

**Residential added load -Pool Water Heater**  
**Financial Feasibility - 11 year Horizon**  
**Parameters and Results**

Line No.	<u>Col. 1</u> Description	<u>Col. 2</u>	<u>Col. 4</u> Year 1	<u>Col. 5</u> Year 2	<u>Col. 6</u> Year 3	<u>Col. 7</u> Year 4	<u>Col. 8</u> Year 5	<u>Col. 9</u> Year 6	<u>Col. 10</u> Year 7	<u>Col. 11</u> Year 8	<u>Col. 12</u> Year 9	<u>Col. 13</u> Year 10	<u>Col. 14</u> Year 11
<b>FEASIBILITY PARAMETERS</b>													
1.	Discount Rate	5.57%											
2.	CCA Rate	6.00%											
3.	Tax Rate	26.90%											
4.	Municipal Tax rate	0.00%											
5.	Capital Tax Rate	0.00%											
6.	Revenue Horizon	21											
7.	Total number of participants		1										
8.	Capital Costs												
9.	Mains (Dollars)		-	-	-	-	-	-	-	-	-	-	-
10.	Services (Dollars)		-	-	-	-	-	-	-	-	-	-	-
11.	Meters (Dollars)		-	-	-	-	-	-	-	-	-	-	-
12.	Stations (Dollars)		-	-	-	-	-	-	-	-	-	-	-
13.	Commercial program (Dollars)		1,500	-	-	-	-	-	-	-	-	-	-
14.	Annual Revenues (Dollars)		155	310	310	310	310	310	310	310	310	310	155
15.	Annual O&M (Dollars)		0	0	0	0	0	0					
<b>FEASIBILITY RESULTS</b>													
16.	Net Present Value (Dollars)	634.05											
17.	Profitability Index	1.434											
18.	IRR	18.38%											
19.	Levelized Rate Impact (11 years)	-0.000168%											
20.	Cross-Over Year	1 and 6											

Note a) 50% effectivity considered for the first and last year revenues

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**Rate Impact Analysis**

Dollars	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
	1	2	3	4	5	6	7	8	9	10	11
<b>REVENUE</b>											
A. Effective Project Revenue	155	310	310	310	310	310	310	310	310	310	155
B. Year "0" Revenue (2015 Rate Case)	60,741,800										
C. Total Revenue (year "0" + projected revenue)	60,741,800	60,741,955	60,742,110	60,742,110	60,742,110	60,742,110	60,742,110	60,742,110	60,742,110	60,742,110	60,741,955
<b>REVENUE REQUIREMENT</b>											
D. Effective Project Revenue Requirement	(295)	502	479	456	433	211	0	0	0	0	0
E. Year "0" Revenue Requirement	60,741,800										
F. Total Revenue Requirement (year "0" + project rev.req.)	60,741,800	60,741,505	60,742,302	60,742,279	60,742,256	60,742,233	60,742,011	60,741,800	60,741,800	60,741,800	60,741,800
<b>(D - A) DEFICIENCY or RATE IMPACT</b>	(450)	192	169	146	124	(99)	(310)	(310)	(310)	(310)	(155)
<b>(D - A) / C % Rate Impact vs Yr 0</b>	-0.001%	0.00%	0.00%	0.00%	0.000%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

**LEVELIZED RATE IMPACT CALCULATION**

L. Rate Impact (D - A)		(450)	192	169	146	124	(99)	(310)	(310)	(310)	(310)	(155)
M. \$ Levelized Impact (11 yrs.)	Disc. Rate of	(102)										
N. Levelized Revenue	6.285%	60,742,081										
O. % Levelized Impact		0.000%	(102)	(102)	(102)	(102)	(102)	(102)	(102)	(102)	(102)	(102)