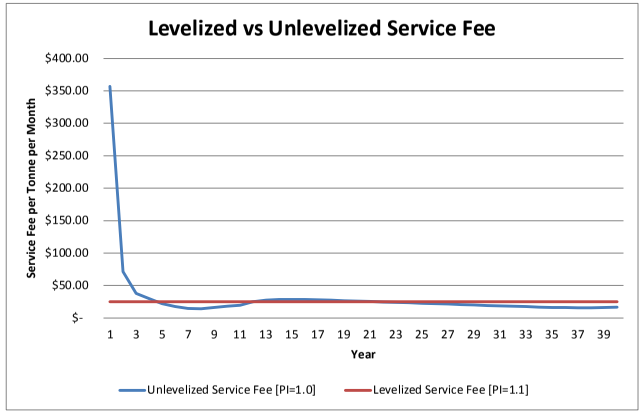
Geothermal
Revenue and Revenue Requirement

Line No.	Col. 1 Description	Col. 2 Year 1	Col. 3 Year 2	Col. 4 Year 3	Col. 5 Year 4	Col. 6 Year 5	Col. 7 Year 6	Col. 8 Year 7	Col. 9 Year 8	Col. 10 Year 9	Col. 11 Year 10	Col. 12 Year 11	Col. 13 Year 12	Col. 14 Year 13	Col. 15 Year 14
1	Number of Customers	170	300	430	740	1,220	2,240	3,220	3,220	3,220	3,220				
2	Number of Cumulative Customers [50% Effective]	85	320	685	1,270	2,250	3,980	6,710	9,930	13,150	16,370	17,980	17,980	17,980	17,980
3	Number of Tonnes per Customer	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	Total Number of Tonnes	340	1,280	2,740	5,080	9,000	15,920	26,840	39,720	52,600	65,480	71,920	71,920	71,920	71,920
5	Capital	2,702,492	4,339,017	6,140,834	10,002,812	16,355,698	29,384,945	42,055,686	42,055,686	42,055,686	42,055,686				
6	**Rate Base**														
7	Balance, beginning	0	2,665,974	6,866,157	12,706,529	22,161,880	37,570,419	65,321,071	104,652,067	142,630,344	179,206,764	214,381,329	206,637,828	198,732,877	190,827,926
8	+ Additions	2,702,492	4,339,017	6,140,834	10,002,812	16,355,698	29,384,945	42,055,686	42,055,686	42,055,686	42,055,686				
9	+ Working Capital Additions	8,524	23,566	36,602	58,664	98,274	173,484	273,764	322,902	322,902	322,902	161,451	0	0	0
10	- Depreciation	(45,042)	(162,400)	(337,064)	(606,125)	(1,045,433)	(1,807,778)	(2,998,455)	(4,400,311)	(5,802,167)	(7,204,023)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)
11	Balance, ending	2,665,974	6,866,157	12,706,529	22,161,880	37,570,419	65,321,071	104,652,067	142,630,344	179,206,764	214,381,329	206,637,828	198,732,877	190,827,926	182,922,974
12	Average Rate Base	1,332,987	4,766,066	9,786,343	17,434,204	29,866,149	51,445,745	84,986,569	123,641,205	160,918,554	196,794,047	210,509,579	202,685,353	194,780,401	186,875,450
13	**Revenue Requirement**														
14	Return on Rate Base	82,714	295,741	607,257	1,081,817	1,853,238	3,192,283	5,273,539	7,672,115	9,985,228	12,211,354	13,062,422	12,576,918	12,086,404	11,595,891
15	O&M	1,537,880	1,270,689	1,370,840	1,822,089	2,169,696	2,887,015	3,640,951	3,832,665	4,019,479	4,206,293	1,430,529	1,414,429	1,414,429	1,414,429
16	Municipal Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Deprecation	45,042	162,400	337,064	606,125	1,045,433	1,807,778	2,998,455	4,400,311	5,802,167	7,204,023	7,904,951	7,904,951	7,904,951	7,904,951
18	Taxes	(209,419)	(635,210)	(1,074,910)	(1,675,123)	(2,677,364)	(4,534,591)	(7,200,034)	(9,115,638)	(9,608,222)	(9,397,740)	(5,581,352)	(212,198)	2,425,110	3,696,972
19	Revenue Requirement	1,456,216	1,093,620	1,240,251	1,834,909	2,391,003	3,352,484	4,712,910	6,789,453	10,198,652	14,223,931	16,816,551	21,684,100	23,830,894	24,612,243
20	**Revenue**														
21	Revenue per Tonne per Month	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07
22	Geothermal Revenue	102,286	385,075	824,302	1,528,267	2,707,560	4,789,373	8,074,546	11,949,365	15,824,184	19,699,003	21,636,413	21,636,413	21,636,413	21,636,413
23	**Sufficiency / (Deficiency)**	**(1,353,931)**	**(708,545)**	**(415,950)**	**(306,642)**	**316,557**	**1,436,889**	**3,361,636**	**5,159,912**	**5,625,532**	**5,475,073**	**4,819,862**	**(47,688)**	**(2,194,482)**	**(2,975,830)**
	ONLY GES Program customers responsible for all costs in all years [no annual sufficiency / (Deficiency)]														
24	Revenue Requirement	1,456,216	1,093,620	1,240,251	1,834,909	2,391,003	3,352,484	4,712,910	6,789,453	10,198,652	14,223,931	16,816,551	21,684,100	23,830,894	24,612,243
25	Revenue per Tonne per Month	$ 356.92	$ 71.20	$ 37.72	$ 30.10	$ 22.14	$ 17.55	$ 14.63	$ 14.24	$ 16.16	$ 18.10	$ 19.49	$ 25.13	$ 27.61	$ 28.52



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14
Unlevelized Service Fee [PI=1.0]	$ 356.92	$ 71.20	$ 37.72	$ 30.10	$ 22.14	$ 17.55	$ 14.63	$ 14.24	$ 16.16	$ 18.10	$ 19.49	$ 25.13	$ 27.61	$ 28.52
Levelized Service Fee [PI=1.1]	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07

Geothermal
Revenue and Revenue Requirement

	Col. 1	Col. 16	Col. 17	Col. 18	Col. 19	Col. 20	Col. 21	Col. 22	Col. 23	Col. 24	Col. 25	Col. 26	Col. 27	Col. 28
Line No.	Description	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27
1	Number of Customers													
2	Number of Cumulative Customers [50% Effective]	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980
3	Number of Tonnes per Customer	4	4	4	4	4	4	4	4	4	4	4	4	4
4	Total Number of Tonnes	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920
5	Capital													
6	**Rate Base**													
7	Balance, beginning	182,922,974	175,018,023	167,113,071	159,208,120	151,303,168	143,398,217	135,493,265	127,588,314	119,683,363	111,778,411	103,873,460	95,968,508	88,063,557
8	+ Additions													
9	+ Working Capital Additions	0	0	0	0	0	0	0	0	0	0	0	0	0
10	- Depreciation	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)
11	Balance, ending	175,018,023	167,113,071	159,208,120	151,303,168	143,398,217	135,493,265	127,588,314	119,683,363	111,778,411	103,873,460	95,968,508	88,063,557	80,158,605
12	Average Rate Base	178,970,498	171,065,547	163,160,595	155,255,644	147,350,693	139,445,741	131,540,790	123,635,838	115,730,887	107,825,935	99,920,984	92,016,033	84,111,081
13	**Revenue Requirement**													
14	Return on Rate Base	11,105,377	10,614,864	10,124,350	9,633,836	9,143,323	8,652,809	8,162,295	7,671,782	7,181,268	6,690,755	6,200,241	5,709,727	5,219,214
15	O&M	1,414,429	1,522,611	1,522,611	1,522,611	1,522,611	1,522,611	1,522,611	1,522,611	1,522,611	1,522,611	1,522,611	1,522,611	1,522,611
16	Municipal Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Deprecation	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951
18	Taxes	4,286,112	4,533,890	4,610,987	4,602,745	4,551,832	4,479,584	4,396,668	4,308,419	4,217,503	4,125,253	4,032,337	3,939,087	3,845,670
19	Revenue Requirement	24,710,869	24,576,316	24,162,900	23,664,143	23,122,717	22,559,955	21,986,526	21,407,763	20,826,333	20,243,570	19,660,140	19,076,377	18,492,447
20	**Revenue**													
21	Revenue per Tonne per Month	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07
22	Geothermal Revenue	21,636,413	21,636,413	21,636,413	21,636,413	21,636,413	21,636,413	21,636,413	21,636,413	21,636,413	21,636,413	21,636,413	21,636,413	21,636,413
23	**Sufficiency / (Deficiency)**	**(3,074,456)**	**(2,939,903)**	**(2,526,487)**	**(2,027,731)**	**(1,486,304)**	**(923,542)**	**(350,113)**	**228,650**	**810,080**	**1,392,843**	**1,976,273**	**2,560,036**	**3,143,966**
	ONLY GES Program customers responsible for a													
24	Revenue Requirement	24,710,869	24,576,316	24,162,900	23,664,143	23,122,717	22,559,955	21,986,526	21,407,763	20,826,333	20,243,570	19,660,140	19,076,377	18,492,447
25	Revenue per Tonne per Month	$ 28.63	$ 28.48	$ 28.00	$ 27.42	$ 26.79	$ 26.14	$ 25.48	$ 24.81	$ 24.13	$ 23.46	$ 22.78	$ 22.10	$ 21.43

	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27
Unlevelized Service Fee [PI=1.0]	$ 28.63	$ 28.48	$ 28.00	$ 27.42	$ 26.79	$ 26.14	$ 25.48	$ 24.81	$ 24.13	$ 23.46	$ 22.78	$ 22.10	$ 21.43
Levelized Service Fee [PI=1.1]	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07

Geothermal
Revenue and Revenue Requirement

	Col. 1	Col. 29	Col. 30	Col. 31	Col. 32	Col. 33	Col. 34	Col. 35	Col. 36	Col. 37	Col. 38	Col. 39	Col. 40	Col. 41
Line No.	Description	Year 28	Year 29	Year 30	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
1	Number of Customers													
2	Number of Cumulative Customers [50% Effective]	17,980	17,980	17,980	17,895	17,660	17,295	16,710	15,730	14,000	11,270	8,050	4,830	1,610
3	Number of Tonnes per Customer	4	4	4	4	4	4	4	4	4	4	4	4	4
4	Total Number of Tonnes	71,920	71,920	71,920	71,580	70,640	69,180	66,840	62,920	56,000	45,080	32,200	19,320	6,440
5	Capital													
6	**Rate Base**													
7	Balance, beginning	80,158,605	72,253,654	64,348,702	56,443,751	48,575,317	40,809,200	33,204,711	25,847,220	18,889,428	12,618,770	7,438,509	3,610,966	1,185,281
8	+ Additions													
9	+ Working Capital Additions	0	0	0	(8,524)	(23,566)	(36,602)	(58,664)	(98,274)	(173,484)	(273,764)	(322,902)	(322,902)	(322,902)
10	- Depreciation	(7,904,951)	(7,904,951)	(7,904,951)	(7,859,910)	(7,742,551)	(7,567,887)	(7,298,826)	(6,859,518)	(6,097,174)	(4,906,497)	(3,504,641)	(2,102,784)	(700,928)
11	Balance, ending	72,253,654	64,348,702	56,443,751	48,575,317	40,809,200	33,204,711	25,847,220	18,889,428	12,618,770	7,438,509	3,610,966	1,185,281	161,451
12	Average Rate Base	76,206,130	68,301,178	60,396,227	52,509,534	44,692,259	37,006,955	29,525,966	22,368,324	15,754,099	10,028,639	5,524,737	2,398,123	673,366
13	**Revenue Requirement**													
14	Return on Rate Base	4,728,700	4,238,186	3,747,673	3,258,292	2,773,219	2,296,335	1,832,129	1,387,987	977,565	622,291	342,818	148,807	41,783
15	O&M	1,522,611	1,522,611	1,522,611	1,517,168	1,502,120	1,478,748	1,441,288	1,378,535	1,267,757	1,092,946	886,757	680,569	288,738
16	Municipal Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Deprecation	7,904,951	7,904,951	7,904,951	7,859,910	7,742,551	7,567,887	7,298,826	6,859,518	6,097,174	4,906,497	3,504,641	2,102,784	700,928
18	Taxes	3,752,171	3,658,629	3,565,067	3,455,471	3,320,618	3,166,664	2,981,093	2,737,967	2,384,806	1,887,733	1,328,983	786,537	260,687
19	Revenue Requirement	17,908,433	17,324,378	16,740,302	16,090,841	15,338,509	14,509,634	13,553,336	12,364,007	10,727,302	8,509,467	6,063,199	3,718,698	1,292,136
20	**Revenue**													
21	Revenue per Tonne per Month	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07
22	Geothermal Revenue	21,636,413	21,636,413	21,636,413	21,534,127	21,251,338	20,812,111	20,108,146	18,928,853	16,847,040	13,561,867	9,687,048	5,812,229	1,937,410
23	**Sufficiency / (Deficiency)**	**3,727,980**	**4,312,035**	**4,896,111**	**5,443,286**	**5,912,829**	**6,302,477**	**6,554,809**	**6,564,845**	**6,119,738**	**5,052,400**	**3,623,849**	**2,093,531**	**645,273**
	ONLY GES Program customers responsible for a													
24	Revenue Requirement	17,908,433	17,324,378	16,740,302	16,090,841	15,338,509	14,509,634	13,553,336	12,364,007	10,727,302	8,509,467	6,063,199	3,718,698	1,292,136
25	Revenue per Tonne per Month	$ 20.75	$ 20.07	$ 19.40	$ 18.73	$ 18.09	$ 17.48	$ 16.90	$ 16.38	$ 15.96	$ 15.73	$ 15.69	$ 16.04	$ 16.72

	Year 28	Year 29	Year 30	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
Unlevelized Service Fee [PI=1.0]	$ 20.75	$ 20.07	$ 19.40	$ 18.73	$ 18.09	$ 17.48	$ 16.90	$ 16.38	$ 15.96	$ 15.73	$ 15.69	$ 16.04	$ 16.72
Levelized Service Fee [PI=1.1]	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07	$ 25.07