

Residential added load -Water Heater with Tank
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
FEASIBILITY PARAMETERS													
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)		800	-	-	-	-	-	-	-	-	-	-
14.	Annual Revenues (Dollars)		77	155	155	155	155	155	155	155	155	155	77
15.	Annual O&M (Dollars)		0	0	0	0	0	0					
FEASIBILITY RESULTS													
16.	Net Present Value (Dollars)	281.45											
17.	Profitability Index	1.361											
18.	IRR	16.35%											
19.	Levelized Rate Impact (11 years)	-0.000074%											
20.	Cross-Over Year	1 and 6											

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

Residential added load -Water Heater with Tank
Financial Feasibility - 11 year Horizon
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
REVENUE											
A. Effective Project Revenue	77	155	155	155	155	155	155	155	155	155	77
B. Year "0" Revenue (2015 Rate Case)	60,741,800										
C. Total Revenue (year "0" + projected revenue)	60,741,800	60,741,877	60,741,955	60,741,955	60,741,955	60,741,955	60,741,955	60,741,955	60,741,955	60,741,955	60,741,877
REVENUE REQUIREMENT											
D. Effective Project Revenue Requirement	(158)	268	255	243	231	112	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	60,741,642	60,742,068	60,742,055	60,742,043	60,742,031	60,741,912	60,741,800	60,741,800	60,741,800	60,741,800
(D - A) DEFICIENCY or RATE IMPACT	(235)	113	101	88	76	(42)	(155)	(155)	(155)	(155)	(77)
(D - A) / C % Rate Impact vs Yr 0	0.000%	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)	(235)	113	101	88	76	(42)	(155)	(155)	(155)	(155)	(77)
M. \$ Levelized Impact (11 yrs.)	Disc. Rate of	(45)									
N. Levelized Revenue	6.285%	60,741,940									
O. % Levelized Impact	0.000%	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)