

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
1	Number of Customers	170	300	430	740	1,220	2,240	3,220	3,220	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
3	Number of Tonnes per Customer	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
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	42,055,686	42,055,686
6	Rate Base												
7	Balance, beginning	0	2,666,052	6,866,451	12,707,159	22,163,048	37,572,489	65,324,732	104,658,240	142,639,479	179,218,862	214,396,389	206,654,370
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	42,055,686	42,055,686
9	+ Working Capital Additions	8,602	23,782	36,938	59,202	99,176	175,076	276,276	325,864	325,864	325,864	325,864	325,864
10	- Depreciation	(45,042)	(162,400)	(337,964)	(606,125)	(1,045,433)	(1,807,778)	(2,988,455)	(4,400,311)	(5,802,167)	(7,204,023)	(7,904,951)	0
11	Balance, ending	2,666,052	6,866,451	12,707,159	22,163,048	37,572,489	65,324,732	104,658,240	142,639,479	179,218,862	214,396,389	206,654,370	193,749,419
12	Average Rate Base	1,333,026	4,766,252	9,786,805	17,435,104	29,867,768	51,448,611	84,991,466	123,648,860	160,929,171	196,807,626	210,525,380	202,701,894
13	Revenue Requirement												
14	Return on Rate Base	82,716	295,753	607,285	1,081,873	1,853,338	3,192,460	5,273,844	7,672,590	9,985,887	12,212,197	13,063,403	12,577,944
15	O&M	1,537,885	1,270,707	1,370,878	1,822,159	2,169,820	2,887,235	3,641,321	3,833,213	4,020,205	4,207,197	4,431,522	4,415,422
16	Municipal Taxes	1,594	4,154	7,778	13,679	23,329	40,666	65,479	90,292	115,105	139,918	139,918	139,918
17	Depreciation	45,042	162,400	337,964	606,125	1,045,433	1,807,778	2,988,455	4,400,311	5,802,167	7,204,023	7,904,951	7,904,951
18	Taxes	(209,419)	(635,208)	(1,074,905)	(1,675,112)	(2,677,345)	(4,534,557)	(7,199,976)	(9,115,547)	(9,608,096)	(9,397,579)	(5,581,165)	(212,002)
19	Revenue Requirement	1,457,818	1,097,806	1,248,101	1,848,725	2,414,576	3,393,582	4,779,123	6,880,858	10,315,267	14,365,755	16,958,629	21,826,233
20	Revenue												
21	Revenue per Tonne per Month	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30
22	Geothermal Revenue	103,224	388,608	831,864	1,542,288	2,732,400	4,833,312	8,148,624	12,058,992	15,969,360	19,879,728	21,834,912	21,834,912
23	Sufficiency / (Deficiency)	(1,354,594)	(709,198)	(416,237)	(306,437)	317,824	1,439,730	3,369,501	5,178,134	5,654,093	5,513,973	4,876,283	8,679

Geothermal Revenue and Revenue Requirement

Line No.	Col. 1 Description	Col. 14 Year 13	Col. 15 Year 14	Col. 16 Year 15	Col. 17 Year 16	Col. 18 Year 17	Col. 19 Year 18	Col. 20 Year 19	Col. 21 Year 20	Col. 22 Year 21	Col. 23 Year 22	Col. 24 Year 23
1	Number of Customers	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980
2	Number of Cumulative Customers (50% Effective)	4	4	4	4	4	4	4	4	4	4	4
3	Number of Tonnes per Customer	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,920
4	Total Number of Tonnes											
5	Capital											
6	Rate Base											
7	Balance, beginning	198,749,419	190,844,467	182,939,516	175,034,564	167,129,613	159,224,661	151,319,710	143,414,758	135,509,807	127,604,856	119,699,904
8	+ Additions											
9	+ Working Capital Additions	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)
11	Balance, ending	190,844,467	182,939,516	175,034,564	167,129,613	159,224,661	151,319,710	143,414,758	135,509,807	127,604,856	119,699,904	111,794,953
12	Average Rate Base	194,796,943	186,891,991	178,987,040	171,082,089	163,177,137	155,272,186	147,367,234	139,462,283	131,557,331	123,652,380	115,747,428
13	Revenue Requirement											
14	Return on Rate Base	12,087,431	11,596,917	11,106,404	10,615,890	10,125,376	9,634,863	9,144,349	8,653,835	8,163,322	7,672,808	7,182,295
15	O&M	1,415,422	1,415,422	1,415,422	1,524,596	1,524,596	1,524,596	1,524,596	1,524,596	1,524,596	1,524,596	1,524,596
16	Municipal Taxes	139,918	139,918	139,918	139,918	139,918	139,918	139,918	139,918	139,918	139,918	139,918
17	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
18	Taxes	2,425,305	3,697,168	4,286,307	4,534,086	4,611,183	4,602,940	4,552,027	4,479,179	4,396,864	4,308,615	4,217,698
19	Revenue Requirement	23,973,027	24,754,376	24,853,002	24,719,441	24,306,025	23,807,268	23,265,842	22,703,090	22,129,651	21,560,888	20,969,458
20	Revenue											
21	Revenue per Tonne per Month	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30
22	Geothermal Revenue	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912
23	Sufficiency / (Deficiency)	(2,138,115)	(2,919,464)	(3,018,090)	(2,884,529)	(2,471,113)	(1,972,356)	(1,430,930)	(868,168)	(294,739)	284,024	865,454

Geothermal Revenue and Revenue Requirement

Line No.	Col. 1 Description	Col. 25 Year 24	Col. 26 Year 25	Col. 27 Year 26	Col. 28 Year 27	Col. 29 Year 28	Col. 30 Year 29	Col. 31 Year 30	Col. 32 Year 31	Col. 33 Year 32	Col. 34 Year 33	Col. 35 Year 34	Col. 36 Year 35
1	Number of Customers	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,895	17,660	17,295	16,710	15,730
2	Number of Cumulative Customers (50% Effective)	4	4	4	4	4	4	4	4	4	4	4	4
3	Number of Tonnes per Customer	71,920	71,920	71,920	71,920	71,920	71,920	71,920	71,580	70,640	69,180	66,840	62,920
4	Total Number of Tonnes												
5	Capital												
6	Rate Base												
7	Balance, beginning	111,794,953	103,890,001	95,885,050	88,080,098	80,175,147	72,270,196	64,365,244	56,460,293	48,591,781	40,825,447	33,220,622	25,862,594
8	+ Additions	0	0	0	0	0	0	0	(8,602)	(23,782)	(36,938)	(59,202)	(95,176)
9	+ Working Capital Additions	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,904,951)	(7,859,910)	(7,742,551)	(7,567,887)	(7,298,826)	(6,859,518)
10	- Depreciation	103,890,001	95,885,050	88,080,098	80,175,147	72,270,196	64,365,244	56,460,293	48,591,781	40,825,447	33,220,622	25,862,594	18,903,900
11	Balance, ending	107,842,477	99,837,526	92,032,574	84,127,623	76,222,671	68,317,720	60,412,788	52,526,037	44,708,614	37,023,035	29,541,608	22,383,247
12	Average Rate Base												
13	Revenue Requirement												
14	Return on Rate Base	6,691,781	6,201,267	5,710,754	5,220,240	4,729,727	4,239,213	3,748,699	3,259,316	2,774,234	2,297,333	1,833,099	1,388,913
15	O&M	1,524,596	1,524,596	1,524,596	1,524,596	1,524,596	1,524,596	1,524,596	1,519,144	1,504,070	1,480,657	1,443,133	1,380,272
16	Municipal Taxes	139,918	139,918	139,918	139,918	139,918	139,918	139,918	139,918	139,918	139,918	139,918	139,918
17	Depreciation	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,904,951	7,859,910	7,742,551	7,567,887	7,298,826	6,859,518
18	Taxes	4,125,449	4,032,532	3,939,283	3,845,866	3,752,366	3,658,825	3,565,283	3,455,666	3,320,812	3,166,854	2,981,278	2,738,144
19	Revenue Requirement	20,386,695	19,803,265	19,219,502	18,635,571	18,051,558	17,467,503	16,883,427	16,233,954	15,481,585	14,652,649	13,696,255	12,506,764
20	Revenue												
21	Revenue per Tonne per Month	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30
22	Geothermal Revenue	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,834,912	\$ 21,731,688	\$ 21,446,304	\$ 21,003,048	\$ 20,292,624	\$ 19,102,512
23	Sufficiency / (Deficiency)	1,448,217	2,031,647	2,615,410	3,199,341	3,783,354	4,367,409	4,951,485	5,487,734	5,964,719	6,350,399	6,596,369	6,595,748

**Geothermal
Revenue and Revenue Requirement**

Line No.	Description	Col. 37 Year 36	Col. 38 Year 37	Col. 39 Year 38	Col. 40 Year 39	Col. 41 Year 40
1	Number of Customers		11,270	8,050	4,830	1,610
2	Number of Cumulative Customers [50% Effective]	14,000	4	4	4	4
3	Number of Tonnes per Customer		45,080	32,200	19,320	6,440
4	Total Number of Tonnes	56,000				
5	Capital					
6	Rate Base					
7	Balance, beginning	18,903,900	12,631,650	7,448,877	3,618,372	1,189,724
8	+ Additions					
9	+ Working Capital Additions	(175,076)	(276,276)	(325,864)	(325,864)	(325,864)
10	- Depreciation	(6,097,174)	(4,906,497)	(3,504,641)	(2,102,784)	(700,928)
11	Balance, ending	12,631,650	7,448,877	3,618,372	1,189,724	162,932
12	Average Rate Base	15,767,775	10,040,263	5,533,625	2,404,048	676,328
13	Revenue Requirement					
14	Return on Rate Base	978,413	623,013	343,369	149,175	41,967
15	O&M	1,269,303	1,094,190	887,646	681,102	288,915
16	Municipal Taxes	139,918	139,918	139,918	139,918	139,918
17	Depreciation	6,097,174	4,906,497	3,504,641	2,102,784	700,928
18	Taxes	2,384,968	1,887,871	1,329,088	786,607	260,722
19	Revenue Requirement	10,869,776	8,651,488	6,204,662	3,859,586	1,432,450
20	Revenue					
21	Revenue per Tonne per Month	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30	\$ 25.30
22	Geothermal Revenue	17,001,600	13,666,288	9,775,920	5,865,552	1,955,184
23	Sufficiency / (Deficiency)	6,131,824	5,034,800	3,571,258	2,005,966	522,734