175.86	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	10	4,047.20	47.25	4,047.20	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	11	2,636.17	30.16	2,636.17	0.00	0.00	0.00	0.00
CNP15_Markets p	2027	12	5,072.66	57.30	5,072.66	0.00	0.00	0.00	0.00
CNP15_Markets s	2027		-409,780.88	-3,842.91	-409,780.88	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	1	-23,980.43	-213.97	-23,980.43	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	2	-6,370.88	-65.51	-6,370.88	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	3	-13,525.55	-157.56	-13,525.55	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	4	-14,187.47	-176.10	-14,187.47	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	5	-38,911.15	-391.94	-38,911.15	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	6	-40,499.13	-400.15	-40,499.13	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	7	-55,642.90	-522.06	-55,642.90	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	8	-61,987.78	-543.02	-61,987.78	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	9	-47,963.62	-453.00	-47,963.62	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	10	-20,605.37	-202.99	-20,605.37	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	11	-42,434.12	-367.77	-42,434.12	0.00	0.00	0.00	0.00
CNP15_Markets s	2027	12	-43,672.50	-348.83	-43,672.50	0.00	0.00	0.00	0.00
Cosumnes SMUD 1a	2027		136,827.19	1,963.94	125,492.04	23.19	8,663.99	2,646.91	1.06
Cosumnes SMUD 1a	2027	1	11,900.62	159.54	10,969.80	2.12	703.81	224.81	0.09
Cosumnes SMUD 1a	2027	2	10,229.09	143.37	9,391.67	1.82	632.48	203.05	0.08
Cosumnes SMUD 1a	2027	3	10,894.32	158.28	9,969.22	1.94	698.27	224.81	0.09
Cosumnes SMUD 1a	2027	4	10,285.38	153.61	9,388.27	1.82	677.66	217.55	0.08
Cosumnes SMUD 1a	2027	5	11,487.07	174.71	10,489.60	1.85	770.72	224.81	0.09
Cosumnes SMUD 1a	2027	6	11,170.69	170.89	10,197.36	1.78	753.90	217.55	0.09
Cosumnes SMUD 1a	2027	7	11,152.99	169.73	10,177.50	1.85	748.75	224.81	0.09
Cosumnes SMUD 1a	2027	8	11,768.03	176.59	10,762.23	1.88	779.03	224.81	0.10
Cosumnes SMUD 1a	2027	9	11,702.87	170.89	10,729.46	1.87	753.90	217.55	0.09
Cosumnes SMUD 1a	2027	10	12,079.77	169.95	11,103.14	2.01	749.72	224.81	0.09
Cosumnes SMUD 1a	2027	11	11,416.61	153.61	10,519.28	2.04	677.66	217.55	0.08
Cosumnes SMUD 1a	2027	12	12,739.76	162.78	11,794.52	2.23	718.11	224.81	0.09
Cosumnes SMUD 1b	2027		135,914.91	1,950.52	124,638.98	23.19	8,604.77	2,646.91	1.05
Cosumnes SMUD 1b	2027	1	11,900.62	159.54	10,969.80	2.12	703.81	224.81	0.09
Cosumnes SMUD 1b	2027	2	10,094.23	141.50	9,265.05	1.82	624.23	203.05	0.08
Cosumnes SMUD 1b	2027	3	10,888.42	158.18	9,963.79	1.94	697.80	224.81	0.09
Cosumnes SMUD 1b	2027	4	10,285.38	153.61	9,388.27	1.82	677.66	217.55	0.08
Cosumnes SMUD 1b	2027	5	11,344.61	172.49	10,356.91	1.85	760.96	224.81	0.09
Cosumnes SMUD 1b	2027	6	11,170.69	170.89	10,197.36	1.78	753.90	217.55	0.09

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 1b	2027	7	11,127.65	169.27	10,154.17	1.85	746.74	224.81	0.09
Cosumnes SMUD 1b	2027	8	11,623.38	174.38	10,627.34	1.88	769.26	224.81	0.09
Cosumnes SMUD 1b	2027	9	11,486.98	167.68	10,527.74	1.87	739.72	217.55	0.09
Cosumnes SMUD 1b	2027	10	11,925.41	167.73	10,958.54	2.01	739.95	224.81	0.09
Cosumnes SMUD 1b	2027	11	11,416.61	153.61	10,519.28	2.04	677.66	217.55	0.08
Cosumnes SMUD 1b	2027	12	12,650.96	161.64	11,710.75	2.23	713.09	224.81	0.09
Cosumnes SMUD 2a	2027		135,309.44	1,941.45	124,073.55	23.19	8,564.74	2,646.91	1.05
Cosumnes SMUD 2a	2027	1	11,900.62	159.54	10,969.80	2.12	703.81	224.81	0.09
Cosumnes SMUD 2a	2027	2	9,884.67	138.50	9,068.72	1.82	611.00	203.05	0.07
Cosumnes SMUD 2a	2027	3	10,888.42	158.18	9,963.79	1.94	697.80	224.81	0.09
Cosumnes SMUD 2a	2027	4	9,869.39	147.32	9,000.02	1.82	649.91	217.55	0.08
Cosumnes SMUD 2a	2027	5	11,424.20	173.74	10,430.99	1.85	766.46	224.81	0.09
Cosumnes SMUD 2a	2027	6	10,553.01	161.25	9,622.24	1.78	711.36	217.55	0.09
Cosumnes SMUD 2a	2027	7	11,549.74	175.81	10,547.38	1.85	775.61	224.81	0.10
Cosumnes SMUD 2a	2027	8	11,768.03	176.59	10,762.23	1.88	779.03	224.81	0.10
Cosumnes SMUD 2a	2027	9	11,702.87	170.89	10,729.46	1.87	753.90	217.55	0.09
Cosumnes SMUD 2a	2027	10	11,616.67	163.30	10,669.35	2.01	720.42	224.81	0.09
Cosumnes SMUD 2a	2027	11	11,416.61	153.61	10,519.28	2.04	677.66	217.55	0.08
Cosumnes SMUD 2a	2027	12	12,735.23	162.71	11,790.31	2.23	717.80	224.81	0.09
Cosumnes SMUD 2b	2027		136,048.31	1,951.43	124,736.38	55.17	8,608.78	2,646.91	1.05
Cosumnes SMUD 2b	2027	1	11,900.62	159.54	10,969.80	2.12	703.81	224.81	0.09
Cosumnes SMUD 2b	2027	2	10,229.09	143.37	9,391.67	1.82	632.48	203.05	0.08
Cosumnes SMUD 2b	2027	3	10,446.48	151.68	9,550.52	1.94	669.13	224.81	0.08
Cosumnes SMUD 2b	2027	4	10,285.38	153.61	9,388.27	1.82	677.66	217.55	0.08
Cosumnes SMUD 2b	2027	5	10,983.87	166.29	9,991.54	33.83	733.61	224.81	0.09
Cosumnes SMUD 2b	2027	6	10,964.80	167.68	10,005.66	1.78	739.72	217.55	0.09
Cosumnes SMUD 2b	2027	7	11,491.16	174.93	10,492.71	1.85	771.70	224.81	0.09
Cosumnes SMUD 2b	2027	8	11,768.03	176.59	10,762.23	1.88	779.03	224.81	0.10
Cosumnes SMUD 2b	2027	9	11,558.94	168.75	10,594.98	1.87	744.44	217.55	0.09
Cosumnes SMUD 2b	2027	10	12,234.13	172.16	11,247.73	2.01	759.49	224.81	0.09
Cosumnes SMUD 2b	2027	11	11,416.61	153.61	10,519.28	2.04	677.66	217.55	0.08
Cosumnes SMUD 2b	2027	12	12,769.19	163.22	11,822.01	2.23	720.06	224.81	0.09
Cosumnes SMUD 3a	2027		131,742.82	1,886.25	120,619.66	154.01	8,321.22	2,646.91	1.02
Cosumnes SMUD 3a	2027	1	11,928.66	159.98	10,995.88	2.12	705.77	224.81	0.09
Cosumnes SMUD 3a	2027	2	9,744.96	136.50	8,937.84	1.82	602.17	203.05	0.07
Cosumnes SMUD 3a	2027	3	10,521.00	152.79	9,620.15	1.94	674.02	224.81	0.08
Cosumnes SMUD 3a	2027	4	9,869.39	147.32	9,000.02	1.82	649.91	217.55	0.08
Cosumnes SMUD 3a	2027	5	9,883.48	148.69	8,936.82	65.82	655.95	224.81	0.08
Cosumnes SMUD 3a	2027	6	11,102.06	169.82	10,133.46	1.78	749.17	217.55	0.09
Cosumnes SMUD 3a	2027	7	11,136.35	168.84	10,132.78	33.83	744.84	224.81	0.09
Cosumnes SMUD 3a	2027	8	11,261.74	168.84	10,290.12	1.88	744.84	224.81	0.09
Cosumnes SMUD 3a	2027	9	11,558.94	168.75	10,594.98	1.87	744.44	217.55	0.09
Cosumnes SMUD 3a	2027	10	10,923.72	152.79	9,987.95	36.87	674.02	224.81	0.08
Cosumnes SMUD 3a	2027	11	11,416.61	153.61	10,519.28	2.04	677.66	217.55	0.08
Cosumnes SMUD 3a	2027	12	12,395.92	158.32	11,470.36	2.23	698.44	224.81	0.09
Cosumnes SMUD 3b	2027		131,316.10	1,877.53	120,134.91	250.49	8,282.78	2,646.91	1.02
Cosumnes SMUD 3b	2027	1	11,928.66	159.98	10,995.88	2.12	705.77	224.81	0.09
Cosumnes SMUD 3b	2027	2	9,111.42	127.37	8,344.59	1.82	561.89	203.05	0.07
Cosumnes SMUD 3b	2027	3	10,888.42	158.18	9,963.79	1.94	697.80	224.81	0.09
Cosumnes SMUD 3b	2027	4	10,285.38	153.61	9,388.27	1.82	677.66	217.55	0.08
Cosumnes SMUD 3b	2027	5	10,270.27	154.78	9,296.75	65.82	682.81	224.81	0.08
Cosumnes SMUD 3b	2027	6	9,526.14	144.11	8,609.37	63.40	635.73	217.55	0.08
Cosumnes SMUD 3b	2027	7	11,136.35	168.84	10,132.78	33.83	744.84	224.81	0.09
Cosumnes SMUD 3b	2027	8	11,768.03	176.59	10,762.23	1.88	779.03	224.81	0.10
Cosumnes SMUD 3b	2027	9	11,630.91	169.82	10,662.22	1.87	749.17	217.55	0.09
Cosumnes SMUD 3b	2027	10	10,693.86	148.91	9,740.33	71.73	656.92	224.81	0.08
Cosumnes SMUD 3b	2027	11	11,343.98	152.68	10,450.76	2.04	673.55	217.55	0.08

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Cosumnes SMUD 3b	2027	12	12,732.70	162.67	11,787.95	2.23	717.62	224.81	0.09
Cosumnes SMUD 4a	2027		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cosumnes SMUD 4a	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1nGT SMUD 33	2027		11,885.14	101.41	9,024.65	60.65	1,732.26	1,067.59	0.00
G1nGT SMUD 33	2027	1	943.49	7.53	716.06	8.16	128.60	90.67	0.00
G1nGT SMUD 33	2027	2	177.62	0.88	79.74	0.95	15.03	81.90	0.00
G1nGT SMUD 33	2027	3	122.10	0.29	25.39	1.05	4.98	90.67	0.00
G1nGT SMUD 33	2027	4	240.21	1.50	126.81	0.04	25.62	87.75	0.00
G1nGT SMUD 33	2027	5	362.57	2.68	222.08	4.10	45.72	90.67	0.00
G1nGT SMUD 33	2027	6	1,243.60	11.55	953.64	4.95	197.26	87.75	0.00
G1nGT SMUD 33	2027	7	1,612.15	15.15	1,256.64	6.13	258.71	90.67	0.00
G1nGT SMUD 33	2027	8	1,610.46	14.92	1,258.73	6.13	254.93	90.67	0.00
G1nGT SMUD 33	2027	9	1,533.48	13.85	1,203.25	5.93	236.55	87.75	0.00
G1nGT SMUD 33	2027	10	695.60	5.58	504.50	5.11	95.31	90.67	0.00
G1nGT SMUD 33	2027	11	1,658.80	13.98	1,324.33	7.90	238.82	87.75	0.00
G1nGT SMUD 33	2027	12	1,685.06	13.51	1,353.48	10.19	230.72	90.67	0.00
GenGT SMUD 1	2027		18,365.63	163.70	14,425.73	76.01	2,796.30	1,067.59	0.00
GenGT SMUD 1	2027	1	1,247.59	10.23	973.00	9.18	174.74	90.67	0.00
GenGT SMUD 1	2027	2	775.09	6.36	576.27	8.29	108.64	81.90	0.00
GenGT SMUD 1	2027	3	642.15	5.23	455.07	7.14	89.26	90.67	0.00
GenGT SMUD 1	2027	4	575.13	4.76	402.15	3.97	81.26	87.75	0.00
GenGT SMUD 1	2027	5	1,646.58	15.50	1,286.04	5.11	264.76	90.67	0.00
GenGT SMUD 1	2027	6	1,767.96	16.80	1,387.32	5.93	286.97	87.75	0.00
GenGT SMUD 1	2027	7	2,298.94	22.01	1,826.17	6.13	375.96	90.67	0.00
GenGT SMUD 1	2027	8	2,356.06	22.28	1,878.75	6.13	380.50	90.67	0.00
GenGT SMUD 1	2027	9	1,982.94	18.17	1,578.86	5.93	310.39	87.75	0.00
GenGT SMUD 1	2027	10	1,144.10	9.74	880.87	6.13	166.42	90.67	0.00
GenGT SMUD 1	2027	11	1,900.09	16.16	1,530.42	5.93	275.99	87.75	0.00
GenGT SMUD 1	2027	12	2,029.01	16.47	1,650.80	6.13	281.40	90.67	0.00
GenGT SMUD 10	2027		18,099.84	160.98	14,203.47	79.02	2,749.77	1,067.59	0.00
GenGT SMUD 10	2027	1	1,331.04	10.98	1,044.61	8.16	187.60	90.67	0.00
GenGT SMUD 10	2027	2	783.71	6.44	583.52	8.29	110.00	81.90	0.00
GenGT SMUD 10	2027	3	665.21	5.45	474.35	7.14	93.05	90.67	0.00
GenGT SMUD 10	2027	4	571.75	4.71	398.53	4.95	80.53	87.75	0.00
GenGT SMUD 10	2027	5	1,531.38	14.35	1,190.50	5.11	245.09	90.67	0.00
GenGT SMUD 10	2027	6	1,686.81	15.99	1,320.07	5.93	273.06	87.75	0.00
GenGT SMUD 10	2027	7	2,298.94	22.01	1,826.17	6.13	375.96	90.67	0.00
GenGT SMUD 10	2027	8	2,279.70	21.52	1,815.26	6.13	367.64	90.67	0.00
GenGT SMUD 10	2027	9	1,978.48	18.13	1,575.14	5.93	309.66	87.75	0.00
GenGT SMUD 10	2027	10	1,025.09	8.64	780.78	6.13	147.51	90.67	0.00
GenGT SMUD 10	2027	11	1,900.09	16.16	1,530.42	5.93	275.99	87.75	0.00
GenGT SMUD 10	2027	12	2,047.64	16.61	1,664.11	9.18	283.67	90.67	0.00
GenGT SMUD 11	2027		17,528.16	156.02	13,714.44	81.02	2,665.12	1,067.59	0.00
GenGT SMUD 11	2027	1	1,188.98	9.70	922.46	10.19	165.67	90.67	0.00
GenGT SMUD 11	2027	2	762.17	6.24	565.40	8.29	106.59	81.90	0.00
GenGT SMUD 11	2027	3	641.13	5.23	455.07	6.13	89.26	90.67	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 11	2027	4	536.91	4.37	369.55	4.95	74.67	87.75	0.00
GenGT SMUD 11	2027	5	1,642.15	15.46	1,282.36	5.11	264.01	90.67	0.00
GenGT SMUD 11	2027	6	1,755.15	16.67	1,376.70	5.93	284.77	87.75	0.00
GenGT SMUD 11	2027	7	2,294.50	21.97	1,822.50	6.13	375.21	90.67	0.00
GenGT SMUD 11	2027	8	2,347.07	22.19	1,871.28	6.13	378.99	90.67	0.00
GenGT SMUD 11	2027	9	1,881.43	17.19	1,493.22	6.91	293.56	87.75	0.00
GenGT SMUD 11	2027	10	987.00	8.28	748.74	6.13	141.46	90.67	0.00
GenGT SMUD 11	2027	11	1,579.06	13.29	1,258.44	5.93	226.94	87.75	0.00
GenGT SMUD 11	2027	12	1,912.59	15.46	1,548.74	9.18	264.01	90.67	0.00
GenGT SMUD 12	2027		16,923.73	150.20	13,212.49	77.97	2,565.68	1,067.59	0.00
GenGT SMUD 12	2027	1	1,197.91	9.79	930.88	9.18	167.18	90.67	0.00
GenGT SMUD 12	2027	2	585.56	4.60	416.80	8.29	78.57	81.90	0.00
GenGT SMUD 12	2027	3	496.10	3.85	335.52	4.10	65.81	90.67	0.00
GenGT SMUD 12	2027	4	362.71	2.66	224.63	4.95	45.39	87.75	0.00
GenGT SMUD 12	2027	5	1,636.71	15.41	1,278.69	4.10	263.25	90.67	0.00
GenGT SMUD 12	2027	6	1,691.08	16.03	1,323.61	5.93	273.79	87.75	0.00
GenGT SMUD 12	2027	7	2,294.50	21.97	1,822.50	6.13	375.21	90.67	0.00
GenGT SMUD 12	2027	8	2,279.70	21.52	1,815.26	6.13	367.64	90.67	0.00
GenGT SMUD 12	2027	9	1,881.43	17.19	1,493.22	6.91	293.56	87.75	0.00
GenGT SMUD 12	2027	10	988.02	8.28	748.74	7.14	141.46	90.67	0.00
GenGT SMUD 12	2027	11	1,607.80	13.54	1,282.79	5.93	231.33	87.75	0.00
GenGT SMUD 12	2027	12	1,902.20	15.37	1,539.86	9.18	262.49	90.67	0.00
GenGT SMUD 13	2027		16,884.72	149.85	13,179.28	78.20	2,559.65	1,067.59	0.00
GenGT SMUD 13	2027	1	1,272.44	10.45	994.06	9.18	178.53	90.67	0.00
GenGT SMUD 13	2027	2	549.26	4.28	387.80	6.45	73.11	81.90	0.00
GenGT SMUD 13	2027	3	557.09	4.43	385.65	5.11	75.65	90.67	0.00
GenGT SMUD 13	2027	4	484.65	3.86	326.07	4.95	65.89	87.75	0.00
GenGT SMUD 13	2027	5	1,525.94	14.30	1,186.83	4.10	244.34	90.67	0.00
GenGT SMUD 13	2027	6	1,750.88	16.63	1,373.16	5.93	284.04	87.75	0.00
GenGT SMUD 13	2027	7	2,229.06	21.30	1,767.38	7.14	363.86	90.67	0.00
GenGT SMUD 13	2027	8	2,276.22	21.48	1,811.52	7.14	366.88	90.67	0.00
GenGT SMUD 13	2027	9	1,831.44	16.71	1,452.26	5.93	285.50	87.75	0.00
GenGT SMUD 13	2027	10	985.99	8.28	748.74	5.11	141.46	90.67	0.00
GenGT SMUD 13	2027	11	1,569.47	13.20	1,250.32	5.93	225.47	87.75	0.00
GenGT SMUD 13	2027	12	1,852.29	14.92	1,495.48	11.21	254.93	90.67	0.00
GenGT SMUD 14	2027		16,581.15	147.01	12,927.16	75.22	2,511.19	1,067.59	0.00
GenGT SMUD 14	2027	1	1,191.92	9.74	926.67	8.16	166.42	90.67	0.00
GenGT SMUD 14	2027	2	444.96	3.32	300.82	5.54	56.71	81.90	0.00
GenGT SMUD 14	2027	3	390.00	2.83	246.82	4.10	48.41	90.67	0.00
GenGT SMUD 14	2027	4	462.88	3.64	307.96	4.95	62.23	87.75	0.00
GenGT SMUD 14	2027	5	1,570.24	14.75	1,223.57	4.10	251.90	90.67	0.00
GenGT SMUD 14	2027	6	1,746.61	16.59	1,369.62	5.93	283.31	87.75	0.00
GenGT SMUD 14	2027	7	2,184.75	20.86	1,730.64	7.14	356.29	90.67	0.00
GenGT SMUD 14	2027	8	2,320.12	21.92	1,848.87	6.13	374.45	90.67	0.00
GenGT SMUD 14	2027	9	1,942.83	17.79	1,545.35	5.93	303.81	87.75	0.00
GenGT SMUD 14	2027	10	752.73	6.11	552.55	5.11	104.39	90.67	0.00
GenGT SMUD 14	2027	11	1,685.45	14.23	1,347.75	6.91	243.04	87.75	0.00
GenGT SMUD 14	2027	12	1,888.65	15.23	1,526.55	11.21	260.22	90.67	0.00
GenGT SMUD 15	2027		16,874.05	149.87	13,172.26	74.24	2,559.97	1,067.59	0.00
GenGT SMUD 15	2027	1	1,104.52	8.95	850.85	10.19	152.81	90.67	0.00
GenGT SMUD 15	2027	2	531.11	4.12	373.31	5.54	70.38	81.90	0.00
GenGT SMUD 15	2027	3	477.65	3.68	320.09	4.10	62.79	90.67	0.00
GenGT SMUD 15	2027	4	422.70	3.26	275.35	3.97	55.64	87.75	0.00
GenGT SMUD 15	2027	5	1,565.81	14.70	1,219.90	4.10	251.15	90.67	0.00
GenGT SMUD 15	2027	6	1,746.61	16.59	1,369.62	5.93	283.31	87.75	0.00
GenGT SMUD 15	2027	7	2,290.07	21.92	1,818.82	6.13	374.45	90.67	0.00
GenGT SMUD 15	2027	8	2,342.58	22.14	1,867.55	6.13	378.23	90.67	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 15	2027	9	1,876.98	17.14	1,489.49	6.91	292.82	87.75	0.00
GenGT SMUD 15	2027	10	943.14	7.88	712.71	5.11	134.65	90.67	0.00
GenGT SMUD 15	2027	11	1,737.18	14.70	1,392.40	5.93	251.10	87.75	0.00
GenGT SMUD 15	2027	12	1,835.69	14.79	1,482.17	10.19	252.66	90.67	0.00
GenGT SMUD 16	2027		16,653.24	147.82	12,991.41	69.29	2,524.95	1,067.59	0.00
GenGT SMUD 16	2027	1	1,034.96	8.33	791.88	10.19	142.22	90.67	0.00
GenGT SMUD 16	2027	2	495.74	3.80	344.31	4.62	64.91	81.90	0.00
GenGT SMUD 16	2027	3	378.75	2.75	239.10	2.07	46.90	90.67	0.00
GenGT SMUD 16	2027	4	387.86	2.91	246.36	3.97	49.78	87.75	0.00
GenGT SMUD 16	2027	5	1,543.66	14.48	1,201.52	4.10	247.36	90.67	0.00
GenGT SMUD 16	2027	6	1,746.61	16.59	1,369.62	5.93	283.31	87.75	0.00
GenGT SMUD 16	2027	7	2,290.07	21.92	1,818.82	6.13	374.45	90.67	0.00
GenGT SMUD 16	2027	8	2,342.58	22.14	1,867.55	6.13	378.23	90.67	0.00
GenGT SMUD 16	2027	9	1,942.83	17.79	1,545.35	5.93	303.81	87.75	0.00
GenGT SMUD 16	2027	10	894.53	7.44	672.67	4.10	127.09	90.67	0.00
GenGT SMUD 16	2027	11	1,713.22	14.49	1,372.10	5.93	247.44	87.75	0.00
GenGT SMUD 16	2027	12	1,882.44	15.19	1,522.11	10.19	259.47	90.67	0.00
GenGT SMUD 17	2027		16,300.69	144.47	12,694.82	70.50	2,467.78	1,067.59	0.00
GenGT SMUD 17	2027	1	1,114.46	9.03	859.28	10.19	154.32	90.67	0.00
GenGT SMUD 17	2027	2	356.06	2.52	228.33	2.79	43.05	81.90	0.00
GenGT SMUD 17	2027	3	398.21	2.92	254.53	3.08	49.93	90.67	0.00
GenGT SMUD 17	2027	4	369.46	2.74	231.87	2.98	46.85	87.75	0.00
GenGT SMUD 17	2027	5	1,499.35	14.04	1,164.78	4.10	239.80	90.67	0.00
GenGT SMUD 17	2027	6	1,746.61	16.59	1,369.62	5.93	283.31	87.75	0.00
GenGT SMUD 17	2027	7	2,202.47	21.04	1,745.33	7.14	359.32	90.67	0.00
GenGT SMUD 17	2027	8	2,342.58	22.14	1,867.55	6.13	378.23	90.67	0.00
GenGT SMUD 17	2027	9	1,876.98	17.14	1,489.49	6.91	292.82	87.75	0.00
GenGT SMUD 17	2027	10	890.78	7.40	668.66	5.11	126.33	90.67	0.00
GenGT SMUD 17	2027	11	1,756.34	14.87	1,408.64	5.93	254.03	87.75	0.00
GenGT SMUD 17	2027	12	1,747.39	14.04	1,406.73	10.19	239.80	90.67	0.00
GenGT SMUD 18	2027		16,588.69	147.16	12,940.94	66.41	2,513.75	1,067.59	0.00
GenGT SMUD 18	2027	1	1,203.89	9.83	935.09	10.19	167.93	90.67	0.00
GenGT SMUD 18	2027	2	434.51	3.24	293.57	3.70	55.34	81.90	0.00
GenGT SMUD 18	2027	3	300.33	1.99	173.54	2.07	34.04	90.67	0.00
GenGT SMUD 18	2027	4	420.73	3.26	275.35	2.00	55.64	87.75	0.00
GenGT SMUD 18	2027	5	1,565.81	14.70	1,219.90	4.10	251.15	90.67	0.00
GenGT SMUD 18	2027	6	1,695.35	16.07	1,327.15	5.93	274.52	87.75	0.00
GenGT SMUD 18	2027	7	2,290.07	21.92	1,818.82	6.13	374.45	90.67	0.00
GenGT SMUD 18	2027	8	2,342.58	22.14	1,867.55	6.13	378.23	90.67	0.00
GenGT SMUD 18	2027	9	1,942.83	17.79	1,545.35	5.93	303.81	87.75	0.00
GenGT SMUD 18	2027	10	866.98	7.17	648.64	5.11	122.55	90.67	0.00
GenGT SMUD 18	2027	11	1,607.80	13.54	1,282.79	5.93	231.33	87.75	0.00
GenGT SMUD 18	2027	12	1,917.78	15.50	1,553.17	9.18	264.76	90.67	0.00
GenGT SMUD 19	2027		15,975.36	141.39	12,424.23	68.31	2,415.22	1,067.59	0.00
GenGT SMUD 19	2027	1	1,038.91	8.37	796.09	9.18	142.97	90.67	0.00
GenGT SMUD 19	2027	2	392.36	2.84	257.33	4.62	48.51	81.90	0.00
GenGT SMUD 19	2027	3	328.00	2.26	196.68	2.07	38.58	90.67	0.00
GenGT SMUD 19	2027	4	389.27	2.96	249.99	1.02	50.51	87.75	0.00
GenGT SMUD 19	2027	5	1,478.21	13.82	1,146.41	5.11	236.02	90.67	0.00
GenGT SMUD 19	2027	6	1,683.44	15.94	1,316.46	6.91	272.31	87.75	0.00
GenGT SMUD 19	2027	7	2,224.63	21.26	1,763.71	7.14	363.10	90.67	0.00
GenGT SMUD 19	2027	8	2,275.21	21.48	1,811.52	6.13	366.88	90.67	0.00
GenGT SMUD 19	2027	9	1,942.83	17.79	1,545.35	5.93	303.81	87.75	0.00
GenGT SMUD 19	2027	10	723.15	5.85	528.52	4.10	99.85	90.67	0.00
GenGT SMUD 19	2027	11	1,685.45	14.23	1,347.75	6.91	243.04	87.75	0.00
GenGT SMUD 19	2027	12	1,813.90	14.61	1,464.42	9.18	249.63	90.67	0.00
GenGT SMUD 2	2027		15,921.71	140.94	12,380.04	66.57	2,407.50	1,067.59	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 2	2027	1	1,064.77	8.59	817.15	10.19	146.75	90.67	0.00
GenGT SMUD 2	2027	2	230.22	1.36	123.23	1.87	23.23	81.90	0.00
GenGT SMUD 2	2027	3	398.21	2.92	254.53	3.08	49.93	90.67	0.00
GenGT SMUD 2	2027	4	384.91	2.91	246.36	1.02	49.78	87.75	0.00
GenGT SMUD 2	2027	5	1,445.65	13.50	1,120.25	4.10	230.63	90.67	0.00
GenGT SMUD 2	2027	6	1,703.90	16.16	1,334.23	5.93	275.99	87.75	0.00
GenGT SMUD 2	2027	7	2,252.86	21.55	1,787.96	6.13	368.09	90.67	0.00
GenGT SMUD 2	2027	8	2,252.75	21.26	1,792.85	6.13	363.10	90.67	0.00
GenGT SMUD 2	2027	9	1,876.98	17.14	1,489.49	6.91	292.82	87.75	0.00
GenGT SMUD 2	2027	10	890.78	7.40	668.66	5.11	126.33	90.67	0.00
GenGT SMUD 2	2027	11	1,632.74	13.76	1,303.09	6.91	234.99	87.75	0.00
GenGT SMUD 2	2027	12	1,787.93	14.39	1,442.23	9.18	245.85	90.67	0.00
GenGT SMUD 20	2027		16,217.23	143.48	12,634.13	64.61	2,450.90	1,067.59	0.00
GenGT SMUD 20	2027	1	1,079.68	8.72	829.79	10.19	149.02	90.67	0.00
GenGT SMUD 20	2027	2	230.22	1.36	123.23	1.87	23.23	81.90	0.00
GenGT SMUD 20	2027	3	393.60	2.88	250.67	3.08	49.17	90.67	0.00
GenGT SMUD 20	2027	4	380.56	2.87	242.74	1.02	49.05	87.75	0.00
GenGT SMUD 20	2027	5	1,432.89	13.37	1,109.66	4.10	228.45	90.67	0.00
GenGT SMUD 20	2027	6	1,587.59	15.00	1,238.68	4.95	256.22	87.75	0.00
GenGT SMUD 20	2027	7	2,223.61	21.26	1,763.71	6.13	363.10	90.67	0.00
GenGT SMUD 20	2027	8	2,340.60	22.12	1,865.90	6.13	377.90	90.67	0.00
GenGT SMUD 20	2027	9	1,942.83	17.79	1,545.35	5.93	303.81	87.75	0.00
GenGT SMUD 20	2027	10	790.81	6.47	584.58	5.11	110.44	90.67	0.00
GenGT SMUD 20	2027	11	1,948.99	16.59	1,571.02	6.91	283.31	87.75	0.00
GenGT SMUD 20	2027	12	1,865.84	15.06	1,508.80	9.18	257.20	90.67	0.00
GenGT SMUD 21	2027		15,859.98	140.18	12,333.42	64.54	2,394.43	1,067.59	0.00
GenGT SMUD 21	2027	1	1,099.55	8.90	846.64	10.19	152.05	90.67	0.00
GenGT SMUD 21	2027	2	351.75	2.48	224.71	2.79	42.36	81.90	0.00
GenGT SMUD 21	2027	3	300.33	1.99	173.54	2.07	34.04	90.67	0.00
GenGT SMUD 21	2027	4	248.92	1.59	134.05	0.04	27.09	87.75	0.00
GenGT SMUD 21	2027	5	1,491.50	13.95	1,157.43	5.11	238.29	90.67	0.00
GenGT SMUD 21	2027	6	1,561.07	14.72	1,215.88	5.93	251.51	87.75	0.00
GenGT SMUD 21	2027	7	2,170.30	20.71	1,718.66	7.14	353.83	90.67	0.00
GenGT SMUD 21	2027	8	2,296.14	21.68	1,828.93	6.13	370.41	90.67	0.00
GenGT SMUD 21	2027	9	1,942.83	17.79	1,545.35	5.93	303.81	87.75	0.00
GenGT SMUD 21	2027	10	838.42	6.91	624.62	5.11	118.01	90.67	0.00
GenGT SMUD 21	2027	11	1,876.13	15.94	1,510.12	5.93	272.33	87.75	0.00
GenGT SMUD 21	2027	12	1,683.03	13.51	1,353.48	8.16	230.72	90.67	0.00
GenGT SMUD 25	2027		15,557.28	137.24	12,078.01	67.49	2,344.19	1,067.59	0.00
GenGT SMUD 25	2027	1	929.60	7.40	703.43	9.18	126.33	90.67	0.00
GenGT SMUD 25	2027	2	344.06	2.40	217.46	3.70	41.00	81.90	0.00
GenGT SMUD 25	2027	3	393.60	2.88	250.67	3.08	49.17	90.67	0.00
GenGT SMUD 25	2027	4	244.57	1.54	130.43	0.04	26.35	87.75	0.00
GenGT SMUD 25	2027	5	1,412.55	13.16	1,091.95	5.11	224.81	90.67	0.00
GenGT SMUD 25	2027	6	1,523.78	14.36	1,185.80	4.95	245.28	87.75	0.00
GenGT SMUD 25	2027	7	2,189.67	20.92	1,735.56	6.13	357.31	90.67	0.00
GenGT SMUD 25	2027	8	2,208.22	20.81	1,754.97	7.14	355.43	90.67	0.00
GenGT SMUD 25	2027	9	1,932.54	17.69	1,536.75	5.93	302.11	87.75	0.00
GenGT SMUD 25	2027	10	714.64	5.76	520.52	5.11	98.34	90.67	0.00
GenGT SMUD 25	2027	11	1,901.07	16.16	1,530.42	6.91	275.99	87.75	0.00
GenGT SMUD 25	2027	12	1,762.98	14.17	1,420.05	10.19	242.07	90.67	0.00
GenGT SMUD 26	2027		15,171.07	133.52	11,757.29	65.43	2,280.76	1,067.59	0.00
GenGT SMUD 26	2027	1	1,028.98	8.28	787.67	9.18	141.46	90.67	0.00
GenGT SMUD 26	2027	2	326.82	2.24	202.96	3.70	38.26	81.90	0.00
GenGT SMUD 26	2027	3	388.99	2.83	246.82	3.08	48.41	90.67	0.00
GenGT SMUD 26	2027	4	376.20	2.83	239.12	1.02	48.32	87.75	0.00
GenGT SMUD 26	2027	5	1,279.62	11.83	981.72	5.11	202.11	90.67	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 26	2027	6	1,488.12	14.00	1,156.25	4.95	239.17	87.75	0.00
GenGT SMUD 26	2027	7	2,020.68	19.23	1,595.42	6.13	328.46	90.67	0.00
GenGT SMUD 26	2027	8	2,245.92	21.19	1,787.17	6.13	361.95	90.67	0.00
GenGT SMUD 26	2027	9	1,898.28	17.36	1,508.11	5.93	296.48	87.75	0.00
GenGT SMUD 26	2027	10	666.02	5.31	480.48	4.10	90.78	90.67	0.00
GenGT SMUD 26	2027	11	1,637.54	13.80	1,307.15	6.91	235.72	87.75	0.00
GenGT SMUD 26	2027	12	1,813.90	14.61	1,464.42	9.18	249.63	90.67	0.00
GenGT SMUD 27	2027		15,204.41	133.44	11,792.74	64.71	2,279.37	1,067.59	0.00
GenGT SMUD 27	2027	1	1,014.07	8.15	775.03	9.18	139.19	90.67	0.00
GenGT SMUD 27	2027	2	233.61	1.40	126.85	0.95	23.91	81.90	0.00
GenGT SMUD 27	2027	3	332.62	2.30	200.54	2.07	39.34	90.67	0.00
GenGT SMUD 27	2027	4	284.75	1.93	163.04	1.02	32.94	87.75	0.00
GenGT SMUD 27	2027	5	1,336.42	12.40	1,028.83	5.11	211.81	90.67	0.00
GenGT SMUD 27	2027	6	1,395.39	13.07	1,079.42	4.95	223.28	87.75	0.00
GenGT SMUD 27	2027	7	1,962.73	18.64	1,546.52	7.14	318.39	90.67	0.00
GenGT SMUD 27	2027	8	2,101.92	19.77	1,667.42	6.13	337.70	90.67	0.00
GenGT SMUD 27	2027	9	1,887.36	17.25	1,498.99	5.93	294.69	87.75	0.00
GenGT SMUD 27	2027	10	833.65	6.86	620.62	5.11	117.25	90.67	0.00
GenGT SMUD 27	2027	11	1,877.11	15.94	1,510.12	6.91	272.33	87.75	0.00
GenGT SMUD 27	2027	12	1,944.77	15.72	1,575.36	10.19	268.54	90.67	0.00
GenGT SMUD 28	2027		14,568.82	127.48	11,258.08	65.56	2,177.60	1,067.59	0.00
GenGT SMUD 28	2027	1	989.23	7.93	753.97	9.18	135.41	90.67	0.00
GenGT SMUD 28	2027	2	321.60	2.20	199.34	2.79	37.58	81.90	0.00
GenGT SMUD 28	2027	3	361.31	2.57	223.68	3.08	43.87	90.67	0.00
GenGT SMUD 28	2027	4	244.57	1.54	130.43	0.04	26.35	87.75	0.00
GenGT SMUD 28	2027	5	1,309.29	12.13	1,006.32	5.11	207.18	90.67	0.00
GenGT SMUD 28	2027	6	1,390.35	13.02	1,075.24	4.95	222.41	87.75	0.00
GenGT SMUD 28	2027	7	1,862.05	17.64	1,463.88	6.13	301.37	90.67	0.00
GenGT SMUD 28	2027	8	1,951.12	18.27	1,541.17	7.14	312.13	90.67	0.00
GenGT SMUD 28	2027	9	1,769.06	16.11	1,400.12	5.93	275.25	87.75	0.00
GenGT SMUD 28	2027	10	809.85	6.64	600.60	5.11	113.47	90.67	0.00
GenGT SMUD 28	2027	11	1,824.41	15.47	1,465.47	6.91	264.27	87.75	0.00
GenGT SMUD 28	2027	12	1,735.99	13.95	1,397.86	9.18	238.29	90.67	0.00
GenGT SMUD 3	2027		14,035.64	122.39	10,815.91	61.60	2,090.55	1,067.59	0.00
GenGT SMUD 3	2027	1	1,033.94	8.33	791.88	9.18	142.22	90.67	0.00
GenGT SMUD 3	2027	2	234.53	1.40	126.85	1.87	23.91	81.90	0.00
GenGT SMUD 3	2027	3	208.07	1.11	96.41	2.07	18.91	90.67	0.00
GenGT SMUD 3	2027	4	371.85	2.79	235.50	1.02	47.58	87.75	0.00
GenGT SMUD 3	2027	5	1,170.96	10.76	892.45	4.10	183.73	90.67	0.00
GenGT SMUD 3	2027	6	1,421.02	13.33	1,100.65	4.95	227.67	87.75	0.00
GenGT SMUD 3	2027	7	1,770.02	16.71	1,386.71	7.14	285.49	90.67	0.00
GenGT SMUD 3	2027	8	1,913.46	17.91	1,510.70	6.13	305.96	90.67	0.00
GenGT SMUD 3	2027	9	1,769.19	16.12	1,400.24	5.93	275.28	87.75	0.00
GenGT SMUD 3	2027	10	642.22	5.09	460.46	4.10	86.99	90.67	0.00
GenGT SMUD 3	2027	11	1,660.51	14.01	1,327.45	5.93	239.38	87.75	0.00
GenGT SMUD 3	2027	12	1,839.87	14.84	1,486.61	9.18	253.41	90.67	0.00
GenGT SMUD 30	2027		13,494.85	117.23	10,360.25	64.51	2,002.50	1,067.59	0.00
GenGT SMUD 30	2027	1	1,028.98	8.28	787.67	9.18	141.46	90.67	0.00
GenGT SMUD 30	2027	2	321.60	2.20	199.34	2.79	37.58	81.90	0.00
GenGT SMUD 30	2027	3	231.13	1.33	115.70	2.07	22.69	90.67	0.00
GenGT SMUD 30	2027	4	371.85	2.79	235.50	1.02	47.58	87.75	0.00
GenGT SMUD 30	2027	5	804.02	7.09	588.16	4.10	121.09	90.67	0.00
GenGT SMUD 30	2027	6	1,409.15	13.21	1,090.81	4.95	225.64	87.75	0.00
GenGT SMUD 30	2027	7	1,718.18	16.20	1,343.72	7.14	276.64	90.67	0.00
GenGT SMUD 30	2027	8	1,909.42	17.87	1,507.34	6.13	305.28	90.67	0.00
GenGT SMUD 30	2027	9	1,654.19	15.00	1,303.31	6.91	256.22	87.75	0.00
GenGT SMUD 30	2027	10	833.65	6.86	620.62	5.11	117.25	90.67	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 30	2027	11	1,684.47	14.23	1,347.75	5.93	243.04	87.75	0.00
GenGT SMUD 30	2027	12	1,528.23	12.18	1,220.35	9.18	208.03	90.67	0.00
GenGT SMUD 32	2027		13,316.53	115.30	10,216.84	62.58	1,969.52	1,067.59	0.00
GenGT SMUD 32	2027	1	1,028.98	8.28	787.67	9.18	141.46	90.67	0.00
GenGT SMUD 32	2027	2	200.07	1.08	97.86	1.87	18.45	81.90	0.00
GenGT SMUD 32	2027	3	245.99	1.46	127.27	3.08	24.96	90.67	0.00
GenGT SMUD 32	2027	4	371.85	2.79	235.50	1.02	47.58	87.75	0.00
GenGT SMUD 32	2027	5	751.76	6.57	544.82	4.10	112.17	90.67	0.00
GenGT SMUD 32	2027	6	1,364.73	12.76	1,054.01	4.95	218.02	87.75	0.00
GenGT SMUD 32	2027	7	1,735.51	16.38	1,358.94	6.13	279.77	90.67	0.00
GenGT SMUD 32	2027	8	1,864.45	17.43	1,469.95	6.13	297.71	90.67	0.00
GenGT SMUD 32	2027	9	1,657.53	15.04	1,306.92	5.93	256.93	87.75	0.00
GenGT SMUD 32	2027	10	642.22	5.09	460.46	4.10	86.99	90.67	0.00
GenGT SMUD 32	2027	11	1,613.58	13.59	1,286.85	6.91	232.06	87.75	0.00
GenGT SMUD 32	2027	12	1,839.87	14.84	1,486.61	9.18	253.41	90.67	0.00
GenGT SMUD 33	2027		12,523.83	107.55	9,556.65	62.48	1,837.11	1,067.59	0.00
GenGT SMUD 33	2027	1	898.78	7.13	678.15	8.16	121.79	90.67	0.00
GenGT SMUD 33	2027	2	287.14	1.88	170.34	2.79	32.11	81.90	0.00
GenGT SMUD 33	2027	3	208.07	1.11	96.41	2.07	18.91	90.67	0.00
GenGT SMUD 33	2027	4	350.07	2.57	217.38	1.02	43.92	87.75	0.00
GenGT SMUD 33	2027	5	481.27	3.87	321.35	3.08	66.16	90.67	0.00
GenGT SMUD 33	2027	6	1,194.22	11.05	912.73	4.95	188.80	87.75	0.00
GenGT SMUD 33	2027	7	1,613.17	15.15	1,256.64	7.14	258.71	90.67	0.00
GenGT SMUD 33	2027	8	1,805.75	16.85	1,421.13	6.13	287.82	90.67	0.00
GenGT SMUD 33	2027	9	1,498.28	13.51	1,173.83	5.93	230.77	87.75	0.00
GenGT SMUD 33	2027	10	833.65	6.86	620.62	5.11	117.25	90.67	0.00
GenGT SMUD 33	2027	11	1,607.69	13.53	1,281.86	6.91	231.16	87.75	0.00
GenGT SMUD 33	2027	12	1,745.75	14.03	1,406.20	9.18	239.71	90.67	0.00
GenGT SMUD 34	2027		11,259.06	95.30	8,505.11	58.58	1,627.79	1,067.59	0.00
GenGT SMUD 34	2027	1	948.46	7.57	720.28	8.16	129.36	90.67	0.00
GenGT SMUD 34	2027	2	212.08	1.20	108.73	0.95	20.50	81.90	0.00
GenGT SMUD 34	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 34	2027	4	153.11	0.64	54.35	0.04	10.98	87.75	0.00
GenGT SMUD 34	2027	5	306.44	2.13	176.37	3.08	36.31	90.67	0.00
GenGT SMUD 34	2027	6	1,129.69	10.41	859.25	4.95	177.74	87.75	0.00
GenGT SMUD 34	2027	7	1,469.48	13.72	1,138.33	6.13	234.35	90.67	0.00
GenGT SMUD 34	2027	8	1,664.00	15.45	1,303.25	6.13	263.94	90.67	0.00
GenGT SMUD 34	2027	9	1,326.29	11.85	1,029.28	6.91	202.35	87.75	0.00
GenGT SMUD 34	2027	10	743.21	6.02	544.54	5.11	102.88	90.67	0.00
GenGT SMUD 34	2027	11	1,429.50	11.94	1,130.90	6.91	203.94	87.75	0.00
GenGT SMUD 34	2027	12	1,786.14	14.37	1,439.84	10.19	245.44	90.67	0.00
GenGT SMUD 35	2027		10,911.11	92.00	8,212.41	59.63	1,571.48	1,067.59	0.00
GenGT SMUD 35	2027	1	958.25	7.66	728.57	8.16	130.85	90.67	0.00
GenGT SMUD 35	2027	2	212.08	1.20	108.73	0.95	20.50	81.90	0.00
GenGT SMUD 35	2027	3	146.07	0.53	46.28	0.04	9.08	90.67	0.00
GenGT SMUD 35	2027	4	118.27	0.30	25.36	0.04	5.12	87.75	0.00
GenGT SMUD 35	2027	5	266.56	1.73	143.30	3.08	29.50	90.67	0.00
GenGT SMUD 35	2027	6	1,120.63	10.31	851.75	4.95	176.19	87.75	0.00
GenGT SMUD 35	2027	7	1,456.76	13.58	1,126.94	7.14	232.01	90.67	0.00
GenGT SMUD 35	2027	8	1,600.62	14.83	1,250.55	6.13	253.27	90.67	0.00
GenGT SMUD 35	2027	9	1,248.27	11.11	964.89	5.93	189.69	87.75	0.00
GenGT SMUD 35	2027	10	656.08	5.21	471.26	5.11	89.03	90.67	0.00
GenGT SMUD 35	2027	11	1,407.82	11.74	1,111.70	7.90	200.48	87.75	0.00
GenGT SMUD 35	2027	12	1,719.71	13.80	1,383.08	10.19	235.77	90.67	0.00
GenGT SMUD 36	2027		10,073.15	84.11	7,512.16	56.68	1,436.72	1,067.59	0.00
GenGT SMUD 36	2027	1	875.76	6.92	658.64	8.16	118.29	90.67	0.00
GenGT SMUD 36	2027	2	212.08	1.20	108.73	0.95	20.50	81.90	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 36	2027	3	123.00	0.31	27.00	0.04	5.30	90.67	0.00
GenGT SMUD 36	2027	4	118.27	0.30	25.36	0.04	5.12	87.75	0.00
GenGT SMUD 36	2027	5	226.68	1.33	110.23	3.08	22.69	90.67	0.00
GenGT SMUD 36	2027	6	1,069.63	9.80	809.49	4.95	167.44	87.75	0.00
GenGT SMUD 36	2027	7	1,448.65	13.51	1,121.06	6.13	230.80	90.67	0.00
GenGT SMUD 36	2027	8	1,514.29	13.98	1,178.76	6.13	238.73	90.67	0.00
GenGT SMUD 36	2027	9	1,047.70	9.18	797.28	5.93	156.74	87.75	0.00
GenGT SMUD 36	2027	10	504.91	3.81	344.11	5.11	65.01	90.67	0.00
GenGT SMUD 36	2027	11	1,127.93	9.26	877.07	4.95	158.17	87.75	0.00
GenGT SMUD 36	2027	12	1,804.24	14.51	1,454.44	11.21	247.93	90.67	0.00
GenGT SMUD 37	2027		8,763.82	72.06	6,416.65	48.65	1,230.93	1,067.59	0.00
GenGT SMUD 37	2027	1	686.49	5.26	499.91	6.13	89.78	90.67	0.00
GenGT SMUD 37	2027	2	168.08	0.80	72.49	0.04	13.67	81.90	0.00
GenGT SMUD 37	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 37	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 37	2027	5	221.24	1.28	106.56	2.07	21.94	90.67	0.00
GenGT SMUD 37	2027	6	990.50	9.01	743.92	4.95	153.88	87.75	0.00
GenGT SMUD 37	2027	7	1,338.45	12.40	1,028.83	7.14	211.81	90.67	0.00
GenGT SMUD 37	2027	8	1,459.30	13.42	1,132.18	7.14	229.30	90.67	0.00
GenGT SMUD 37	2027	9	806.07	6.86	596.17	4.95	117.20	87.75	0.00
GenGT SMUD 37	2027	10	376.65	2.64	238.80	2.07	45.12	90.67	0.00
GenGT SMUD 37	2027	11	1,010.97	8.22	778.81	3.97	140.45	87.75	0.00
GenGT SMUD 37	2027	12	1,527.64	12.16	1,218.99	10.19	207.79	90.67	0.00
GenGT SMUD 38	2027		7,752.13	62.81	5,568.18	43.55	1,072.82	1,067.59	0.00
GenGT SMUD 38	2027	1	597.62	4.47	425.43	5.11	76.40	90.67	0.00
GenGT SMUD 38	2027	2	212.08	1.20	108.73	0.95	20.50	81.90	0.00
GenGT SMUD 38	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 38	2027	4	96.49	0.09	7.25	0.04	1.46	87.75	0.00
GenGT SMUD 38	2027	5	175.91	0.84	69.81	1.05	14.37	90.67	0.00
GenGT SMUD 38	2027	6	735.59	6.45	532.70	4.95	110.19	87.75	0.00
GenGT SMUD 38	2027	7	1,329.02	12.32	1,021.85	6.13	210.37	90.67	0.00
GenGT SMUD 38	2027	8	1,427.92	13.12	1,106.94	6.13	224.19	90.67	0.00
GenGT SMUD 38	2027	9	718.39	6.03	523.72	3.97	102.96	87.75	0.00
GenGT SMUD 38	2027	10	314.52	2.06	186.54	2.07	35.24	90.67	0.00
GenGT SMUD 38	2027	11	917.83	7.39	699.90	3.97	126.22	87.75	0.00
GenGT SMUD 38	2027	12	1,136.08	8.84	885.32	9.18	150.92	90.67	0.00
GenGT SMUD 39	2027		6,477.43	51.06	4,499.10	38.53	872.21	1,067.59	0.00
GenGT SMUD 39	2027	1	472.38	3.37	320.12	4.10	57.49	90.67	0.00
GenGT SMUD 39	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 39	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 39	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 39	2027	5	167.05	0.75	62.46	1.05	12.86	90.67	0.00
GenGT SMUD 39	2027	6	595.37	5.04	416.51	4.95	86.16	87.75	0.00
GenGT SMUD 39	2027	7	1,285.69	11.88	985.91	6.13	202.97	90.67	0.00
GenGT SMUD 39	2027	8	1,248.79	11.35	957.13	7.14	193.85	90.67	0.00
GenGT SMUD 39	2027	9	686.25	5.72	496.86	3.97	97.68	87.75	0.00
GenGT SMUD 39	2027	10	278.22	1.73	156.86	1.05	29.64	90.67	0.00
GenGT SMUD 39	2027	11	510.19	3.75	355.37	2.98	64.09	87.75	0.00
GenGT SMUD 39	2027	12	973.17	7.46	747.87	7.14	127.49	90.67	0.00
GenGT SMUD 4	2027		5,240.83	39.63	3,464.85	31.49	676.90	1,067.59	0.00
GenGT SMUD 4	2027	1	398.53	2.72	258.38	3.08	46.40	90.67	0.00
GenGT SMUD 4	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 4	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 4	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 4	2027	5	149.33	0.58	47.77	1.05	9.83	90.67	0.00
GenGT SMUD 4	2027	6	458.05	3.69	304.36	2.98	62.96	87.75	0.00
GenGT SMUD 4	2027	7	1,133.62	10.36	859.81	6.13	177.01	90.67	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 4	2027	8	1,170.42	10.59	892.80	6.13	180.82	90.67	0.00
GenGT SMUD 4	2027	9	470.83	3.65	316.83	3.97	62.29	87.75	0.00
GenGT SMUD 4	2027	10	178.08	0.81	73.49	0.04	13.88	90.67	0.00
GenGT SMUD 4	2027	11	381.75	2.60	246.56	2.98	44.46	87.75	0.00
GenGT SMUD 4	2027	12	639.90	4.64	464.87	5.11	79.24	90.67	0.00
GenGT SMUD 40	2027		4,860.88	36.26	3,144.43	29.52	619.34	1,067.59	0.00
GenGT SMUD 40	2027	1	546.91	4.03	383.30	4.10	68.84	90.67	0.00
GenGT SMUD 40	2027	2	125.01	0.40	36.24	0.04	6.83	81.90	0.00
GenGT SMUD 40	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 40	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 40	2027	5	149.33	0.58	47.77	1.05	9.83	90.67	0.00
GenGT SMUD 40	2027	6	411.84	3.22	266.07	2.98	55.04	87.75	0.00
GenGT SMUD 40	2027	7	1,140.57	10.42	864.73	7.14	178.03	90.67	0.00
GenGT SMUD 40	2027	8	1,184.07	10.72	904.16	6.13	183.12	90.67	0.00
GenGT SMUD 40	2027	9	421.75	3.17	275.81	3.97	54.22	87.75	0.00
GenGT SMUD 40	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 40	2027	11	206.52	1.05	99.76	1.02	17.99	87.75	0.00
GenGT SMUD 40	2027	12	405.78	2.66	266.58	3.08	45.44	90.67	0.00
GenGT SMUD 41	2027		4,408.11	31.87	2,772.68	23.46	544.39	1,067.59	0.00
GenGT SMUD 41	2027	1	546.91	4.03	383.30	4.10	68.84	90.67	0.00
GenGT SMUD 41	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 41	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 41	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 41	2027	5	99.57	0.09	7.35	0.04	1.51	90.67	0.00
GenGT SMUD 41	2027	6	337.48	2.49	205.27	2.00	42.46	87.75	0.00
GenGT SMUD 41	2027	7	1,071.59	9.74	808.37	6.13	166.42	90.67	0.00
GenGT SMUD 41	2027	8	1,136.33	10.25	864.45	6.13	175.08	90.67	0.00
GenGT SMUD 41	2027	9	282.02	1.84	159.86	2.98	31.43	87.75	0.00
GenGT SMUD 41	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 41	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 41	2027	12	495.48	3.43	344.08	2.07	58.65	90.67	0.00
GenGT SMUD 42	2027		3,980.21	28.01	2,410.68	23.46	478.48	1,067.59	0.00
GenGT SMUD 42	2027	1	419.11	2.90	275.82	3.08	49.54	90.67	0.00
GenGT SMUD 42	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 42	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 42	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 42	2027	5	140.47	0.49	40.42	1.05	8.32	90.67	0.00
GenGT SMUD 42	2027	6	334.19	2.44	201.73	2.98	41.73	87.75	0.00
GenGT SMUD 42	2027	7	1,092.94	9.96	826.07	6.13	170.07	90.67	0.00
GenGT SMUD 42	2027	8	1,066.98	9.57	806.78	6.13	163.40	90.67	0.00
GenGT SMUD 42	2027	9	141.99	0.50	43.66	2.00	8.58	87.75	0.00
GenGT SMUD 42	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 42	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 42	2027	12	345.80	2.16	216.20	2.07	36.85	90.67	0.00
GenGT SMUD 43	2027		3,583.30	24.22	2,082.57	19.49	413.66	1,067.59	0.00
GenGT SMUD 43	2027	1	446.53	3.14	299.06	3.08	53.71	90.67	0.00
GenGT SMUD 43	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 43	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 43	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 43	2027	5	122.74	0.31	25.72	1.05	5.30	90.67	0.00
GenGT SMUD 43	2027	6	281.95	1.93	159.26	2.00	32.94	87.75	0.00
GenGT SMUD 43	2027	7	996.09	8.99	745.75	6.13	153.53	90.67	0.00
GenGT SMUD 43	2027	8	945.04	8.36	705.38	6.13	142.86	90.67	0.00
GenGT SMUD 43	2027	9	96.70	0.09	7.45	0.04	1.46	87.75	0.00
GenGT SMUD 43	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 43	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 43	2027	12	255.53	1.40	139.95	1.05	23.86	90.67	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 44	2027		3,296.36	21.58	1,842.71	17.46	368.60	1,067.59	0.00
GenGT SMUD 44	2027	1	304.82	1.89	179.79	2.07	32.29	90.67	0.00
GenGT SMUD 44	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 44	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 44	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 44	2027	5	99.57	0.09	7.35	0.04	1.51	90.67	0.00
GenGT SMUD 44	2027	6	239.24	1.50	123.87	2.00	25.62	87.75	0.00
GenGT SMUD 44	2027	7	966.04	8.69	720.84	6.13	148.40	90.67	0.00
GenGT SMUD 44	2027	8	936.30	8.27	697.27	7.14	141.22	90.67	0.00
GenGT SMUD 44	2027	9	96.70	0.09	7.45	0.04	1.46	87.75	0.00
GenGT SMUD 44	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 44	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 44	2027	12	214.95	1.06	106.15	0.04	18.09	90.67	0.00
GenGT SMUD 45	2027		2,845.97	17.41	1,466.68	14.34	297.36	1,067.59	0.00
GenGT SMUD 45	2027	1	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 45	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 45	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 45	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 45	2027	5	99.57	0.09	7.35	0.04	1.51	90.67	0.00
GenGT SMUD 45	2027	6	187.99	0.99	81.40	2.00	16.84	87.75	0.00
GenGT SMUD 45	2027	7	903.22	8.06	668.74	6.13	137.68	90.67	0.00
GenGT SMUD 45	2027	8	863.47	7.56	637.54	6.13	129.12	90.67	0.00
GenGT SMUD 45	2027	9	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 45	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 45	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 45	2027	12	174.58	0.72	71.65	0.04	12.21	90.67	0.00
GenGT SMUD 46	2027		2,725.94	16.33	1,365.07	14.30	278.98	1,067.59	0.00
GenGT SMUD 46	2027	1	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 46	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 46	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 46	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 46	2027	5	99.57	0.09	7.35	0.04	1.51	90.67	0.00
GenGT SMUD 46	2027	6	183.71	0.94	77.86	2.00	16.11	87.75	0.00
GenGT SMUD 46	2027	7	874.15	7.77	644.64	6.13	132.71	90.67	0.00
GenGT SMUD 46	2027	8	860.68	7.53	635.23	6.13	128.65	90.67	0.00
GenGT SMUD 46	2027	9	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 46	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 46	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 46	2027	12	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 5	2027		2,580.40	14.89	1,244.14	14.30	254.37	1,067.59	0.00
GenGT SMUD 5	2027	1	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 5	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 5	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 5	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 5	2027	5	95.14	0.04	3.67	0.04	0.76	90.67	0.00
GenGT SMUD 5	2027	6	179.44	0.90	74.32	2.00	15.37	87.75	0.00
GenGT SMUD 5	2027	7	838.84	7.42	615.36	6.13	126.69	90.67	0.00
GenGT SMUD 5	2027	8	759.14	6.53	550.79	6.13	111.55	90.67	0.00
GenGT SMUD 5	2027	9	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 5	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 5	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 5	2027	12	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 6	2027		2,406.54	13.17	1,099.81	14.26	224.88	1,067.59	0.00
GenGT SMUD 6	2027	1	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 6	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 6	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 6	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
GenGT SMUD 6	2027	5	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 6	2027	6	175.17	0.86	70.78	2.00	14.64	87.75	0.00
GenGT SMUD 6	2027	7	756.79	6.60	547.31	6.13	112.68	90.67	0.00
GenGT SMUD 6	2027	8	676.08	5.71	481.72	6.13	97.56	90.67	0.00
GenGT SMUD 6	2027	9	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 6	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 6	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 6	2027	12	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 7	2027		2,195.55	11.10	927.17	11.25	189.54	1,067.59	0.00
GenGT SMUD 7	2027	1	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 7	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 7	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 7	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 7	2027	5	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 7	2027	6	165.65	0.77	63.70	1.02	13.18	87.75	0.00
GenGT SMUD 7	2027	7	632.48	5.36	445.07	5.11	91.63	90.67	0.00
GenGT SMUD 7	2027	8	598.92	4.96	418.40	5.11	84.74	90.67	0.00
GenGT SMUD 7	2027	9	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 7	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 7	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 7	2027	12	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 8	2027		2,002.78	9.20	767.89	10.23	157.06	1,067.59	0.00
GenGT SMUD 8	2027	1	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 8	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 8	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 8	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 8	2027	5	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 8	2027	6	165.65	0.77	63.70	1.02	13.18	87.75	0.00
GenGT SMUD 8	2027	7	553.45	4.57	379.53	5.11	78.14	90.67	0.00
GenGT SMUD 8	2027	8	485.18	3.85	324.65	4.10	65.75	90.67	0.00
GenGT SMUD 8	2027	9	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 8	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 8	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 8	2027	12	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 9	2027		1,844.41	7.62	636.41	10.23	130.18	1,067.59	0.00
GenGT SMUD 9	2027	1	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 9	2027	2	81.90	0.00	0.00	0.00	0.00	81.90	0.00
GenGT SMUD 9	2027	3	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 9	2027	4	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 9	2027	5	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 9	2027	6	161.38	0.73	60.16	1.02	12.45	87.75	0.00
GenGT SMUD 9	2027	7	464.66	3.69	305.90	5.11	62.98	90.67	0.00
GenGT SMUD 9	2027	8	419.87	3.21	270.35	4.10	54.75	90.67	0.00
GenGT SMUD 9	2027	9	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 9	2027	10	90.67	0.00	0.00	0.00	0.00	90.67	0.00
GenGT SMUD 9	2027	11	87.75	0.00	0.00	0.00	0.00	87.75	0.00
GenGT SMUD 9	2027	12	90.67	0.00	0.00	0.00	0.00	90.67	0.00
Jaybird	2027		5,161.37	532.10	5,161.37	0.00	0.00	0.00	0.00
Jaybird	2027	1	340.47	35.10	340.47	0.00	0.00	0.00	0.00
Jaybird	2027	2	381.21	39.30	381.21	0.00	0.00	0.00	0.00
Jaybird	2027	3	508.28	52.40	508.28	0.00	0.00	0.00	0.00
Jaybird	2027	4	441.35	45.50	441.35	0.00	0.00	0.00	0.00
Jaybird	2027	5	485.00	50.00	485.00	0.00	0.00	0.00	0.00
Jaybird	2027	6	479.18	49.40	479.18	0.00	0.00	0.00	0.00
Jaybird	2027	7	498.58	51.40	498.58	0.00	0.00	0.00	0.00
Jaybird	2027	8	578.12	59.60	578.12	0.00	0.00	0.00	0.00
Jaybird	2027	9	520.89	53.70	520.89	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Jaybird	2027	10	284.21	29.30	284.21	0.00	0.00	0.00	0.00
Jaybird	2027	11	274.51	28.30	274.51	0.00	0.00	0.00	0.00
Jaybird	2027	12	369.57	38.10	369.57	0.00	0.00	0.00	0.00
Jones Fork	2027		210.49	21.70	210.49	0.00	0.00	0.00	0.00
Jones Fork	2027	1	14.55	1.50	14.55	0.00	0.00	0.00	0.00
Jones Fork	2027	2	16.49	1.70	16.49	0.00	0.00	0.00	0.00
Jones Fork	2027	3	21.34	2.20	21.34	0.00	0.00	0.00	0.00
Jones Fork	2027	4	20.37	2.10	20.37	0.00	0.00	0.00	0.00
Jones Fork	2027	5	21.34	2.20	21.34	0.00	0.00	0.00	0.00
Jones Fork	2027	6	25.22	2.60	25.22	0.00	0.00	0.00	0.00
Jones Fork	2027	7	16.49	1.70	16.49	0.00	0.00	0.00	0.00
Jones Fork	2027	8	18.43	1.90	18.43	0.00	0.00	0.00	0.00
Jones Fork	2027	9	20.37	2.10	20.37	0.00	0.00	0.00	0.00
Jones Fork	2027	10	16.49	1.70	16.49	0.00	0.00	0.00	0.00
Jones Fork	2027	11	6.79	0.70	6.79	0.00	0.00	0.00	0.00
Jones Fork	2027	12	12.61	1.30	12.61	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kiefer Landfil 1	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klamath Falls 1	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KlamathFalls2_Su	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loon Lake	2027		942.84	97.20	942.84	0.00	0.00	0.00	0.00
Loon Lake	2027	1	50.44	5.20	50.44	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
MorganStanley2_S	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MorganStanley2_S	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peaker SMUD 1	2027		14,049.58	32.74	2,732.50	82.00	559.19	10,675.89	0.00
Peaker SMUD 1	2027	1	906.72	0.00	0.00	0.00	0.00	906.72	0.00
Peaker SMUD 1	2027	2	818.97	0.00	0.00	0.00	0.00	818.97	0.00
Peaker SMUD 1	2027	3	906.72	0.00	0.00	0.00	0.00	906.72	0.00
Peaker SMUD 1	2027	4	877.47	0.00	0.00	0.00	0.00	877.47	0.00
Peaker SMUD 1	2027	5	906.72	0.00	0.00	0.00	0.00	906.72	0.00
Peaker SMUD 1	2027	6	1,002.95	1.16	95.55	10.16	19.77	877.47	0.00
Peaker SMUD 1	2027	7	2,873.84	19.34	1,604.86	31.86	330.40	906.72	0.00
Peaker SMUD 1	2027	8	2,187.81	12.24	1,032.08	39.98	209.03	906.72	0.00
Peaker SMUD 1	2027	9	877.47	0.00	0.00	0.00	0.00	877.47	0.00
Peaker SMUD 1	2027	10	906.72	0.00	0.00	0.00	0.00	906.72	0.00
Peaker SMUD 1	2027	11	877.47	0.00	0.00	0.00	0.00	877.47	0.00
Peaker SMUD 1	2027	12	906.72	0.00	0.00	0.00	0.00	906.72	0.00
Peaker SMUD 2	2027		10,181.24	5.52	459.79	18.94	94.21	9,608.30	0.00
Peaker SMUD 2	2027	1	816.05	0.00	0.00	0.00	0.00	816.05	0.00
Peaker SMUD 2	2027	2	737.08	0.00	0.00	0.00	0.00	737.08	0.00
Peaker SMUD 2	2027	3	816.05	0.00	0.00	0.00	0.00	816.05	0.00
Peaker SMUD 2	2027	4	789.72	0.00	0.00	0.00	0.00	789.72	0.00
Peaker SMUD 2	2027	5	816.05	0.00	0.00	0.00	0.00	816.05	0.00
Peaker SMUD 2	2027	6	789.72	0.00	0.00	0.00	0.00	789.72	0.00
Peaker SMUD 2	2027	7	1,217.80	3.92	325.33	9.45	66.98	816.05	0.00
Peaker SMUD 2	2027	8	987.23	1.59	134.46	9.49	27.23	816.05	0.00
Peaker SMUD 2	2027	9	789.72	0.00	0.00	0.00	0.00	789.72	0.00
Peaker SMUD 2	2027	10	816.05	0.00	0.00	0.00	0.00	816.05	0.00
Peaker SMUD 2	2027	11	789.72	0.00	0.00	0.00	0.00	789.72	0.00
Peaker SMUD 2	2027	12	816.05	0.00	0.00	0.00	0.00	816.05	0.00
Peaker SMUD 3	2027		7,566.44	0.93	77.16	0.27	15.89	7,473.12	0.00
Peaker SMUD 3	2027	1	634.70	0.00	0.00	0.00	0.00	634.70	0.00
Peaker SMUD 3	2027	2	573.28	0.00	0.00	0.00	0.00	573.28	0.00
Peaker SMUD 3	2027	3	634.70	0.00	0.00	0.00	0.00	634.70	0.00
Peaker SMUD 3	2027	4	614.23	0.00	0.00	0.00	0.00	614.23	0.00
Peaker SMUD 3	2027	5	634.70	0.00	0.00	0.00	0.00	634.70	0.00
Peaker SMUD 3	2027	6	614.23	0.00	0.00	0.00	0.00	614.23	0.00
Peaker SMUD 3	2027	7	728.02	0.93	77.16	0.27	15.89	634.70	0.00
Peaker SMUD 3	2027	8	634.70	0.00	0.00	0.00	0.00	634.70	0.00
Peaker SMUD 3	2027	9	614.23	0.00	0.00	0.00	0.00	614.23	0.00
Peaker SMUD 3	2027	10	634.70	0.00	0.00	0.00	0.00	634.70	0.00
Peaker SMUD 3	2027	11	614.23	0.00	0.00	0.00	0.00	614.23	0.00
Peaker SMUD 3	2027	12	634.70	0.00	0.00	0.00	0.00	634.70	0.00
Peaker SMUD 4	2027		6,414.43	0.09	7.35	0.04	1.51	6,405.53	0.00
Peaker SMUD 4	2027	1	544.03	0.00	0.00	0.00	0.00	544.03	0.00
Peaker SMUD 4	2027	2	491.38	0.00	0.00	0.00	0.00	491.38	0.00
Peaker SMUD 4	2027	3	544.03	0.00	0.00	0.00	0.00	544.03	0.00
Peaker SMUD 4	2027	4	526.48	0.00	0.00	0.00	0.00	526.48	0.00
Peaker SMUD 4	2027	5	544.03	0.00	0.00	0.00	0.00	544.03	0.00
Peaker SMUD 4	2027	6	526.48	0.00	0.00	0.00	0.00	526.48	0.00
Peaker SMUD 4	2027	7	552.93	0.09	7.35	0.04	1.51	544.03	0.00
Peaker SMUD 4	2027	8	544.03	0.00	0.00	0.00	0.00	544.03	0.00
Peaker SMUD 4	2027	9	526.48	0.00	0.00	0.00	0.00	526.48	0.00
Peaker SMUD 4	2027	10	544.03	0.00	0.00	0.00	0.00	544.03	0.00
Peaker SMUD 4	2027	11	526.48	0.00	0.00	0.00	0.00	526.48	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
PPMenergy4_Wind	2027	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMenergy4_Wind	2027	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMenergy4_Wind	2027	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMenergy4_Wind	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMenergy4_Wind	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMenergy4_Wind	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMenergy4_Wind	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMenergy4_Wind	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPMenergy4_Wind	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Procter & G GT 1	2027		13,653.53	139.00	11,903.63	250.25	1,112.25	387.29	0.10
Procter & G GT 1	2027	1	997.74	9.39	870.08	19.61	75.15	32.89	0.01
Procter & G GT 1	2027	2	29.71	0.00	0.00	0.00	0.00	29.71	0.00
Procter & G GT 1	2027	3	599.72	6.04	512.35	6.14	48.34	32.89	0.00
Procter & G GT 1	2027	4	236.47	2.26	186.32	0.21	18.11	31.83	0.00
Procter & G GT 1	2027	5	1,208.92	12.99	1,049.37	22.74	103.91	32.89	0.01
Procter & G GT 1	2027	6	1,487.29	16.15	1,298.90	27.32	129.22	31.83	0.01
Procter & G GT 1	2027	7	1,814.82	19.68	1,590.43	34.00	157.48	32.89	0.01
Procter & G GT 1	2027	8	1,852.90	19.81	1,626.96	34.56	158.48	32.89	0.01
Procter & G GT 1	2027	9	1,597.13	16.53	1,398.59	34.45	132.24	31.83	0.01
Procter & G GT 1	2027	10	854.06	8.35	735.67	18.64	66.85	32.89	0.01
Procter & G GT 1	2027	11	1,531.64	14.71	1,356.98	25.12	117.70	31.83	0.01
Procter & G GT 1	2027	12	1,443.14	13.09	1,278.00	27.46	104.78	32.89	0.01
Robbs Peak	2027		476.27	49.10	476.27	0.00	0.00	0.00	0.00
Robbs Peak	2027	1	34.92	3.60	34.92	0.00	0.00	0.00	0.00
Robbs Peak	2027	2	52.38	5.40	52.38	0.00	0.00	0.00	0.00
Robbs Peak	2027	3	64.99	6.70	64.99	0.00	0.00	0.00	0.00
Robbs Peak	2027	4	69.84	7.20	69.84	0.00	0.00	0.00	0.00
Robbs Peak	2027	5	69.84	7.20	69.84	0.00	0.00	0.00	0.00
Robbs Peak	2027	6	54.32	5.60	54.32	0.00	0.00	0.00	0.00
Robbs Peak	2027	7	36.86	3.80	36.86	0.00	0.00	0.00	0.00
Robbs Peak	2027	8	31.04	3.20	31.04	0.00	0.00	0.00	0.00
Robbs Peak	2027	9	14.55	1.50	14.55	0.00	0.00	0.00	0.00
Robbs Peak	2027	10	12.61	1.30	12.61	0.00	0.00	0.00	0.00
Robbs Peak	2027	11	10.67	1.10	10.67	0.00	0.00	0.00	0.00
Robbs Peak	2027	12	24.25	2.50	24.25	0.00	0.00	0.00	0.00
SCA P&G Cogen 1	2027		60,890.28	718.86	55,886.25	9.25	-2,243.36	7,237.67	0.47
SCA P&G Cogen 1	2027	1	5,019.61	54.67	4,574.63	0.84	-170.60	614.71	0.04
SCA P&G Cogen 1	2027	2	4,316.22	49.09	3,913.44	0.73	-153.20	555.22	0.03
SCA P&G Cogen 1	2027	3	4,825.41	57.28	4,388.65	0.77	-178.76	614.71	0.04
SCA P&G Cogen 1	2027	4	4,217.23	50.83	3,780.20	0.73	-158.61	594.88	0.03
SCA P&G Cogen 1	2027	5	5,056.54	63.56	4,639.39	0.74	-198.34	614.71	0.04
SCA P&G Cogen 1	2027	6	4,872.22	61.51	4,468.53	0.71	-191.94	594.88	0.04
SCA P&G Cogen 1	2027	7	5,261.27	66.49	4,853.27	0.74	-207.48	614.71	0.04
SCA P&G Cogen 1	2027	8	5,653.88	70.88	5,259.57	0.75	-221.20	614.71	0.05
SCA P&G Cogen 1	2027	9	5,547.20	67.53	5,162.28	0.75	-210.74	594.88	0.04
SCA P&G Cogen 1	2027	10	4,848.10	55.38	4,405.39	0.80	-172.83	614.71	0.04
SCA P&G Cogen 1	2027	11	5,326.64	58.98	4,914.96	0.81	-184.05	594.88	0.04
SCA P&G Cogen 1	2027	12	5,945.97	62.68	5,525.94	0.89	-195.61	614.71	0.04
Slab Creek	2027		12.76	1.32	12.76	0.00	0.00	0.00	0.00
Slab Creek	2027	1	0.72	0.07	0.72	0.00	0.00	0.00	0.00
Slab Creek	2027	2	0.65	0.07	0.65	0.00	0.00	0.00	0.00
Slab Creek	2027	3	0.72	0.07	0.72	0.00	0.00	0.00	0.00
Slab Creek	2027	4	0.70	0.07	0.70	0.00	0.00	0.00	0.00
Slab Creek	2027	5	0.72	0.07	0.72	0.00	0.00	0.00	0.00
Slab Creek	2027	6	1.40	0.14	1.40	0.00	0.00	0.00	0.00
Slab Creek	2027	7	1.44	0.15	1.44	0.00	0.00	0.00	0.00
Slab Creek	2027	8	1.44	0.15	1.44	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Slab Creek	2027	9	1.40	0.14	1.40	0.00	0.00	0.00	0.00
Slab Creek	2027	10	1.44	0.15	1.44	0.00	0.00	0.00	0.00
Slab Creek	2027	11	1.40	0.14	1.40	0.00	0.00	0.00	0.00
Slab Creek	2027	12	0.72	0.07	0.72	0.00	0.00	0.00	0.00
SMUD PV 1	2027		296.65	70.04	0.00	0.00	142.76	153.90	0.00
SMUD PV 1	2027	1	13.40	0.16	0.00	0.00	0.33	13.07	0.00
SMUD PV 1	2027	2	13.13	0.65	0.00	0.00	1.32	11.81	0.00
SMUD PV 1	2027	3	17.90	2.37	0.00	0.00	4.83	13.07	0.00
SMUD PV 1	2027	4	22.53	4.85	0.00	0.00	9.88	12.65	0.00
SMUD PV 1	2027	5	26.74	6.71	0.00	0.00	13.67	13.07	0.00
SMUD PV 1	2027	6	40.75	13.79	0.00	0.00	28.10	12.65	0.00
SMUD PV 1	2027	7	40.82	13.62	0.00	0.00	27.75	13.07	0.00
SMUD PV 1	2027	8	39.13	12.78	0.00	0.00	26.06	13.07	0.00
SMUD PV 1	2027	9	35.49	11.21	0.00	0.00	22.85	12.65	0.00
SMUD PV 1	2027	10	19.04	2.93	0.00	0.00	5.97	13.07	0.00
SMUD PV 1	2027	11	14.29	0.80	0.00	0.00	1.64	12.65	0.00
SMUD PV 1	2027	12	13.42	0.17	0.00	0.00	0.35	13.07	0.00
SMUD Solano Wi 2	2027		1,122.50	286.05	0.00	0.00	0.00	1,122.50	0.00
SMUD Solano Wi 2	2027	1	95.34	2.49	0.00	0.00	0.00	95.34	0.00
SMUD Solano Wi 2	2027	2	86.11	3.69	0.00	0.00	0.00	86.11	0.00
SMUD Solano Wi 2	2027	3	95.34	15.02	0.00	0.00	0.00	95.34	0.00
SMUD Solano Wi 2	2027	4	92.26	21.35	0.00	0.00	0.00	92.26	0.00
SMUD Solano Wi 2	2027	5	95.34	32.80	0.00	0.00	0.00	95.34	0.00
SMUD Solano Wi 2	2027	6	92.26	47.65	0.00	0.00	0.00	92.26	0.00
SMUD Solano Wi 2	2027	7	95.34	47.95	0.00	0.00	0.00	95.34	0.00
SMUD Solano Wi 2	2027	8	95.34	46.41	0.00	0.00	0.00	95.34	0.00
SMUD Solano Wi 2	2027	9	92.26	35.23	0.00	0.00	0.00	92.26	0.00
SMUD Solano Wi 2	2027	10	95.34	21.06	0.00	0.00	0.00	95.34	0.00
SMUD Solano Wi 2	2027	11	92.26	6.39	0.00	0.00	0.00	92.26	0.00
SMUD Solano Wi 2	2027	12	95.34	6.00	0.00	0.00	0.00	95.34	0.00
Snohomish	2027		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Snohomish	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPA Campbell C 1	2027		87,963.78	1,149.98	83,479.49	7.51	-1,725.36	6,201.43	0.71
SPA Campbell C 1	2027	1	7,342.64	88.95	6,948.65	0.69	-133.45	526.70	0.05
SPA Campbell C 1	2027	2	5,822.59	73.31	5,456.23	0.59	-110.00	475.73	0.05
SPA Campbell C 1	2027	3	6,784.48	89.35	6,391.16	0.63	-134.06	526.70	0.05
SPA Campbell C 1	2027	4	6,159.14	83.15	5,773.54	0.59	-124.75	509.71	0.05
SPA Campbell C 1	2027	5	7,452.20	103.90	7,080.73	0.60	-155.89	526.70	0.06
SPA Campbell C 1	2027	6	7,129.42	99.80	6,768.81	0.58	-149.73	509.71	0.06
SPA Campbell C 1	2027	7	7,525.10	104.99	7,155.27	0.60	-157.53	526.70	0.06
SPA Campbell C 1	2027	8	7,907.48	108.89	7,543.49	0.61	-163.38	526.70	0.07
SPA Campbell C 1	2027	9	7,951.85	106.51	7,601.27	0.61	-159.80	509.71	0.07
SPA Campbell C 1	2027	10	7,525.42	96.18	7,142.31	0.65	-144.30	526.70	0.06
SPA Campbell C 1	2027	11	7,741.26	94.77	7,373.02	0.66	-142.18	509.71	0.06
SPA Campbell C 1	2027	12	8,622.21	100.18	8,245.03	0.72	-150.30	526.70	0.06
Union Valley	2027		1,147.51	118.30	1,147.51	0.00	0.00	0.00	0.00

SMUD Only Cost and Generation by Month and Year

Station	Year	Month	TotalCost	Generation	Fuel_cost	Start_cost	VOM	FOM	SO2
Union Valley	2027	1	60.14	6.20	60.14	0.00	0.00	0.00	0.00
Union Valley	2027	2	72.75	7.50	72.75	0.00	0.00	0.00	0.00
Union Valley	2027	3	100.88	10.40	100.88	0.00	0.00	0.00	0.00
Union Valley	2027	4	95.06	9.80	95.06	0.00	0.00	0.00	0.00
Union Valley	2027	5	122.22	12.60	122.22	0.00	0.00	0.00	0.00
Union Valley	2027	6	126.10	13.00	126.10	0.00	0.00	0.00	0.00
Union Valley	2027	7	126.10	13.00	126.10	0.00	0.00	0.00	0.00
Union Valley	2027	8	145.50	15.00	145.50	0.00	0.00	0.00	0.00
Union Valley	2027	9	124.16	12.80	124.16	0.00	0.00	0.00	0.00
Union Valley	2027	10	47.53	4.90	47.53	0.00	0.00	0.00	0.00
Union Valley	2027	11	53.35	5.50	53.35	0.00	0.00	0.00	0.00
Union Valley	2027	12	73.72	7.60	73.72	0.00	0.00	0.00	0.00
WAPA 1	2027		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 1	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WAPA 2	2027	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White Rock	2027		5,290.38	545.40	5,290.38	0.00	0.00	0.00	0.00
White Rock	2027	1	416.13	42.90	416.13	0.00	0.00	0.00	0.00
White Rock	2027	2	454.93	46.90	454.93	0.00	0.00	0.00	0.00
White Rock	2027	3	668.33	68.90	668.33	0.00	0.00	0.00	0.00
White Rock	2027	4	695.49	71.70	695.49	0.00	0.00	0.00	0.00
White Rock	2027	5	802.19	82.70	802.19	0.00	0.00	0.00	0.00
White Rock	2027	6	605.28	62.40	605.28	0.00	0.00	0.00	0.00
White Rock	2027	7	397.70	41.00	397.70	0.00	0.00	0.00	0.00
White Rock	2027	8	336.59	34.70	336.59	0.00	0.00	0.00	0.00
White Rock	2027	9	294.88	30.40	294.88	0.00	0.00	0.00	0.00
White Rock	2027	10	165.87	17.10	165.87	0.00	0.00	0.00	0.00
White Rock	2027	11	167.81	17.30	167.81	0.00	0.00	0.00	0.00
White Rock	2027	12	285.18	29.40	285.18	0.00	0.00	0.00	0.00