

Residential added load - Fireplace
Financial Feasibility - 16 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
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
15.	Annual O&M (Dollars)		0	0	0	0	0	

FEASIBILITY RESULTS

16.	Net Present Value (Dollars)	562.04
17.	Profitability Index	1.722
18.	IRR	19.89%
19.	Levelized Rate Impact (16 years)	-0.000115%
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. 10 Year 7	Col. 11 Year 8	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
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)	155	155	155	155	155	155	155	155	155	77
15.	Annual O&M (Dollars)										

FEASIBILITY RESULTS

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

Note a) 50% effectivity considered for the first an

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Rate Impact Analysis**

Dollars	Year 1 1	Year 2 2	Year 3 3	Year 4 4	Year 5 5	Year 6 6	Year 7 7	
REVENUE								
A. Effective Project Revenue		77	155	155	155	155	155	155
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
REVENUE REQUIREMENT								
D. Effective Project Revenue Requirement		(158)	268	255	243	231	112	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
(D - A) DEFICIENCY or RATE IMPACT		(235)	113	101	88	76	(42)	(155)
(D - A) / C % Rate Impact vs Yr 0		0.000%	0.00%	0.00%	0.00%	0.000%	0.00%	0.00%
LEVELIZED RATE IMPACT CALCULATION								
L. Rate Impact (D - A)		(235)	113	101	88	76	(42)	(155)
M. \$ Levelized Impact (16 yrs.)	Disc. Rate of	(70)						
N. Levelized Revenue	6.285%	60,741,945						
O. % Levelized Impact	0.000%	(70)	(70)	(70)	(70)	(70)	(70)	(70)

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Dollars	Year 8 8	Year 9 9	Year 10 10	Year 11 11	Year 12 12	Year 13 13	Year 14 14	Year 15 15	Year 16 16
REVENUE									
A. Effective Project Revenue	155	155	155	155	155	155	155	155	77
B. Year "0" Revenue (2015 Rate Case)									
C. Total Revenue (year "0" + projected revenue)	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	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
(D - A) DEFICIENCY or RATE IMPACT	(155)	(155)	(155)	(155)	(155)	(155)	(155)	(155)	(77)
(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%
LEVELIZED RATE IMPACT CALCULATION									
L. Rate Impact (D -A)	(155)	(155)	(155)	(155)	(155)	(155)	(155)	(155)	(77)
M. \$ Levelized Impact (16 yrs.)									
N. Levelized Revenue									
O. % Levelized Impact	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)