

**Residential added load - Wall heater**  
**Financial Feasibility - 21 year Horizon**  
**Parameters and Results**

Line No.	Col. 1 Description	Col. 2	Col. 4 Year 1	Col. 5 Year 2	Col. 6 Year 3	Col. 7 Year 4	Col. 8 Year 5	Col. 9 Year 6	Col. 10 Year 7	Col. 11 Year 8
<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)		850	-	-	-	-	-	-	-
14.	Annual Revenues (Dollars)		84	168	168	168	168	168	168	168
15.	Annual O&M (Dollars)		0	0	0	0	0	0	0	0
<b>FEASIBILITY RESULTS</b>										
16.	Net Present Value (Dollars)	852.52								
17.	Profitability Index	2.031								
18.	IRR	21.40%								
19.	Levelized Rate Impact (21 years)	-0.000149%								
20.	Cross-Over Year	1 and 6								

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

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Line No.	Col. 1 Description	Col. 12 Year 9	Col. 13 Year 10	Col. 14 Year 11	Col. 15 Year 12	Col. 16 Year 13	Col. 17 Year 14	Col. 18 Year 15	Col. 19 Year 16	Col. 20 Year 17	Col. 21 Year 18	Col. 22 Year 19	Col. 23 Year 20	Col. 24 Year 21
<b>FEASIBILITY PARAMETERS</b>														
1.	Discount Rate													
2.	CCA Rate													
3.	Tax Rate													
4.	Municipal Tax rate													
5.	Capital Tax Rate													
6.	Revenue Horizon													
7.	Total number of participants													
8.	Capital Costs													
9.	Mains (Dollars)	-	-	-	-	-	-	-	-	-	-	-	-	-
10.	Services (Dollars)	-	-	-	-	-	-	-	-	-	-	-	-	-
11.	Meters (Dollars)	-	-	-	-	-	-	-	-	-	-	-	-	-
12.	Stations (Dollars)	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Commercial program (Dollars)	-	-	-	-	-	-	-	-	-	-	-	-	-
14.	Annual Revenues (Dollars)	168	168	168	168	168	168	168	168	168	168	168	168	84
15.	Annual O&M (Dollars)													

**FEASIBILITY RESULTS**

- 16. Net Present Value (Dollars)
- 17. Profitability Index
- 18. IRR
- 19. Levelized Rate Impact (21 years)
- 20. Cross-Over Year

Note a) 50% effectivity considered for the first an

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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
	1	2	3	4	5	6	7	8	9	10
<b>REVENUE</b>										
A. Effective Project Revenue	84	168	168	168	168	168	168	168	168	168
B. Year "0" Revenue (2015 Rate Case)	60,741,800									
C. Total Revenue (year "0" + projected revenue)	60,741,800	60,741,884	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968
<b>REVENUE REQUIREMENT</b>										
D. Effective Project Revenue Requirement	(167)	284	271	258	246	120	0	0	0	0
E. Year "0" Revenue Requirement	60,741,800									
F. Total Revenue Requirement (year "0" + project rev.req.)	60,741,800	60,741,633	60,742,084	60,742,071	60,742,058	60,742,046	60,741,920	60,741,800	60,741,800	60,741,800
<b>(D - A) DEFICIENCY or RATE IMPACT</b>	(251)	117	104	91	78	(48)	(168)	(168)	(168)	(168)
<b>(D - A) / C % Rate Impact vs Yr 0</b>	0.000%	0.00%	0.00%	0.00%	0.000%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>LEVELIZED RATE IMPACT CALCULATION</b>										
L. Rate Impact (D -A)	(251)	117	104	91	78	(48)	(168)	(168)	(168)	(168)
M. \$ Levelized Impact (21 yrs.)	Disc. Rate of	(90)								
N. Levelized Revenue	6.285%	60,741,959								
O. % Levelized Impact	0.000%	(90)	(90)	(90)	(90)	(90)	(90)	(90)	(90)	(90)

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Dollars	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21
	11	12	13	14	15	16	17	18	19	20	21
<b>REVENUE</b>											
A. Effective Project Revenue	168	168	168	168	168	168	168	168	168	168	84
B. Year "0" Revenue (2015 Rate Case)											
C. Total Revenue (year "0" + projected revenue)	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968	60,741,968	60,741,884
<b>REVENUE REQUIREMENT</b>											
D. Effective Project Revenue Requirement	0	0	0	0	0	0	0	0	0	0	0
E. Year "0" Revenue Requirement											
F. Total Revenue Requirement (year "0" + project rev.req.)	60,741,800	60,741,800	60,741,800	60,741,800	60,741,800	60,741,800	60,741,800	60,741,800	60,741,800	60,741,800	60,741,800
<b>(D - A) DEFICIENCY or RATE IMPACT</b>	(168)	(168)	(168)	(168)	(168)	(168)	(168)	(168)	(168)	(168)	(84)
<b>(D - A) / C % Rate Impact vs Yr 0</b>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>LEVELIZED RATE IMPACT CALCULATION</b>											
L. Rate Impact (D -A)	(168)	(168)	(168)	(168)	(168)	(168)	(168)	(168)	(168)	(168)	(84)
M. \$ Levelized Impact (21 yrs.)											
N. Levelized Revenue											
O. % Levelized Impact	(90)	(90)	(90)	(90)	(90)	(90)	(90)	(90)	(90)	(90)	(90)