

**Residential added load - Furnace
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
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)		2,500	-	-	-	-	-	-	-
14.	Annual Revenues (Dollars)		258	516	516	516	516	516	516	516
15.	Annual O&M (Dollars)		0	0	0	0	0	0	0	0

FEASIBILITY RESULTS

16.	Net Present Value (Dollars)	2,705.19
17.	Profitability Index	2.112
18.	IRR	22.59%
19.	Levelized Rate Impact (21 years)	-0.000473%
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
FEASIBILITY PARAMETERS														
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)	516	516	516	516	516	516	516	516	516	516	516	516	258
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
REVENUE										
A. Effective Project Revenue		258	516	516	516	516	516	516	516	516
B. Year "0" Revenue (2015 Rate Case)	60,741,800									
C. Total Revenue (year "0" + projected revenue)	60,741,800	60,742,058	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316
REVENUE REQUIREMENT										
D. Effective Project Revenue Requirement		(492)	836	798	760	722	352	0	0	0
E. Year "0" Revenue Requirement	60,741,800									
F. Total Revenue Requirement (year "0" + project rev.req.)	60,741,800	60,741,308	60,742,636	60,742,598	60,742,560	60,742,522	60,742,152	60,741,800	60,741,800	60,741,800
(D - A) DEFICIENCY or RATE IMPACT		(750)	320	282	244	206	(165)	(516)	(516)	(516)
(D - A) / C % Rate Impact vs Yr 0		-0.001%	0.00%	0.00%	0.00%	0.000%	0.00%	0.00%	0.00%	0.00%
LEVELIZED RATE IMPACT CALCULATION										
L. Rate Impact (D -A)		(750)	320	282	244	206	(165)	(516)	(516)	(516)
M. \$ Levelized Impact (21 yrs.)	Disc. Rate of	(287)								
N. Levelized Revenue	6.285%	60,742,289								
O. % Levelized Impact	0.000%	(287)	(287)	(287)	(287)	(287)	(287)	(287)	(287)	(287)

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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
REVENUE											
A. Effective Project Revenue	516	516	516	516	516	516	516	516	516	516	258
B. Year "0" Revenue (2015 Rate Case)											
C. Total Revenue (year "0" + projected revenue)	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316	60,742,316	60,742,058
REVENUE REQUIREMENT											
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
(D - A) DEFICIENCY or RATE IMPACT	(516)	(516)	(516)	(516)	(516)	(516)	(516)	(516)	(516)	(516)	(258)
(D - A) / C % Rate Impact vs Yr 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LEVELIZED RATE IMPACT CALCULATION											
L. Rate Impact (D -A)	(516)	(516)	(516)	(516)	(516)	(516)	(516)	(516)	(516)	(516)	(258)
M. \$ Levelized Impact (21 yrs.)											
N. Levelized Revenue											
O. % Levelized Impact	(287)	(287)	(287)	(287)	(287)	(287)	(287)	(287)	(287)	(287)	(287)