

Capital Investment										
Year*	Plant	Accum Depreciation	Deferred Tax**	Net Plant	Average Plant	Return + Tax***	Depreciation Expense	Property Tax	Revenue Requirement	
1	\$80,000,000	-\$5,537,248		\$74,462,752	\$77,231,376	\$6,703,683	\$5,537,248	\$2,606,196	\$14,847,127	
2	\$80,000,000	-\$11,074,495		\$68,925,505	\$71,694,129	\$6,223,050	\$5,537,248	\$2,412,393	\$14,172,691	
3	\$80,000,000	-\$16,611,743		\$63,388,257	\$66,156,881	\$5,742,417	\$5,537,248	\$2,218,589	\$13,498,254	
4	\$80,000,000	-\$22,148,990		\$57,851,010	\$60,619,634	\$5,261,784	\$5,537,248	\$2,024,785	\$12,823,817	
5	\$80,000,000	-\$27,686,238		\$52,313,762	\$55,082,386	\$4,781,151	\$5,537,248	\$1,830,982	\$12,149,380	
6	\$80,000,000	-\$33,223,485		\$46,776,515	\$49,545,138	\$4,300,518	\$5,537,248	\$1,637,178	\$11,474,944	
7	\$80,000,000	-\$38,760,733		\$41,239,267	\$44,007,891	\$3,819,885	\$5,537,248	\$1,443,374	\$10,800,507	
8	\$80,000,000	-\$44,297,980		\$35,702,020	\$38,470,643	\$3,339,252	\$5,537,248	\$1,249,571	\$10,126,070	
9	\$80,000,000	-\$49,835,228		\$30,164,772	\$32,933,396	\$2,858,619	\$5,537,248	\$1,055,767	\$9,451,633	
10	\$80,000,000	-\$55,372,475		\$24,627,525	\$27,396,148	\$2,377,986	\$5,537,248	\$861,963	\$8,777,197	
11	\$80,000,000	-\$60,909,723		\$19,090,277	\$21,858,901	\$1,897,353	\$5,537,248	\$668,160	\$8,102,760	
12	\$80,000,000	-\$66,446,971		\$13,553,029	\$16,321,653	\$1,416,719	\$5,537,248	\$474,356	\$7,428,323	
13	\$80,000,000	-\$71,984,218		\$8,015,782	\$19,090,277	\$1,657,036	\$5,537,248	\$280,552	\$7,474,836	
14	\$80,000,000	-\$77,521,466		\$2,478,534	\$13,553,029	\$1,176,403	\$5,537,248	\$86,749	\$6,800,399	
15	\$80,000,000	-\$80,000,000		\$0	\$1,239,267	\$107,568	\$2,478,534	\$0	\$2,586,103	
16	\$80,000,000	-\$80,000,000		\$0	\$0	\$0	\$0	\$0	\$0	
Total							\$51,663,425		\$150,514,040	

Source: Analysis Assumption Calculated Calculated Calculated G011/GR-17-53 Calculated New Area Surcharge Model Calculation
NPV \$36,971,963 Overall Weighted Cost of Capital approved in Docket No. G01 \$101,013,293.75

*Assumes Jan. 1 Implementation in Year 1
 **No Deferred Tax Calculation
 ***Uses Pre-Tax Weighted Cost of Capital approved in Docket No. G011/GR-17-563

Year	Expenses	Annual Energy savings (Dth)	Life (yr)	Lifetime Energy Savings (Dth)
2019	\$12,115,461	468,544	13.9	6,501,479
2020	\$10,480,260	367,324	14.7	5,381,591
2021	\$10,931,780	392,822	14.9	5,868,550
2019-2021 AVG	\$11,175,834	409,563	14.4	5,917,207

	Dth/Expense (Dth/\$)	Lifetime Dth/Expense (Dth/\$)
Estimate	0.04	0.53

	Assumed CIP Investment (\$)	Annual Energy savings (Dth)	Life (yr)	Lifetime Energy Savings (Dth)
Estimate	\$80,000,000	2,931,776	14.4	42,357,158