

01 Aggregation Results - 2017 - Sect=RES-D-E-E-P - Tech=ACC.xlsx

Cost / Benefit Tests For Normal Weather					
	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
Utility (PAC) Test	3.378152999	2.153628395	2.179962763	2.182902994	2.175590163
TRC Test	3.378152999	2.153628395	2.179962763	2.182902994	2.175590163
RIM Test	3.020415742	1.933726703	1.949110608	1.951739477	1.945201054
Societal Test	3.378152999	2.153628395	2.179962763	2.182902994	2.175590163
Participant Test	65535	65535	65535	65535	65535

Cost of Conserved kWh, kW, and CCF			
100% Allocation	Nominal	Levelized	% Allocation
Total Costs / kW Savings	\$32.0339	\$32.0339	100.00%
Total Costs / kWh Savings	\$0.7639	\$0.7639	100.00%
Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
Allocated By Cost-Based Avoided Costs	\$0.0000	\$0.0000	
Allocated Costs / kW Savings	\$30.9996	\$30.9996	96.77%
Allocated Costs / kWh Savings	\$0.0247	\$0.0247	3.23%
Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$47,294.14	\$14,000.00	\$33,294.14	3.38	Utility (PAC) Test
\$47,294.14	\$14,000.00	\$33,294.14	3.38	TRC Test
\$47,294.14	\$15,658.16	\$31,635.99	3.02	RIM Test
\$47,294.14	\$15,243.90	\$32,050.25	3.10	RIM (Net Fuel) Test
\$47,294.14	\$14,000.00	\$33,294.14	3.38	Societal Test
\$1,780.86	\$0.00	\$1,780.86	inf.	Participant Test

Present Values (PVs) of Costs and Benefits Per Test					
	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
Utility (PAC) Test					
Avoided Electric Production	\$669.43	\$492.37	\$861.05	\$902.21	\$799.83
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$17,066.28	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$29,658.43	\$29,658.43	\$29,658.43	\$29,658.43	\$29,658.43
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$47,294.14	\$30,150.80	\$30,519.48	\$30,560.64	\$30,458.26
Administration Costs	\$3,375.00	\$3,375.00	\$3,375.00	\$3,375.00	\$3,375.00
Implementation / Participation Costs	\$10,625.00	\$10,625.00	\$10,625.00	\$10,625.00	\$10,625.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	3.38	2.15	2.18	2.18	2.35
TRC Test					
Avoided Electric Production	\$669.43	\$492.37	\$861.05	\$902.21	\$799.83
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$17,066.28	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$29,658.43	\$29,658.43	\$29,658.43	\$29,658.43	\$29,658.43
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$47,294.14	\$30,150.80	\$30,519.48	\$30,560.64	\$30,458.26
Administration Costs	\$3,375.00	\$3,375.00	\$3,375.00	\$3,375.00	\$3,375.00
Implementation / Participation Costs	\$10,625.00	\$10,625.00	\$10,625.00	\$10,625.00	\$10,625.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	3.38	2.15	2.18	2.18	2.35
RIM Test					
Avoided Electric Production	\$669.43	\$492.37	\$861.05	\$902.21	\$799.83
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$17,066.28	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$29,658.43	\$29,658.43	\$29,658.43	\$29,658.43	\$29,658.43
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$47,294.14	\$30,150.80	\$30,519.48	\$30,560.64	\$30,458.26
Administration Costs	\$3,375.00	\$3,375.00	\$3,375.00	\$3,375.00	\$3,375.00
Implementation / Participation Costs	\$10,625.00	\$10,625.00	\$10,625.00	\$10,625.00	\$10,625.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Loss Revenue (Electric)	\$1,658.16	\$1,592.07	\$1,658.16	\$1,658.16	\$1,658.16
Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$1,658.16	\$1,592.07	\$1,658.16	\$1,658.16	\$1,658.16
Net Fuel Loss Revenue (Electric)	\$1,243.90	\$1,194.32	\$1,243.90	\$1,243.90	\$1,243.90
Net Fuel Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$1,243.90	\$1,194.32	\$1,243.90	\$1,243.90	\$1,243.90
Test Results	3.02	1.93	1.95	1.95	2.10
Societal Test					
Avoided Electric Production	\$669.43	\$492.37	\$861.05	\$902.21	\$799.83
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$17,066.28	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$29,658.43	\$29,658.43	\$29,658.43	\$29,658.43	\$29,658.43
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$47,294.14	\$30,150.80	\$30,519.48	\$30,560.64	\$30,458.26
Administration Costs	\$3,375.00	\$3,375.00	\$3,375.00	\$3,375.00	\$3,375.00
Implementation / Participation Costs	\$10,625.00	\$10,625.00	\$10,625.00	\$10,625.00	\$10,625.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	3.38	2.15	2.18	2.18	2.35
Participant Test					
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$1,780.86	\$1,709.88	\$1,780.86	\$1,780.86	\$1,780.86
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$1,780.86	\$1,709.88	\$1,780.86	\$1,780.86	\$1,780.86
Test Results	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UTC) Test					
Net Benefits	\$33,294.14	\$16,150.80	\$16,519.48	\$16,560.64	\$16,458.26
Levelized Cost (kW)	\$32.0339	\$32.0339	\$32.0339	\$32.0339	\$32.0339
Levelized Cost (kWh)	\$0.7639	\$0.7639	\$0.7639	\$0.7639	\$0.7639
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
TRC Test					
Net Benefits	\$33,294.14	\$16,150.80	\$16,519.48	\$16,560.64	\$16,458.26
Levelized Cost (kW)	\$32.0339	\$32.0339	\$32.0339	\$32.0339	\$32.0339
Levelized Cost (kWh)	\$0.7639	\$0.7639	\$0.7639	\$0.7639	\$0.7639
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RIM Test					
Net Benefits	\$31,635.99	\$14,558.73	\$14,861.32	\$14,902.49	\$14,800.11
Net Benefits (Net Fuel)	\$32,050.25	\$14,956.48	\$15,275.58	\$15,316.75	\$15,214.37
Societal Test					
Net Benefits	\$33,294.14	\$16,150.80	\$16,519.48	\$16,560.64	\$16,458.26
Levelized Cost (kW)	\$32.0339	\$32.0339	\$32.0339	\$32.0339	\$32.0339
Levelized Cost (kWh)	\$0.7639	\$0.7639	\$0.7639	\$0.7639	\$0.7639
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Participant Test					
Net Benefits	\$1,780.86	\$1,709.88	\$1,780.86	\$1,780.86	\$1,780.86

Participants	kWh	Summer kWh	Winter kWh	Generator
591	18,328	437,037	0,000	Meiler

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$3,375.00	\$10,625.00	\$0.00	\$0.00	\$14,000.00

Present Values (PVs) of Impacts					
	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
kW (Discounted)	437.0367	437.0367	437.0367	437.0367	437.0367
kWh (Discounted)	18327.5506	17597.0739	18327.5506	18327.5506	18824.7963
CCF (Discounted)	0.0000	0.0000	0.0000	0.0000	0.0000
kW (Undiscounted)	437.0367	437.0367	437.0367	437.0367	437.0367
kWh (Undiscounted)	18327.5506	17597.0739	18327.5506	18327.5506	18824.7963
CCF (Undiscounted)	0.0000	0.0000	0.0000	0.0000	0.0000

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Participation and Total Participant Costs												
Year	Participation						Total Participant Costs			Total Participant Costs		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net free/drop-out)	Gross			Net Free Riders / Drop-Out		
							One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
1	591	0	591	0	591	591	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	591	0	591	0	591	591	\$0	\$0	\$0	\$0	\$0	\$0

Impacts and Savings (Losses Included)																
Year	Per Participant						Cumulative						Yearly Incremental (Per Participant * Incremental Participants)			
	KW	KW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	KWh	KWh (net)	KW	KW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	KWh	KWh (net)
1	437	0.739	0.739	0.739	0.000	0.000	311	311	437	437	0	0	0	0	18,328	18,328
2	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
3	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
4	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
5	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
6	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
7	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
8	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
9	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
10	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
11	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
12	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
13	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
14	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
15	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
16	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
17	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
18	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
19	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
20	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
21	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
22	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
23	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
24	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
25	0	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
Totals		0.739	0.739	0.739	0.000	0.000	311	311						18,328	18,328	

Lost Revenue Dollars (Losses Included)									
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)		
	Electric	Gas	Total	Net Free/Drop-Out Electric	Net Free/Drop-Out Gas	Net Free/Drop-Out Total	Net Fuel Electric	Net Fuel Gas	Net Fuel Total
1	\$2.81	\$0.00	\$2.81	\$1,658.16	\$0.00	\$1,658.16	\$1,243.90	\$0.00	\$1,243.90
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$2.81	\$0.00	\$2.81	\$1,658.16	\$0.00	\$1,658.16	\$1,243.90	\$0.00	\$1,243.90

01 Aggregation Results - 2017 - Sects=RES-D-E-E-P - Tech=ACC.xlsx

Utility Program Costs (Losses Included)										
Year	Overall Costs					Total Costs per kW, kWh, and CCF Saved				
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kWh	\$/kWh	\$/CCF	\$/CCF
1	\$3,375.00	\$10,625.00	\$0.00	\$0.00	\$14,000.00	\$32.03	\$32.03	\$0.76	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$3,375.00	\$10,625.00	\$0.00	\$0.00	\$14,000.00	\$32.03	\$32.03	\$0.76	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario						
Year	Cumulative Electric				Cumulative Gas	
	Energy	Address/Capacity	T&D	Auxiliary	Total	Total
1	\$799.83	\$0.00	\$29,658.43	\$0.00	\$30,458.26	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$799.83	\$0.00	\$29,658.43	\$0.00	\$30,458.26	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value							
Year	Cumulative Electric					Cumulative Gas	
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity
1	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)						
Year	Cumulative Electric				Cumulative Gas	
	Energy	Capacity	T&D	Auxiliary	Total	Total
1	\$569.43	\$17,066.28	\$29,658.43	\$0.00	\$47,294.14	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$569.43	\$17,066.28	\$29,658.43	\$0.00	\$47,294.14	\$0.00

02 Aggregation Results - 2017 - Sect=RESDEEEP - Tech=ASHP.xlsx

Cost / Benefit Tests For Normal Weather	Cost Based		Market-Based			
	Minimum	Today	Alternate	Option	Maximum	
Utility (PAC) Test	8.452144253	5.659647754	9.885787763	10.31020649	9.256122284	30.30687889
TRC Test	2.904190366	1.917138811	3.363820426	3.509072008	3.148325914	10.35266325
RIM Test	0.51089913	0.343989489	0.597557284	0.62321174	0.559496464	1.798706114
RM (Net Fuel)	0.638745579	0.436957127	0.747058939	0.779163368	0.699503819	2.249465938
Societal Test	2.904190366	1.917138811	3.363820426	3.509072008	3.148325914	10.35266325
Participant Test	6.179196373	6.044183652	6.179196373	6.179196373	6.179196373	6.297826774

Cost of Conserved kWh, kW, and CCF	100% Allocation		
	Nominal	Levelized	% Allocation
Total Costs / kW Savings	\$39,2191	\$39,2191	100.00%
Total Costs / kWh Savings	\$0.0037	\$0.0037	100.00%
Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
Allocated By Cost-Based Avoided Costs	\$0.0000	\$0.0000	
Allocated Costs / kW Savings	\$8.0034	\$8.0034	20.41%
Allocated Costs / kWh Savings	\$0.0030	\$0.0030	79.59%
Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$169,042.89	\$20,000.00	\$149,042.89	8.45	Utility (PAC) Test
\$271,541.80	\$93,500.00	\$178,041.80	2.90	TRC Test
\$169,042.89	\$330,873.31	(\$161,830.42)	0.51	RIM Test
\$169,042.89	\$264,648.23	(\$95,605.34)	0.64	RM (Net Fuel) Test
\$271,541.80	\$93,500.00	\$178,041.80	2.90	Societal Test
\$531,410.89	\$86,000.00	\$445,410.89	6.18	Participant Test

Present Values (PVs) of Costs and Benefits Per Test	Cost Based		Market-Based			
	Minimum	Today	Alternate	Option	Maximum	
Utility (PAC) Test						
Avoided Electric Production	\$119,194.12	\$93,884.37	\$178,427.17	\$186,915.54	\$165,833.86	\$86,848.99
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$30,560.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$19,288.59	\$19,288.59	\$19,288.59	\$19,288.59	\$19,288.59	\$19,288.59
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$169,042.89	\$113,172.96	\$197,715.76	\$206,204.13	\$185,122.45	\$606,137.58
Administration Costs	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
Total	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
Reduced Amrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	8.45	5.66	9.89	10.31	9.25	30.31
TRC Test						
Avoided Electric Production	\$190,705.31	\$150,210.83	\$285,475.56	\$299,056.58	\$265,326.82	\$938,932.36
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$51,794.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$29,041.65	\$29,041.65	\$29,041.65	\$29,041.65	\$29,041.65	\$29,041.65
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$271,541.80	\$179,252.48	\$314,517.21	\$328,098.23	\$294,368.47	\$967,974.01
Administration Costs	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Reduced Amrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.90	1.92	3.36	3.51	3.15	10.35
RIM Test						
Avoided Electric Production	\$119,194.12	\$93,884.37	\$178,427.17	\$186,915.54	\$165,833.86	\$86,848.99
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$30,560.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$19,288.59	\$19,288.59	\$19,288.59	\$19,288.59	\$19,288.59	\$19,288.59
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$169,042.89	\$113,172.96	\$197,715.76	\$206,204.13	\$185,122.45	\$606,137.58
Administration Costs	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
Total	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
Reduced Amrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.90	1.92	3.36	3.51	3.15	10.35
Societal Test						
Avoided Electric Production	\$190,705.31	\$150,210.83	\$285,475.56	\$299,056.58	\$265,326.82	\$938,932.36
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$51,794.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$29,041.65	\$29,041.65	\$29,041.65	\$29,041.65	\$29,041.65	\$29,041.65
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$271,541.80	\$179,252.48	\$314,517.21	\$328,098.23	\$294,368.47	\$967,974.01
Administration Costs	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Reduced Amrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.90	1.92	3.36	3.51	3.15	10.35
Participant Test						
Incentives	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
Participant Costs (gross)	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00	\$86,000.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$518,910.89	\$507,299.79	\$518,910.89	\$518,910.89	\$518,910.89	\$529,113.10
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$518,910.89	\$507,299.79	\$518,910.89	\$518,910.89	\$518,910.89	\$529,113.10
Test Results	6.18	6.04	6.18	6.18	6.18	6.30

Utility (PAC/UTC) Test	Cost Based		Market-Based			
	Minimum	Today	Alternate	Option	Maximum	
Net Benefits	\$149,042.89	\$93,172.96	\$177,715.76	\$186,204.13	\$165,122.45	\$86,848.99
Levelized Cost (kW)	\$39,2191	\$39,2191	\$39,2191	\$39,2191	\$39,2191	\$39,2191
Levelized Cost (kWh)	\$0.0037	\$0.0038	\$0.0037	\$0.0037	\$0.0037	\$0.0037
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
TRC Test						
Net Benefits	\$178,041.80	\$85,752.48	\$221,017.21	\$234,598.23	\$200,868.47	\$874,474.01
Levelized Cost (kW)	\$183,3494	\$183,3494	\$183,3494	\$183,3494	\$183,3494	\$183,3494
Levelized Cost (kWh)	\$0.0174	\$0.0178	\$0.0174	\$0.0174	\$0.0174	\$0.0174
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RIM Test						
Net Benefits	-\$161,830.42	-\$210,744.29	-\$133,157.55	-\$124,669.18	-\$145,750.86	\$269,152.25
Net Benefits (Net Fuel)	-\$95,605.34	-\$146,001.48	-\$66,932.47	-\$58,444.10	-\$79,525.78	\$336,679.14
Societal Test						
Net Benefits	\$178,041.80	\$85,752.48	\$221,017.21	\$234,598.23	\$200,868.47	\$874,474.01
Levelized Cost (kW)	\$183,3494	\$183,3494	\$183,3494	\$183,3494	\$183,3494	\$183,3494
Levelized Cost (kWh)	\$0.0174	\$0.0178	\$0.0174	\$0.0174	\$0.0174	\$0.0174
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Participant Test						
Net Benefits	\$445,410.89	\$433,799.79	\$445,410.89	\$445,410.89	\$445,410.89	\$455,613.10

Participants	kWh			Generator Meter
	Summer	Winter	Winter	
20	298,204	28,331	0,000	
	275,421	26,166	0,000	

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$7,500.00	\$0.00	\$0.00	\$12,500.00	\$20,000.00

Present Values (PVs) of Impacts	Cost Based		Market-Based			
	Minimum	Today	Alternate	Option	Maximum	
kWh (Discounted)	509.9553	509.9553	509.9553	509.9553	509.9553	509.9553
kWh (Undiscounted)	5367666.6576	5247525.6180	5367666.6576	5367666.6576	5367666	

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Participation and Total Participant Costs												
Year	Participation						Total Participant Costs Gross			Total Participant Costs Net Free Riders / Drop-Out		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net Free-Drop-out)	One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
1	20	0	20	0	20	20	\$86,000.00	\$0.00	\$86,000.00	\$86,000.00	\$0.00	\$86,000.00
2	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	0	0	20	0	20	20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	20	0	360	0	360	360	\$86,000	\$0	\$86,000	\$86,000	\$0	\$86,000

Impacts and Savings (Losses Included)																								
Year	Per Participant										Electric Impacts/Savings Cumulative						Yearly Incremental (Per Participant * Incremental Participants)							
	kWh	kWh (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)	kWh	kWh (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)		
1	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	298,204	298,204
2	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
3	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
4	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
5	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
6	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
7	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
8	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
9	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
10	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
11	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
12	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
13	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
14	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
15	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
16	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
17	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
18	1,574	1,574	1,417	1,417	0.000	0.000	14,910.19	14,910.19	31	31	28	28	0	0	298,204	298,204	0	0	0	0	0	0	0	0
19	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Totals	1,574	1,574	1,417	1,417	0.000	0.000	268,583	268,583	31	31	28	28	0	0	5,367,667	5,367,667	0	0	0	0	0	0	0	0

Lost Revenue Dollars (Losses Included)												
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)			Net Fuel		
	Electric	Gas	Total	Net Free-Drop-Out	Net Free-Drop-Out	Net Free-Drop-Out	Net Free-Drop-Out	Net Free-Drop-Out	Net Free-Drop-Out	Net Fuel	Net Fuel	Net Fuel
1	\$1,379.58	\$0.00	\$1,379.58	\$27,591.64	\$0.00	\$27,591.64	\$20,851.31	\$0.00	\$20,851.31			
2	\$1,434.77	\$0.00	\$1,434.77	\$28,695.31	\$0.00	\$28,695.31	\$21,954.97	\$0.00	\$21,954.97			
3	\$1,492.16	\$0.00	\$1,492.16	\$29,843.12	\$0.00	\$29,843.12	\$23,102.78	\$0.00	\$23,102.78			
4	\$1,551.84	\$0.00	\$1,551.84	\$31,036.84	\$0.00	\$31,036.84	\$24,296.51	\$0.00	\$24,296.51			
5	\$1,567.36	\$0.00	\$1,567.36	\$31,347.21	\$0.00	\$31,347.21	\$24,606.88	\$0.00	\$24,606.88			
6	\$1,583.03	\$0.00	\$1,583.03	\$31,660.68	\$0.00	\$31,660.68	\$24,920.35	\$0.00	\$24,920.35			
7	\$1,598.86	\$0.00	\$1,598.86	\$31,977.29	\$0.00	\$31,977.29	\$25,236.96	\$0.00	\$25,236.96			
8	\$1,614.85	\$0.00	\$1,614.85	\$32,297.06	\$0.00	\$32,297.06	\$25,556.73	\$0.00	\$25,556.73			
9	\$1,631.00	\$0.00	\$1,631.00	\$32,620.03	\$0.00	\$32,620.03	\$25,879.70	\$0.00	\$25,879.70			
10	\$1,647.31	\$0.00	\$1,647.31	\$32,946.23	\$0.00	\$32,946.23	\$26,205.90	\$0.00	\$26,205.90			
11	\$1,663.78	\$0.00	\$1,663.78	\$33,275.70	\$0.00	\$33,275.70	\$26,535.36	\$0.00	\$26,535.36			
12	\$1,680.42	\$0.00	\$1,680.42	\$33,608.45	\$0.00	\$33,608.45	\$26,868.12	\$0.00	\$26,868.12			
13	\$1,697.23	\$0.00	\$1,697.23	\$33,944.54	\$0.00	\$33,944.54	\$27,204.20	\$0.00	\$27,204.20			
14	\$1,714.20	\$0.00	\$1,714.20	\$34,283.98	\$0.00	\$34,283.98	\$27,543.65	\$0.00	\$27,543.65			
15	\$1,731.34	\$0.00	\$1,731.34	\$34,626.82	\$0.00	\$34,626.82	\$27,886.49	\$0.00	\$27,886.49			
16	\$1,748.65	\$0.00	\$1,748.65	\$34,973.09	\$0.00	\$34,973.09	\$28,232.76	\$0.00	\$28,232.76			
17	\$1,766.14	\$0.00	\$1,766.14	\$35,322.82	\$0.00	\$35,322.82	\$28,582.49	\$0.00	\$28,582.49			
18	\$1,783.80	\$0.00	\$1,783.80	\$35,676.05	\$0.00	\$35,676.05	\$28,935.72	\$0.00	\$28,935.72			
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Totals	\$29,286.34	\$0.00										

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Utility Program Costs (Losses Included)											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	T&D	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$7,500.00	\$0.00	\$12,500.00	\$0.00	\$20,000.00	\$705.94	\$705.94	\$0.07	\$0.07	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$7,500.00	\$0.00	\$12,500.00	\$0.00	\$20,000.00	\$705.94	\$705.94	\$0.07	\$0.07	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	
1	\$12,174.58	\$0.00	\$2,006.99	\$0.00	\$14,181.58	\$0.00	\$0.00	\$0.00	
2	\$12,919.63	\$0.00	\$2,029.43	\$0.00	\$14,949.06	\$0.00	\$0.00	\$0.00	
3	\$15,191.22	\$0.00	\$2,052.91	\$0.00	\$17,244.13	\$0.00	\$0.00	\$0.00	
4	\$15,384.55	\$0.00	\$2,039.33	\$0.00	\$17,423.88	\$0.00	\$0.00	\$0.00	
5	\$15,914.74	\$0.00	\$2,031.65	\$0.00	\$17,946.39	\$0.00	\$0.00	\$0.00	
6	\$16,714.06	\$0.00	\$2,007.61	\$0.00	\$18,721.67	\$0.00	\$0.00	\$0.00	
7	\$17,349.15	\$0.00	\$1,983.72	\$0.00	\$19,332.86	\$0.00	\$0.00	\$0.00	
8	\$17,796.23	\$0.00	\$1,960.83	\$0.00	\$19,757.06	\$0.00	\$0.00	\$0.00	
9	\$18,238.45	\$0.00	\$1,938.66	\$0.00	\$20,177.11	\$0.00	\$0.00	\$0.00	
10	\$18,396.53	\$0.00	\$1,916.36	\$0.00	\$20,312.89	\$0.00	\$0.00	\$0.00	
11	\$18,854.84	\$0.00	\$1,894.51	\$0.00	\$20,749.35	\$0.00	\$0.00	\$0.00	
12	\$19,286.12	\$0.00	\$1,872.81	\$0.00	\$20,958.94	\$0.00	\$0.00	\$0.00	
13	\$19,658.71	\$0.00	\$1,851.28	\$0.00	\$21,509.99	\$0.00	\$0.00	\$0.00	
14	\$20,248.47	\$0.00	\$1,830.20	\$0.00	\$22,078.67	\$0.00	\$0.00	\$0.00	
15	\$20,856.92	\$0.00	\$1,833.92	\$0.00	\$22,690.84	\$0.00	\$0.00	\$0.00	
16	\$21,481.60	\$0.00	\$1,837.75	\$0.00	\$23,319.34	\$0.00	\$0.00	\$0.00	
17	\$22,126.05	\$0.00	\$1,841.69	\$0.00	\$23,967.74	\$0.00	\$0.00	\$0.00	
18	\$22,789.83	\$0.00	\$1,845.75	\$0.00	\$24,635.58	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$325,190.68	\$0.00	\$34,775.39	\$0.00	\$359,966.06	\$0.00	\$0.00	\$0.00	

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	
1	\$12,174.58	\$0.00	\$2,006.99	\$0.00	\$14,181.58	\$0.00	\$0.00	\$0.00	
2	\$12,919.63	\$0.00	\$2,029.43	\$0.00	\$14,949.06	\$0.00	\$0.00	\$0.00	
3	\$15,191.22	\$0.00	\$2,052.91	\$0.00	\$17,244.13	\$0.00	\$0.00	\$0.00	
4	\$15,384.55	\$0.00	\$2,039.33	\$0.00	\$17,423.88	\$0.00	\$0.00	\$0.00	
5	\$15,914.74	\$0.00	\$2,031.65	\$0.00	\$17,946.39	\$0.00	\$0.00	\$0.00	
6	\$16,714.06	\$0.00	\$2,007.61	\$0.00	\$18,721.67	\$0.00	\$0.00	\$0.00	
7	\$17,349.15	\$0.00	\$1,983.72	\$0.00	\$19,332.86	\$0.00	\$0.00	\$0.00	
8	\$17,796.23	\$0.00	\$1,960.83	\$0.00	\$19,757.06	\$0.00	\$0.00	\$0.00	
9	\$18,238.45	\$0.00	\$1,938.66	\$0.00	\$20,177.11	\$0.00	\$0.00	\$0.00	
10	\$18,396.53	\$0.00	\$1,916.36	\$0.00	\$20,312.89	\$0.00	\$0.00	\$0.00	
11	\$18,854.84	\$0.00	\$1,894.51	\$0.00	\$20,749.35	\$0.00	\$0.00	\$0.00	
12	\$19,286.12	\$0.00	\$1,872.81	\$0.00	\$20,958.94	\$0.00	\$0.00	\$0.00	
13	\$19,658.71	\$0.00	\$1,851.28	\$0.00	\$21,509.99	\$0.00	\$0.00	\$0.00	
14	\$20,248.47	\$0.00	\$1,830.20	\$0.00	\$22,078.67	\$0.00	\$0.00	\$0.00	
15	\$20,856.92	\$0.00	\$1,833.92	\$0.00	\$22,690.84	\$0.00	\$0.00	\$0.00	
16	\$21,481.60	\$0.00	\$1,837.75	\$0.00	\$23,319.34	\$0.00	\$0.00	\$0.00	
17	\$22,126.05	\$0.00	\$1,841.69	\$0.00	\$23,967.74	\$0.00	\$0.00	\$0.00	
18	\$22,789.83	\$0.00	\$1,845.75	\$0.00	\$24,635.58	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00	\$0.00	

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	
1	\$8,750.56	\$1,106.32	\$2,006.99	\$0.00	\$11,863.87	\$0.00	\$0.00	\$0.00	
2	\$9,286.07	\$1,430.71	\$2,029.43	\$0.00	\$12,746.20	\$0.00	\$0.00	\$0.00	
3	\$10,916.78	\$1,591.39	\$2,052.91	\$0.00	\$14,479.09	\$0.00	\$0.00	\$0.00	
4	\$11,064.93	\$1,554.66	\$2,039.33	\$0.00	\$14,658.92	\$0.00	\$0.00	\$0.00	
5	\$11,438.82	\$1,563.86	\$2,031.65	\$0.00	\$15,034.33	\$0.00	\$0.00	\$0.00	
6	\$12,013.33	\$4,417.31	\$2,007.61	\$0.00	\$18,438.25	\$0.00	\$0.00	\$0.00	
7	\$12,469.81	\$4,417.31	\$1,983.72	\$0.00	\$18,870.83	\$0.00	\$0.00	\$0.00	
8	\$12,791.15	\$4,417.31	\$1,960.83	\$0.00	\$19,169.29	\$0.00	\$0.00	\$0.00	
9	\$13,109.00	\$4,417.31	\$1,938.66	\$0.00	\$19,464.97	\$0.00	\$0.00	\$0.00	
10	\$13,222.62	\$4,417.31	\$1,916.36	\$0.00	\$19,556.29	\$0.00	\$0.00	\$0.00	
11	\$13,552.03	\$4,417.31	\$1,894.51	\$0.00	\$19,863.85	\$0.00	\$0.00	\$0.00	
12	\$13,718.27	\$4,417.31	\$1,872.81	\$0.00	\$20,008.39	\$0.00	\$0.00	\$0.00	
13	\$14,129.82	\$4,417.31	\$1,851.28	\$0.00	\$20,398.41	\$0.00	\$0.00	\$0.00	
14	\$14,553.71	\$4,417.31	\$1,830.20	\$0.00	\$20,801.22	\$0.00	\$0.00	\$0.00	
15	\$14,990.32	\$4,417.31	\$1,833.92	\$0.00	\$21,241.55	\$0.00	\$0.00	\$0.00	
16	\$15,440.03	\$4,417.31	\$1,837.75	\$0.00	\$21,695.09	\$0.00	\$0.00	\$0.00	
17	\$15,903.23	\$4,417.31	\$1,841.69	\$0.00	\$22,162.23	\$0.00	\$0.00	\$0.00	
18	\$16,380.33	\$4,417.31	\$1,845.75	\$0.00	\$22,643.39	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$233,732.82	\$64,581.95	\$34,775.39	\$0.00	\$333,090.16	\$333,090.16	\$0.00	\$0.00	

03 Aggregation Results - 2017 - Sect=RES-EEP - Tech=GSHP.xlsx

Cost / Benefit Tests For Normal Weather					
	Cost Based	Market-Based			
		Minimum	Today	Alternate	Option
Utility (PAC) Test	7.6109194	5.843047052	8.883931077	9.189245813	8.43096768
TRC Test	2.547887364	1.931359484	2.962139057	3.066532709	2.808569399
RIM Test	0.624790531	0.488717283	0.729286808	0.754350263	0.692102792
RM (Net Fuel)	0.716950924	0.638475578	0.936556138	0.937711821	0.860333723
Societal Test	2.547887364	1.931359484	2.962139057	3.066532709	2.808569399
Participant Test	4.343285245	4.243854707	4.343285245	4.343285245	4.425379006

Cost of Conserved kWh, kW, and CCF				
100% Allocation		Nominal	Levelized	% Allocation
		\$12.5768	\$12.5768	100.00%
	Total Costs / kW Savings	\$0.052	\$0.052	100.00%
	Total Costs / kWh Savings	\$0.000	\$0.000	100.00%
	Total Costs / CCF Savings	\$0.000	\$0.000	100.00%
Allocated By Cost-Based Avoided Costs		\$0.000	\$0.000	
	Allocated Costs / kW Savings	\$2.0864	\$2.0864	16.67%
	Allocated Costs / kWh Savings	\$0.0043	\$0.0043	83.33%
	Allocated Costs / CCF Savings	\$0.000	\$0.000	0.00%

NET BENEFITS					
	Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
	\$228,329.76	\$30,000.00	\$198,329.76	7.61	Utility (PAC) Test
	\$360,780.85	\$141,600.00	\$219,180.85	2.55	TRC Test
	\$228,329.76	\$385,450.09	(\$157,120.34)	0.62	RIM Test
	\$228,329.76	\$293,989.44	(\$65,659.68)	0.78	RM (Net Fuel) Test
	\$360,780.85	\$141,600.00	\$219,180.85	2.55	Societal Test
	\$582,434.55	\$134,100.00	\$448,334.55	4.34	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
Utility (PAC) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$128,617.28	\$101,306.61	\$192,533.13	\$201,692.57	\$178,944.23	\$633,243.65
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$25,727.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$73,984.80	\$73,984.80	\$73,984.80	\$73,984.80	\$73,984.80	\$73,984.80
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$228,329.76	\$175,291.41	\$266,517.93	\$275,677.37	\$252,929.03	\$707,228.46
Administration Costs	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$22,500.00	\$22,500.00	\$22,500.00	\$22,500.00	\$22,500.00	\$22,500.00
Total	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	7.61	5.84	8.88	9.19	8.43	23.57
TRC Test						
Avoided Electric Production	\$205,781.94	\$162,086.08	\$308,044.47	\$322,699.17	\$286,302.83	\$1,013,161.76
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$43,604.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$111,394.42	\$111,394.42	\$111,394.42	\$111,394.42	\$111,394.42	\$111,394.42
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$380,780.85	\$273,480.50	\$419,438.89	\$434,093.59	\$397,697.25	\$1,124,556.19
Administration Costs	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$134,100.00	\$134,100.00	\$134,100.00	\$134,100.00	\$134,100.00	\$134,100.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.55	1.93	2.96	3.07	2.81	7.94
RIM Test						
Avoided Electric Production	\$128,617.28	\$101,306.61	\$192,533.13	\$201,692.57	\$178,944.23	\$633,243.65
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$25,727.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$73,984.80	\$73,984.80	\$73,984.80	\$73,984.80	\$73,984.80	\$73,984.80
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$228,329.76	\$175,291.41	\$266,517.93	\$275,677.37	\$252,929.03	\$707,228.46
Administration Costs	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$22,500.00	\$22,500.00	\$22,500.00	\$22,500.00	\$22,500.00	\$22,500.00
Total	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Loss Revenue (Electric)	\$335,450.09	\$327,944.10	\$335,450.09	\$335,450.09	\$335,450.09	\$342,045.32
Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$335,450.09	\$327,944.10	\$335,450.09	\$335,450.09	\$335,450.09	\$342,045.32
Net Fuel Lost Revenue (Electric)	\$263,989.44	\$258,082.90	\$263,989.44	\$263,989.44	\$263,989.44	\$269,179.93
Net Fuel Lost Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$263,989.44	\$258,082.90	\$263,989.44	\$263,989.44	\$263,989.44	\$269,179.93
Test Results	0.62	0.49	0.73	0.75	0.69	1.90
Societal Test						
Avoided Electric Production	\$205,781.94	\$162,086.08	\$308,044.47	\$322,699.17	\$286,302.83	\$1,013,161.76
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$43,604.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$111,394.42	\$111,394.42	\$111,394.42	\$111,394.42	\$111,394.42	\$111,394.42
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$380,780.85	\$273,480.50	\$419,438.89	\$434,093.59	\$397,697.25	\$1,124,556.19
Administration Costs	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$134,100.00	\$134,100.00	\$134,100.00	\$134,100.00	\$134,100.00	\$134,100.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.55	1.93	2.96	3.07	2.81	7.94
Participant Test						
Incentives	\$22,500.00	\$22,500.00	\$22,500.00	\$22,500.00	\$22,500.00	\$22,500.00
Participant Costs (gross)	\$134,100.00	\$134,100.00	\$134,100.00	\$134,100.00	\$134,100.00	\$134,100.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$559,934.55	\$547,405.52	\$559,934.55	\$559,934.55	\$559,934.55	\$570,943.32
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$559,934.55	\$547,405.52	\$559,934.55	\$559,934.55	\$559,934.55	\$570,943.32
Test Results	4.34	4.25	4.34	4.34	4.34	4.43

Utility (PAC/UTC) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Net Benefits	\$198,329.76	\$145,291.41	\$236,517.93	\$245,677.37	\$222,929.03	\$677,228.46
Levelized Cost (kW)	\$12.5768	\$12.5768	\$12.5768	\$12.5768	\$12.5768	\$12.5768
Levelized Cost (kWh)	\$0.0052	\$0.0053	\$0.0052	\$0.0052	\$0.0052	\$0.0051
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
TRC Test						
Net Benefits	\$219,180.85	\$131,880.50	\$277,838.89	\$292,493.59	\$256,097.25	\$892,956.19
Levelized Cost (kW)	\$59.3626	\$59.3626	\$59.3626	\$59.3626	\$59.3626	\$59.3626
Levelized Cost (kWh)	\$0.0244	\$0.0250	\$0.0244	\$0.0244	\$0.0244	\$0.0240
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RIM Test						
Net Benefits	-\$137,120.34	-\$182,652.69	-\$98,932.16	-\$89,772.72	-\$112,521.06	\$336,183.14
Net Benefits (Net Fuel)	-\$65,659.68	-\$112,791.49	-\$27,471.51	-\$18,312.07	-\$41,060.41	\$408,048.52
Societal Test						
Net Benefits	\$219,180.85	\$131,880.50	\$277,838.89	\$292,493.59	\$256,097.25	\$892,956.19
Levelized Cost (kW)	\$59.3626	\$59.3626	\$59.3626	\$59.3626	\$59.3626	\$59.3626
Levelized Cost (kWh)	\$0.0244	\$0.0250	\$0.0244	\$0.0244	\$0.0244	\$0.0240
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Participant Test						
Net Benefits	\$448,334.55	\$435,805.52	\$448,334.55	\$448,334.55	\$448,334.55	\$459,343.32

Participants	kWh			Summer MW		Winter kW		Generator
	2017	2018	2019	2017	2018	2019	2017	
a	321,779	231,851	108,668	23.851	108.668			Meiler
	297,195	22,029	100,366					

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$7,500.00	\$0.00	\$0.00	\$22,500.00	\$30,000.00

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	2385.3398	2385.3398	2385.3398	2385.3398	2385.3398	2385.3398
kWh (Undiscounted)	5792019.5755	5662380.5168	5792019.5755	5792019.5755	5792019.5755	5905876.7148

03 Aggregation Results - 2017 - Sect=RESDE-EEP - Tech=GSHP.xlsx

Utility Program Costs (Losses Included)											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	Other	Total	\$/kW	\$/kWh	\$/kWh/yr	\$/CCF	\$/CCF/yr	\$/CCF/yr	
1	\$7,500.00	\$0.00	\$22,500.00	\$0.00	\$30,000.00	\$226.38	\$226.38	\$0.09	\$0.09	\$0.00	
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$7,500.00	\$0.00	\$22,500.00	\$0.00	\$30,000.00	\$226.38	\$226.38	\$0.09	\$0.09	\$0.00	

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$13,137.07	\$0.00	\$7,698.19	\$0.00	\$20,835.26	\$0.00	\$0.00	\$0.00	\$0.00
2	\$13,941.02	\$0.00	\$7,784.24	\$0.00	\$21,725.26	\$0.00	\$0.00	\$0.00	\$0.00
3	\$16,392.19	\$0.00	\$7,874.30	\$0.00	\$24,266.49	\$0.00	\$0.00	\$0.00	\$0.00
4	\$16,611.60	\$0.00	\$7,922.22	\$0.00	\$24,533.82	\$0.00	\$0.00	\$0.00	\$0.00
5	\$17,172.92	\$0.00	\$7,792.74	\$0.00	\$24,965.66	\$0.00	\$0.00	\$0.00	\$0.00
6	\$18,035.43	\$0.00	\$7,700.53	\$0.00	\$25,735.96	\$0.00	\$0.00	\$0.00	\$0.00
7	\$18,720.72	\$0.00	\$7,808.89	\$0.00	\$26,529.62	\$0.00	\$0.00	\$0.00	\$0.00
8	\$19,203.15	\$0.00	\$7,521.10	\$0.00	\$26,724.25	\$0.00	\$0.00	\$0.00	\$0.00
9	\$19,680.33	\$0.00	\$7,436.07	\$0.00	\$27,116.40	\$0.00	\$0.00	\$0.00	\$0.00
10	\$19,850.91	\$0.00	\$7,350.55	\$0.00	\$27,201.46	\$0.00	\$0.00	\$0.00	\$0.00
11	\$20,345.45	\$0.00	\$7,266.72	\$0.00	\$27,612.18	\$0.00	\$0.00	\$0.00	\$0.00
12	\$20,595.02	\$0.00	\$7,183.51	\$0.00	\$27,778.53	\$0.00	\$0.00	\$0.00	\$0.00
13	\$21,212.87	\$0.00	\$7,100.92	\$0.00	\$28,313.79	\$0.00	\$0.00	\$0.00	\$0.00
14	\$21,849.25	\$0.00	\$7,020.05	\$0.00	\$28,869.31	\$0.00	\$0.00	\$0.00	\$0.00
15	\$22,504.73	\$0.00	\$7,034.31	\$0.00	\$29,539.04	\$0.00	\$0.00	\$0.00	\$0.00
16	\$23,179.87	\$0.00	\$7,049.00	\$0.00	\$30,228.88	\$0.00	\$0.00	\$0.00	\$0.00
17	\$23,875.27	\$0.00	\$7,064.13	\$0.00	\$30,939.40	\$0.00	\$0.00	\$0.00	\$0.00
18	\$24,591.53	\$0.00	\$7,079.71	\$0.00	\$31,671.24	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$350,899.35	\$0.00	\$133,387.19	\$0.00	\$484,286.54	\$0.00	\$0.00	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$13,137.07	\$0.00	\$7,698.19	\$0.00	\$20,835.26	\$0.00	\$0.00	\$0.00	\$0.00
2	\$13,941.02	\$0.00	\$7,784.24	\$0.00	\$21,725.26	\$0.00	\$0.00	\$0.00	\$0.00
3	\$16,392.19	\$0.00	\$7,874.30	\$0.00	\$24,266.49	\$0.00	\$0.00	\$0.00	\$0.00
4	\$16,611.60	\$0.00	\$7,922.22	\$0.00	\$24,533.82	\$0.00	\$0.00	\$0.00	\$0.00
5	\$17,172.92	\$0.00	\$7,792.74	\$0.00	\$24,965.66	\$0.00	\$0.00	\$0.00	\$0.00
6	\$18,035.43	\$0.00	\$7,700.53	\$0.00	\$25,735.96	\$0.00	\$0.00	\$0.00	\$0.00
7	\$18,720.72	\$0.00	\$7,808.89	\$0.00	\$26,529.62	\$0.00	\$0.00	\$0.00	\$0.00
8	\$19,203.15	\$0.00	\$7,521.10	\$0.00	\$26,724.25	\$0.00	\$0.00	\$0.00	\$0.00
9	\$19,680.33	\$0.00	\$7,436.07	\$0.00	\$27,116.40	\$0.00	\$0.00	\$0.00	\$0.00
10	\$19,850.91	\$0.00	\$7,350.55	\$0.00	\$27,201.46	\$0.00	\$0.00	\$0.00	\$0.00
11	\$20,345.45	\$0.00	\$7,266.72	\$0.00	\$27,612.18	\$0.00	\$0.00	\$0.00	\$0.00
12	\$20,595.02	\$0.00	\$7,183.51	\$0.00	\$27,778.53	\$0.00	\$0.00	\$0.00	\$0.00
13	\$21,212.87	\$0.00	\$7,100.92	\$0.00	\$28,313.79	\$0.00	\$0.00	\$0.00	\$0.00
14	\$21,849.25	\$0.00	\$7,020.05	\$0.00	\$28,869.31	\$0.00	\$0.00	\$0.00	\$0.00
15	\$22,504.73	\$0.00	\$7,034.31	\$0.00	\$29,539.04	\$0.00	\$0.00	\$0.00	\$0.00
16	\$23,179.87	\$0.00	\$7,049.00	\$0.00	\$30,228.88	\$0.00	\$0.00	\$0.00	\$0.00
17	\$23,875.27	\$0.00	\$7,064.13	\$0.00	\$30,939.40	\$0.00	\$0.00	\$0.00	\$0.00
18	\$24,591.53	\$0.00	\$7,079.71	\$0.00	\$31,671.24	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00	\$0.00	\$0.00

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$9,442.35	\$931.38	\$7,698.19	\$0.00	\$18,071.91	\$0.00	\$0.00	\$0.00	\$0.00
2	\$10,020.20	\$1,204.47	\$7,784.24	\$0.00	\$19,008.90	\$0.00	\$0.00	\$0.00	\$0.00
3	\$11,781.99	\$1,263.98	\$7,874.30	\$0.00	\$20,920.26	\$0.00	\$0.00	\$0.00	\$0.00
4	\$11,939.69	\$1,308.82	\$7,822.22	\$0.00	\$21,070.73	\$0.00	\$0.00	\$0.00	\$0.00
5	\$12,343.14	\$1,316.57	\$7,792.74	\$0.00	\$21,452.45	\$0.00	\$0.00	\$0.00	\$0.00
6	\$12,963.08	\$3,718.80	\$7,700.53	\$0.00	\$24,382.40	\$0.00	\$0.00	\$0.00	\$0.00
7	\$13,455.64	\$3,718.80	\$7,808.89	\$0.00	\$24,983.33	\$0.00	\$0.00	\$0.00	\$0.00
8	\$13,802.38	\$3,718.80	\$7,521.10	\$0.00	\$25,042.28	\$0.00	\$0.00	\$0.00	\$0.00
9	\$14,145.36	\$3,718.80	\$7,436.07	\$0.00	\$25,300.23	\$0.00	\$0.00	\$0.00	\$0.00
10	\$14,287.97	\$3,718.80	\$7,350.55	\$0.00	\$25,337.31	\$0.00	\$0.00	\$0.00	\$0.00
11	\$14,623.42	\$3,718.80	\$7,266.72	\$0.00	\$25,609.94	\$0.00	\$0.00	\$0.00	\$0.00
12	\$14,802.80	\$3,718.80	\$7,183.51	\$0.00	\$25,705.11	\$0.00	\$0.00	\$0.00	\$0.00
13	\$15,246.88	\$3,718.80	\$7,100.92	\$0.00	\$26,066.60	\$0.00	\$0.00	\$0.00	\$0.00
14	\$15,704.29	\$3,718.80	\$7,020.05	\$0.00	\$26,443.14	\$0.00	\$0.00	\$0.00	\$0.00
15	\$16,175.42	\$3,718.80	\$7,034.31	\$0.00	\$26,928.52	\$0.00	\$0.00	\$0.00	\$0.00
16	\$16,660.68	\$3,718.80	\$7,049.00	\$0.00	\$27,428.48	\$0.00	\$0.00	\$0.00	\$0.00
17	\$17,160.50	\$3,718.80	\$7,064.13	\$0.00	\$27,943.43	\$0.00	\$0.00	\$0.00	\$0.00
18	\$17,675.31	\$3,718.80	\$7,079.71	\$0.00	\$28,473.82	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$252,211.10	\$54,369.56	\$133,387.19	\$0.00	\$439,967.84	\$439,967.84	\$0.00	\$0.00	\$0.00

04 Aggregation Results - 2017 - Sect=RES-EEP - Tech=CAL.xlsx

Cost / Benefit Tests For Normal Weather					
	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
Utility (PAC) Test	2.749879368	1.962589431	3.105014535	3.236322335	2.911463399
TRC Test	10.62367753	7.464454209	11.84602954	12.34603203	11.10369804
RIM Test	0.479903683	0.350384622	0.541881193	0.524632714	0.509103019
RM (Net Fuel)	0.564417761	0.420222557	0.659902817	0.657519196	0.616756387
Societal Test	10.62367753	7.464454209	11.84602954	12.34603203	11.10369804
Participant Test	65535	65535	65535	65535	65535

Cost of Conserved kWh, kW, and CCF			
100% Allocation	Nominal		% Allocation
	Levelized	Levelized	
Total Costs / kW Savings	\$56,7736	\$56,7736	100.00%
Total Costs / kWh Savings	\$0.0132	\$0.0132	100.00%
Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
Allocated By Cost-Based Avoided Costs	\$0.0000	\$0.0000	
Allocated Costs / kW Savings	\$13.3207	\$13.3207	23.466%
Allocated Costs / kWh Savings	\$0.0101	\$0.0101	76.54%
Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$30,248.67	\$11,000.00	\$19,248.67	2.75	Utility (PAC) Test
\$45,150.63	\$4,250.00	\$40,900.63	10.62	TRC Test
\$30,248.67	\$63,030.72	(\$32,782.04)	0.48	RIM Test
\$30,248.67	\$51,758.65	(\$21,509.97)	0.58	RM (Net Fuel) Test
\$45,150.63	\$4,250.00	\$40,900.63	10.62	Societal Test
\$87,823.75	\$0.00	\$87,823.75	inf.	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
	Cost Based		Market-Based			
	Minimum	Today	Alternate	Option	Maximum	
Utility (PAC) Test						
Avoided Electric Production	\$20,047.94	\$17,533.55	\$30,100.24	\$31,534.29	\$27,971.18	\$92,457.27
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$6,145.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$4,054.92	\$4,054.92	\$4,054.92	\$4,054.92	\$4,054.92	\$4,054.92
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$30,248.67	\$21,588.47	\$34,155.16	\$35,589.20	\$32,026.10	\$96,512.19
Administration Costs	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00
Implementation / Participation Costs	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$6,750.00	\$6,750.00	\$6,750.00	\$6,750.00	\$6,750.00	\$6,750.00
Total	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.75	1.96	3.11	3.24	2.91	8.77
TRC Test						
Avoided Electric Production	\$29,707.64	\$25,981.75	\$44,603.44	\$46,728.45	\$41,448.53	\$137,005.97
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$9,700.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$5,742.18	\$5,742.18	\$5,742.18	\$5,742.18	\$5,742.18	\$5,742.18
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$45,150.63	\$31,723.93	\$50,345.63	\$52,470.64	\$47,190.72	\$142,748.15
Administration Costs	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00
Implementation / Participation Costs	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$4,250.00	\$4,250.00	\$4,250.00	\$4,250.00	\$4,250.00	\$4,250.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	10.62	7.46	11.85	12.35	11.10	33.59
RIM Test						
Avoided Electric Production	\$20,047.94	\$17,533.55	\$30,100.24	\$31,534.29	\$27,971.18	\$92,457.27
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$6,145.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$4,054.92	\$4,054.92	\$4,054.92	\$4,054.92	\$4,054.92	\$4,054.92
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$30,248.67	\$21,588.47	\$34,155.16	\$35,589.20	\$32,026.10	\$96,512.19
Administration Costs	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00
Implementation / Participation Costs	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$6,750.00	\$6,750.00	\$6,750.00	\$6,750.00	\$6,750.00	\$6,750.00
Total	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Net Revenue (Electric)	\$52,030.72	\$50,613.64	\$52,030.72	\$52,030.72	\$52,030.72	\$52,920.53
Lost Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$52,030.72	\$50,613.64	\$52,030.72	\$52,030.72	\$52,030.72	\$52,920.53
Net Fuel Lost Revenue (Electric)	\$40,758.65	\$39,649.52	\$40,758.65	\$40,758.65	\$40,758.65	\$41,456.18
Net Fuel Lost Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$40,758.65	\$39,649.52	\$40,758.65	\$40,758.65	\$40,758.65	\$41,456.18
Test Results	0.48	0.35	0.54	0.56	0.51	1.51
	0.58	0.43	0.66	0.69	0.62	1.84
Societal Test						
Avoided Electric Production	\$29,707.64	\$25,981.75	\$44,603.44	\$46,728.45	\$41,448.53	\$137,005.97
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$9,700.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$5,742.18	\$5,742.18	\$5,742.18	\$5,742.18	\$5,742.18	\$5,742.18
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$45,150.63	\$31,723.93	\$50,345.63	\$52,470.64	\$47,190.72	\$142,748.15
Administration Costs	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00
Implementation / Participation Costs	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00	\$2,050.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$4,250.00	\$4,250.00	\$4,250.00	\$4,250.00	\$4,250.00	\$4,250.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	10.62	7.46	11.85	12.35	11.10	33.59
Participant Test						
Incentives	\$6,750.00	\$6,750.00	\$6,750.00	\$6,750.00	\$6,750.00	\$6,750.00
Participant Costs (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$81,073.75	\$78,865.67	\$81,073.75	\$81,073.75	\$81,073.75	\$82,460.24
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$81,073.75	\$78,865.67	\$81,073.75	\$81,073.75	\$81,073.75	\$82,460.24
Test Results	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Utility (PAC/UTC) Test	Cost Based		Market-Based			
	Minimum	Today	Alternate	Option	Maximum	
Utility (PAC/UTC) Test						
Net Benefits	\$19,248.67	\$10,588.47	\$23,155.16	\$24,589.20	\$21,026.10	\$85,512.19
Levelized Cost (kW)	\$56,7736	\$56,7736	\$56,7736	\$56,7736	\$56,7736	\$56,7736
Levelized Cost (kWh)	\$0.0132	\$0.0132	\$0.0132	\$0.0132	\$0.0132	\$0.0132
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
TRC Test						
Net Benefits	\$40,900.63	\$27,473.93	\$46,095.63	\$48,220.64	\$42,940.72	\$138,498.15
Levelized Cost (kW)	\$21,9353	\$21,9353	\$21,9353	\$21,9353	\$21,9353	\$21,9353
Levelized Cost (kWh)	\$0.0051	\$0.0053	\$0.0051	\$0.0051	\$0.0051	\$0.0051
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RIM Test						
Net Benefits	-\$32,782.04	-\$40,025.17	-\$28,875.56	-\$27,441.51	-\$31,004.62	\$32,591.67
Net Benefits (Net Fuel)	-\$21,609.97	-\$29,061.04	-\$17,603.49	-\$16,169.44	-\$19,732.55	\$44,056.01
Societal Test						
Net Benefits	\$40,900.63	\$27,473.93	\$46,095.63	\$48,220.64	\$42,940.72	\$138,498.15
Levelized Cost (kW)	\$21,9353	\$21,9353	\$21,9353	\$21,9353	\$21,9353	\$21,9353
Levelized Cost (kWh)	\$0.0051	\$0.0053	\$0.0051	\$0.0051	\$0.0051	\$0.0051
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Participant Test						
Net Benefits	\$87,823.75	\$85,615.67	\$87,823.75	\$87,823.75	\$87,823.75	\$89,210.24

Participants	kWh	Summer kWh	Winter kWh	Generator
1500	55,348	6,458	6,458	Meiler
	51,120	5,965	5,965	

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$2,200.00	\$2,050.00	\$0.00	\$6,750.00	\$11,000.00

Present Values (PVs) of Impacts					
	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	193.7520	193.7520	193.7520	193.7520	193.7520
kWh (Discounted)	830227.3200	807546.2671	830227.3200	830227.3200	844388.9512
CCF (Discounted)	0.0000	0.0000	0.0000	0.0000	0.0000
kWh (Undiscounted)	193.7520	193.7520	193.7520	193.7520	193.7520
kWh (Undiscounted)	830227.3200	807546.2671	830227.3200	830227.3200	844388.9512
CCF (Undiscounted)	0.0000	0.0000	0.0000	0.0000	0.0000

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Participation and Total Participant Costs												
Year	Participation						Total Participant Costs			Total Participant Costs		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net free-drop-out)	Gross			Net Free Riders / Drop-Out		
							One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
1	1500	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	1500	0	1500	1500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	1,500	0	22,500	0	22,500	22,500	\$0	\$0	\$0	\$0	\$0	\$0

Impacts and Savings (Losses Included)																										
Year	Per Participant										Electric Impacts/Savings															
	kW		Summer Coin kW		Winter Coin kW		kWh		kWh (net)		Cumulative					Yearly Incremental (Per Participant * Incremental Participants)										
	kW	kW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)	kW	kW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)	kW	kW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)		
1	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	68	68	6	6	6	6	6	6	55,348	55,348
2	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
3	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
4	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
5	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
6	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
7	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
8	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
9	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
10	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
11	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
12	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
13	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
14	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
15	0.045	0.045	0.004	0.004	0.004	0.004	36.90	36.90	68	68	6	6	6	6	55,348	55,348	0	0	0	0	0	0	0	0	0	0
16	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals							553	553							830,227	830,227									55,348	55,348

Lost Revenue Dollars (Losses Included)												
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)					
	Electric	Gas	Total	Net Free-Drop-Out	Net Free-Drop-Out	Net Free-Drop-Out	Net Fuel	Net Fuel	Net Fuel			
	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas	Total			
1	\$3.29	\$0.00	\$3.29	\$5,089.08	\$0.00	\$5,089.08	\$3,838.04	\$0.00	\$3,838.04			
2	\$3.53	\$0.00	\$3.53	\$5,292.65	\$0.00	\$5,292.65	\$4,041.60	\$0.00	\$4,041.60			
3	\$3.67	\$0.00	\$3.67	\$5,504.35	\$0.00	\$5,504.35	\$4,253.31	\$0.00	\$4,253.31			
4	\$3.82	\$0.00	\$3.82	\$5,724.53	\$0.00	\$5,724.53	\$4,473.48	\$0.00	\$4,473.48			
5	\$3.85	\$0.00	\$3.85	\$5,781.77	\$0.00	\$5,781.77	\$4,530.72	\$0.00	\$4,530.72			
6	\$3.89	\$0.00	\$3.89	\$5,839.59	\$0.00	\$5,839.59	\$4,589.54	\$0.00	\$4,589.54			
7	\$3.93	\$0.00	\$3.93	\$5,897.99	\$0.00	\$5,897.99	\$4,646.94	\$0.00	\$4,646.94			
8	\$3.97	\$0.00	\$3.97	\$5,956.97	\$0.00	\$5,956.97	\$4,705.92	\$0.00	\$4,705.92			
9	\$4.01	\$0.00	\$4.01	\$6,016.54	\$0.00	\$6,016.54	\$4,765.49	\$0.00	\$4,765.49			
10	\$4.05	\$0.00	\$4.05	\$6,076.70	\$0.00	\$6,076.70	\$4,825.65	\$0.00	\$4,825.65			
11	\$4.09	\$0.00	\$4.09	\$6,137.47	\$0.00	\$6,137.47	\$4,886.42	\$0.00	\$4,886.42			
12	\$4.13	\$0.00	\$4.13	\$6,198.84	\$0.00	\$6,198.84	\$4,947.80	\$0.00	\$4,947.80			
13	\$4.17	\$0.00	\$4.17	\$6,260.83	\$0.00	\$6,260.83	\$5,009.78	\$0.00	\$5,009.78			
14	\$4.22	\$0.00	\$4.22	\$6,323.44	\$0.00	\$6,323.44	\$5,072.39	\$0.00	\$5,072.39			
15	\$4.26	\$0.00	\$4.26	\$6,386.68	\$0.00	\$6,386.68	\$5,135.63	\$0.00	\$5,135.63			
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Totals	\$58.99	\$0.00	\$58.99	\$88,487.43	\$0.00	\$88,487.43	\$69,721.71	\$0.00	\$69,721.71			

04 Aggregation Results - 2017 - Sect=RES-D-E-E-P - Tech=CAL.xlsx

Utility Program Costs (Losses Included)											
Year	Overall Costs					Total Costs per kW, kWh, and CCF Saved					
	Administration	Implementation	Enrollment	Other	Total	\$/kW	\$/kWh (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$2,200.00	\$2,050.00	\$6,750.00	\$0.00	\$11,000.00	\$851.60	\$851.60	\$0.20	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$2,200.00	\$2,050.00	\$6,750.00	\$0.00	\$11,000.00	\$851.60	\$851.60	\$0.20	\$0.20	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario						
Year	Cumulative Electric				Cumulative Gas	
	Energy	Address/Capacity	T&D	Auxiliary	Gas Distribution	Gas Commodity
1	\$2,303.69	\$0.00	\$457.52	\$0.00	\$2,761.21	\$0.00
2	\$2,444.67	\$0.00	\$462.64	\$0.00	\$2,907.30	\$0.00
3	\$2,674.50	\$0.00	\$467.99	\$0.00	\$3,242.49	\$0.00
4	\$2,912.97	\$0.00	\$464.89	\$0.00	\$3,377.87	\$0.00
5	\$3,011.41	\$0.00	\$463.14	\$0.00	\$3,474.55	\$0.00
6	\$3,162.65	\$0.00	\$457.66	\$0.00	\$3,620.31	\$0.00
7	\$3,282.82	\$0.00	\$452.21	\$0.00	\$3,735.04	\$0.00
8	\$3,267.42	\$0.00	\$447.00	\$0.00	\$3,814.42	\$0.00
9	\$3,451.10	\$0.00	\$441.94	\$0.00	\$3,893.04	\$0.00
10	\$3,481.01	\$0.00	\$436.86	\$0.00	\$3,917.87	\$0.00
11	\$3,567.73	\$0.00	\$431.88	\$0.00	\$3,999.61	\$0.00
12	\$3,611.50	\$0.00	\$426.93	\$0.00	\$4,036.43	\$0.00
13	\$3,719.84	\$0.00	\$422.02	\$0.00	\$4,141.87	\$0.00
14	\$3,831.44	\$0.00	\$417.22	\$0.00	\$4,248.66	\$0.00
15	\$3,946.38	\$0.00	\$418.07	\$0.00	\$4,364.45	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$48,969.13	\$0.00	\$6,667.98	\$0.00	\$55,637.11	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value						
Year	Cumulative Electric				Cumulative Gas	
	Energy	Address/Capacity	T&D	Auxiliary	Gas Distribution	Gas Commodity
1	\$2,303.69	\$0.00	\$457.52	\$0.00	\$2,761.21	\$0.00
2	\$2,444.67	\$0.00	\$462.64	\$0.00	\$2,907.30	\$0.00
3	\$2,674.50	\$0.00	\$467.99	\$0.00	\$3,242.49	\$0.00
4	\$2,912.97	\$0.00	\$464.89	\$0.00	\$3,377.87	\$0.00
5	\$3,011.41	\$0.00	\$463.14	\$0.00	\$3,474.55	\$0.00
6	\$3,162.65	\$0.00	\$457.66	\$0.00	\$3,620.31	\$0.00
7	\$3,282.82	\$0.00	\$452.21	\$0.00	\$3,735.04	\$0.00
8	\$3,267.42	\$0.00	\$447.00	\$0.00	\$3,814.42	\$0.00
9	\$3,451.10	\$0.00	\$441.94	\$0.00	\$3,893.04	\$0.00
10	\$3,481.01	\$0.00	\$436.86	\$0.00	\$3,917.87	\$0.00
11	\$3,567.73	\$0.00	\$431.88	\$0.00	\$3,999.61	\$0.00
12	\$3,611.50	\$0.00	\$426.93	\$0.00	\$4,036.43	\$0.00
13	\$3,719.84	\$0.00	\$422.02	\$0.00	\$4,141.87	\$0.00
14	\$3,831.44	\$0.00	\$417.22	\$0.00	\$4,248.66	\$0.00
15	\$3,946.38	\$0.00	\$418.07	\$0.00	\$4,364.45	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)						
Year	Cumulative Electric				Cumulative Gas	
	Energy	Capacity	T&D	Auxiliary	Gas Distribution	Gas Commodity
1	\$1,651.13	\$252.20	\$457.52	\$0.00	\$2,360.86	\$0.00
2	\$1,752.18	\$326.15	\$462.64	\$0.00	\$2,540.96	\$0.00
3	\$2,060.26	\$342.26	\$467.99	\$0.00	\$2,870.51	\$0.00
4	\$2,087.83	\$354.40	\$464.89	\$0.00	\$2,907.13	\$0.00
5	\$2,158.38	\$356.50	\$463.14	\$0.00	\$2,978.03	\$0.00
6	\$2,266.79	\$1,006.99	\$457.66	\$0.00	\$3,731.43	\$0.00
7	\$2,352.92	\$1,006.99	\$452.21	\$0.00	\$3,812.12	\$0.00
8	\$2,413.55	\$1,006.99	\$447.00	\$0.00	\$3,867.53	\$0.00
9	\$2,473.53	\$1,006.99	\$441.94	\$0.00	\$3,922.45	\$0.00
10	\$2,494.96	\$1,006.99	\$436.86	\$0.00	\$3,938.81	\$0.00
11	\$2,557.12	\$1,006.99	\$431.88	\$0.00	\$3,995.99	\$0.00
12	\$2,588.49	\$1,006.99	\$426.93	\$0.00	\$4,022.41	\$0.00
13	\$2,666.14	\$1,006.99	\$422.02	\$0.00	\$4,095.15	\$0.00
14	\$2,746.13	\$1,006.99	\$417.22	\$0.00	\$4,170.33	\$0.00
15	\$2,828.51	\$1,006.99	\$418.07	\$0.00	\$4,253.56	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$36,097.92	\$11,701.37	\$6,667.98	\$0.00	\$53,467.27	\$0.00

05 Aggregation Results - 2017 - Sect=RES-EEP - Tech=ALL.xlsx

Cost / Benefit Tests For Normal Weather	Cost Based		Market-Based			
	Base	Minimum	Today	Alternate	Option	Maximum
Utility (PAC) Test	6.332206111	4.536048492	7.052111015	7.307084677	6.673811143	19.23272811
TRC Test	2.860735826	2.03121259	3.216187901	3.336187497	3.03814763	8.952816199
RIM Test	0.612784434	0.448186543	0.682451547	0.707126027	0.645842462	1.829440122
RM (Net Fuel)	0.175980717	0.354889862	0.945387357	0.975952897	0.930037826	2.267220121
Societal Test	2.860735826	2.03121259	3.216187901	3.336187497	3.03814763	8.952816199
Participant Test	5.467742139	5.347709519	5.467742139	5.467742139	5.467742139	5.570630818

Cost of Conserved kWh, kW, and CCF	100% Allocation		
	Nominal	Levelized	% Allocation
Total Costs / kW Savings	\$21,2701	\$21,2701	100.00%
Total Cost / kWh Savings	\$0.0062	\$0.0062	100.00%
Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
Allocated By Cost-Based Avoided Costs	\$0.0000	\$0.0000	
Allocated Costs / kW Savings	\$4.8601	\$4.8601	22.85%
Allocated Costs / kWh Savings	\$0.0048	\$0.0048	77.15%
Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$474,767.46	\$76,000.00	\$398,915.46	6.33	Utility (PAC) Test
\$724,916.46	\$253,350.00	\$471,417.42	2.86	TRC Test
\$474,916.46	\$775,012.27	(\$300,096.82)	0.61	RIM Test
\$474,916.46	\$625,640.21	(\$150,724.75)	0.76	RM (Net Fuel) Test
\$724,916.46	\$253,350.00	\$471,417.42	2.86	Societal Test
\$1,203,450.04	\$220,100.00	\$983,350.04	5.47	Participant Test

Present Values (PVs) of Costs and Benefits Per Test	Cost Based		Market-Based			
	Base	Minimum	Today	Alternate	Option	Maximum
Utility (PAC) Test						
Avoided Electric Production	\$268,428.76	\$213,216.90	\$401,921.58	\$421,044.61	\$373,549.09	\$1,315,809.12
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$79,499.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$126,986.74	\$126,986.74	\$126,986.74	\$126,986.74	\$126,986.74	\$126,986.74
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$474,915.46	\$340,203.64	\$528,908.33	\$548,031.35	\$500,535.84	\$1,442,795.86
Administration Costs	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00
Implementation / Participation Costs	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$41,750.00	\$41,750.00	\$41,750.00	\$41,750.00	\$41,750.00	\$41,750.00
Total	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	6.33	4.54	7.05	7.31	6.67	19.24
TRC Test						
Avoided Electric Production	\$426,764.31	\$338,771.02	\$638,984.51	\$669,386.41	\$593,878.01	\$2,092,359.29
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$122,166.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$175,836.69	\$175,836.69	\$175,836.69	\$175,836.69	\$175,836.69	\$175,836.69
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$724,767.42	\$514,607.71	\$814,821.20	\$845,223.10	\$769,714.70	\$2,268,195.98
Administration Costs	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00
Implementation / Participation Costs	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$33,250.00	\$33,250.00	\$33,250.00	\$33,250.00	\$33,250.00	\$33,250.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$220,100.00	\$220,100.00	\$220,100.00	\$220,100.00	\$220,100.00	\$220,100.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.86	2.03	3.22	3.34	3.04	8.95
RIM Test						
Avoided Electric Production	\$268,428.76	\$213,216.90	\$401,921.58	\$421,044.61	\$373,549.09	\$1,315,809.12
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$79,499.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$126,986.74	\$126,986.74	\$126,986.74	\$126,986.74	\$126,986.74	\$126,986.74
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$474,915.46	\$340,203.64	\$528,908.33	\$548,031.35	\$500,535.84	\$1,442,795.86
Administration Costs	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00
Implementation / Participation Costs	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$41,750.00	\$41,750.00	\$41,750.00	\$41,750.00	\$41,750.00	\$41,750.00
Total	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Loss Revenue (Electric)	\$700,012.27	\$684,067.05	\$700,012.27	\$700,012.27	\$700,012.27	\$713,654.32
Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$700,012.27	\$684,067.05	\$700,012.27	\$700,012.27	\$700,012.27	\$713,654.32
Net Fuel Loss Revenue (Electric)	\$550,640.21	\$538,101.17	\$550,640.21	\$550,640.21	\$550,640.21	\$561,372.20
Net Fuel Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$550,640.21	\$538,101.17	\$550,640.21	\$550,640.21	\$550,640.21	\$561,372.20
Test Results	0.61	0.45	0.68	0.71	0.65	1.83
0.76	0.55	0.85	0.88	0.80	2.27	
Societal Test						
Avoided Electric Production	\$426,764.31	\$338,771.02	\$638,984.51	\$669,386.41	\$593,878.01	\$2,092,359.29
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$122,166.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$175,836.69	\$175,836.69	\$175,836.69	\$175,836.69	\$175,836.69	\$175,836.69
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$724,767.42	\$514,607.71	\$814,821.20	\$845,223.10	\$769,714.70	\$2,268,195.98
Administration Costs	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00	\$20,575.00
Implementation / Participation Costs	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$33,250.00	\$33,250.00	\$33,250.00	\$33,250.00	\$33,250.00	\$33,250.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$220,100.00	\$220,100.00	\$220,100.00	\$220,100.00	\$220,100.00	\$220,100.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.86	2.03	3.22	3.34	3.04	8.95
Participant Test						
Incentives	\$41,750.00	\$41,750.00	\$41,750.00	\$41,750.00	\$41,750.00	\$41,750.00
Participant Costs (gross)	\$220,100.00	\$220,100.00	\$220,100.00	\$220,100.00	\$220,100.00	\$220,100.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$1,161,700.04	\$1,135,280.87	\$1,161,700.04	\$1,161,700.04	\$1,161,700.04	\$1,184,345.84
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$1,161,700.04	\$1,135,280.87	\$1,161,700.04	\$1,161,700.04	\$1,161,700.04	\$1,184,345.84
Test Results	5.47	5.35	5.47	5.47	5.47	5.57

Utility (PAC/UTC) Test	Cost Based		Market-Based			
	Base	Minimum	Today	Alternate	Option	Maximum
Net Benefits	\$399,915.46	\$265,203.64	\$453,908.33	\$473,031.35	\$425,535.84	\$1,367,795.96
Levelized Cost (kW)	\$21,2701	\$21,2701	\$21,2701	\$21,2701	\$21,2701	\$21,2701
Levelized Cost (kWh)	\$0.0062	\$0.0062	\$0.0062	\$0.0062	\$0.0062	\$0.0062
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
TRC Test						
Net Benefits	\$471,417.42	\$261,257.71	\$561,471.20	\$591,873.10	\$516,364.70	\$2,014,845.98
Levelized Cost (kW)	\$71,8502	\$71,8502	\$71,8502	\$71,8502	\$71,8502	\$71,8502
Levelized Cost (kWh)	\$0.0211	\$0.0216	\$0.0211	\$0.0211	\$0.0211	\$0.0207
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RIM Test						
Net Benefits	(\$300,096.82)	(\$418,863.41)	(\$246,103.95)	(\$226,980.92)	(\$274,476.44)	\$654,141.54
Net Benefits (Net Fuel)	(\$150,724.75)	(\$272,897.54)	(\$96,731.89)	(\$77,608.86)	(\$125,104.38)	\$806,423.66
Societal Test						
Net Benefits	\$471,417.42	\$261,257.71	\$561,471.20	\$591,873.10	\$516,364.70	\$2,014,845.98
Levelized Cost (kW)	\$71,8502	\$71,8502	\$71,8502	\$71,8502	\$71,8502	\$71,8502
Levelized Cost (kWh)	\$0.0211	\$0.0216	\$0.0211	\$0.0211	\$0.0211	\$0.0207
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Participant Test						
Net Benefits	\$983,350.04	\$956,930.87	\$983,350.04	\$983,350.04	\$983,350.04	\$1,005,995.84

Participants	kWh		Summer kWh		Winter kWh		Generator Meter
	2120	693,659	495,677	115,128	115,128		

05 Aggregation Results - 2017 - Sect=RES-D-E-E-P - Tech=ALL.xlsx

Utility Program Costs (Losses Included)											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	Other	Total	\$/kW	\$/kWh	\$/kWh	\$/kWh	\$/CCF	\$/CCF	
1	\$20,575.00	\$12,675.00	\$41,750.00	\$75,000.00	\$122.79	\$122.79	\$0.11	\$0.11	\$0.00	\$0.00	
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$20,575.00	\$12,675.00	\$41,750.00	\$75,000.00	\$122.79	\$122.79	\$0.11	\$0.11	\$0.00	\$0.00	

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Ancillary	Total	Gas Distribution	Gas Commodity	Total	
1	\$26,415.17	\$0.00	\$39,821.13	\$0.00	\$68,236.30	\$0.00	\$0.00	\$0.00	
2	\$29,305.32	\$0.00	\$10,276.30	\$0.00	\$39,581.62	\$0.00	\$0.00	\$0.00	
3	\$34,457.91	\$0.00	\$10,395.19	\$0.00	\$44,853.11	\$0.00	\$0.00	\$0.00	
4	\$34,919.13	\$0.00	\$10,326.44	\$0.00	\$45,245.57	\$0.00	\$0.00	\$0.00	
5	\$36,099.07	\$0.00	\$10,287.53	\$0.00	\$46,386.60	\$0.00	\$0.00	\$0.00	
6	\$37,912.14	\$0.00	\$10,165.80	\$0.00	\$48,077.94	\$0.00	\$0.00	\$0.00	
7	\$39,352.69	\$0.00	\$10,044.83	\$0.00	\$49,397.52	\$0.00	\$0.00	\$0.00	
8	\$40,369.80	\$0.00	\$9,926.93	\$0.00	\$50,296.73	\$0.00	\$0.00	\$0.00	
9	\$41,369.88	\$0.00	\$9,816.67	\$0.00	\$51,186.55	\$0.00	\$0.00	\$0.00	
10	\$41,728.45	\$0.00	\$9,703.78	\$0.00	\$51,432.23	\$0.00	\$0.00	\$0.00	
11	\$42,768.03	\$0.00	\$9,593.11	\$0.00	\$52,361.14	\$0.00	\$0.00	\$0.00	
12	\$43,292.64	\$0.00	\$9,483.26	\$0.00	\$52,775.90	\$0.00	\$0.00	\$0.00	
13	\$44,591.42	\$0.00	\$9,374.23	\$0.00	\$53,965.65	\$0.00	\$0.00	\$0.00	
14	\$45,929.16	\$0.00	\$9,267.47	\$0.00	\$55,196.63	\$0.00	\$0.00	\$0.00	
15	\$47,307.03	\$0.00	\$9,286.29	\$0.00	\$56,593.33	\$0.00	\$0.00	\$0.00	
16	\$44,661.47	\$0.00	\$8,986.75	\$0.00	\$53,648.22	\$0.00	\$0.00	\$0.00	
17	\$46,001.32	\$0.00	\$8,905.82	\$0.00	\$54,907.14	\$0.00	\$0.00	\$0.00	
18	\$47,381.36	\$0.00	\$8,925.47	\$0.00	\$56,306.82	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$725,858.99	\$0.00	\$204,488.99	\$0.00	\$930,347.98	\$0.00	\$0.00	\$0.00	

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Ancillary	Total	Gas Distribution	Gas Commodity	Total	
1	\$26,415.17	\$0.00	\$39,821.13	\$0.00	\$68,236.30	\$0.00	\$0.00	\$0.00	
2	\$29,305.32	\$0.00	\$10,276.30	\$0.00	\$39,581.62	\$0.00	\$0.00	\$0.00	
3	\$34,457.91	\$0.00	\$10,395.19	\$0.00	\$44,853.11	\$0.00	\$0.00	\$0.00	
4	\$34,919.13	\$0.00	\$10,326.44	\$0.00	\$45,245.57	\$0.00	\$0.00	\$0.00	
5	\$36,099.07	\$0.00	\$10,287.53	\$0.00	\$46,386.60	\$0.00	\$0.00	\$0.00	
6	\$37,912.14	\$0.00	\$10,165.80	\$0.00	\$48,077.94	\$0.00	\$0.00	\$0.00	
7	\$39,352.69	\$0.00	\$10,044.83	\$0.00	\$49,397.52	\$0.00	\$0.00	\$0.00	
8	\$40,369.80	\$0.00	\$9,926.93	\$0.00	\$50,296.73	\$0.00	\$0.00	\$0.00	
9	\$41,369.88	\$0.00	\$9,816.67	\$0.00	\$51,186.55	\$0.00	\$0.00	\$0.00	
10	\$41,728.45	\$0.00	\$9,703.78	\$0.00	\$51,432.23	\$0.00	\$0.00	\$0.00	
11	\$42,768.03	\$0.00	\$9,593.11	\$0.00	\$52,361.14	\$0.00	\$0.00	\$0.00	
12	\$43,292.64	\$0.00	\$9,483.26	\$0.00	\$52,775.90	\$0.00	\$0.00	\$0.00	
13	\$44,591.42	\$0.00	\$9,374.23	\$0.00	\$53,965.65	\$0.00	\$0.00	\$0.00	
14	\$45,929.16	\$0.00	\$9,267.47	\$0.00	\$55,196.63	\$0.00	\$0.00	\$0.00	
15	\$47,307.03	\$0.00	\$9,286.29	\$0.00	\$56,593.33	\$0.00	\$0.00	\$0.00	
16	\$44,661.47	\$0.00	\$8,986.75	\$0.00	\$53,648.22	\$0.00	\$0.00	\$0.00	
17	\$46,001.32	\$0.00	\$8,905.82	\$0.00	\$54,907.14	\$0.00	\$0.00	\$0.00	
18	\$47,381.36	\$0.00	\$8,925.47	\$0.00	\$56,306.82	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00	\$0.00	

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Capacity	T&D	Ancillary	Total	Gas Distribution	Gas Commodity	Total	
1	\$20,413.47	\$19,356.18	\$39,821.13	\$0.00	\$79,590.78	\$0.00	\$0.00	\$0.00	
2	\$21,058.44	\$2,961.33	\$10,276.30	\$0.00	\$34,296.07	\$0.00	\$0.00	\$0.00	
3	\$24,761.03	\$3,107.63	\$10,395.19	\$0.00	\$38,263.86	\$0.00	\$0.00	\$0.00	
4	\$25,092.46	\$3,217.88	\$10,326.44	\$0.00	\$38,636.77	\$0.00	\$0.00	\$0.00	
5	\$25,940.35	\$3,236.93	\$10,287.53	\$0.00	\$39,464.81	\$0.00	\$0.00	\$0.00	
6	\$27,243.19	\$9,143.09	\$10,165.80	\$0.00	\$46,552.08	\$0.00	\$0.00	\$0.00	
7	\$28,276.36	\$9,143.09	\$10,044.83	\$0.00	\$47,464.28	\$0.00	\$0.00	\$0.00	
8	\$29,007.09	\$9,143.09	\$9,926.93	\$0.00	\$48,079.10	\$0.00	\$0.00	\$0.00	
9	\$29,727.88	\$9,143.09	\$9,816.67	\$0.00	\$48,687.65	\$0.00	\$0.00	\$0.00	
10	\$29,985.55	\$9,143.09	\$9,703.78	\$0.00	\$48,832.42	\$0.00	\$0.00	\$0.00	
11	\$30,732.58	\$9,143.09	\$9,593.11	\$0.00	\$49,468.78	\$0.00	\$0.00	\$0.00	
12	\$31,109.56	\$9,143.09	\$9,483.26	\$0.00	\$49,735.90	\$0.00	\$0.00	\$0.00	
13	\$32,042.84	\$9,143.09	\$9,374.23	\$0.00	\$50,560.16	\$0.00	\$0.00	\$0.00	
14	\$33,004.13	\$9,143.09	\$9,267.47	\$0.00	\$51,414.68	\$0.00	\$0.00	\$0.00	
15	\$33,994.25	\$9,143.09	\$9,286.29	\$0.00	\$52,422.63	\$0.00	\$0.00	\$0.00	
16	\$32,100.71	\$8,136.10	\$8,886.75	\$0.00	\$49,123.56	\$0.00	\$0.00	\$0.00	
17	\$33,063.73	\$8,136.10	\$8,905.82	\$0.00	\$50,105.66	\$0.00	\$0.00	\$0.00	
18	\$34,055.65	\$8,136.10	\$8,925.47	\$0.00	\$51,117.22	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$521,611.26	\$147,719.16	\$204,488.99	\$0.00	\$873,819.41	\$873,819.41	\$0.00	\$0.00	

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Cost / Benefit Tests For Normal Weather					
	Cost Based	Market-Based			
		Minimum	Today	Alternate	Option
Utility (PAC) Test	8.212745774	6.452345359	9.876319233	10.30491831	9.239474907
TRC Test	2.403636718	1.865809256	2.862018204	2.986719573	2.67627265
RIM Test	0.565848313	0.45449474	0.680466524	0.709996485	0.635858716
RM (Net Fuel)	0.731925202	0.597464165	0.890216772	0.919415223	0.823453878
Societal Test	2.403636718	1.865809256	2.862018204	2.986719573	2.67627265
Participant Test	3.176715361	3.105534666	3.176715361	3.176715361	3.234240387

Cost of Conserved kWh, kW, and CCF				
100% Allocation		Nominal	Levelized	% Allocation
	Total Costs / kW Savings	\$46.9401	\$46.9401	100.00%
	Total Cost / kWh Savings	\$0.0041	\$0.0041	100.00%
	Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
	Allocated By Cost-Based Avoided Costs	\$0.0000	\$0.0000	
	Allocated Costs / kW Savings	\$8.6654	\$8.6654	18.46%
	Allocated Costs / kWh Savings	\$0.0034	\$0.0034	81.54%
	Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS				
	Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio
Utility (PAC) Test	\$147,829.42	\$18,000.00	\$129,829.42	8.21
TRC Test	\$220,353.40	\$91,675.00	\$128,678.40	2.40
RIM Test	\$147,829.42	\$261,252.74	(\$113,423.32)	0.57
RM (Net Fuel) Test	\$147,829.42	\$201,965.87	(\$54,136.45)	0.73
Societal Test	\$220,353.40	\$91,675.00	\$128,678.40	2.40
Participant Test	\$273,753.45	\$96,175.00	\$177,578.45	3.18

Present Values (PVs) of Costs and Benefits Per Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC) Test						
Avoided Electric Production	\$107,451.51	\$100,091.50	\$161,723.02	\$169,437.81	\$150,259.83	\$461,111.07
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$24,327.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$16,050.72	\$16,050.72	\$16,050.72	\$16,050.72	\$16,050.72	\$16,050.72
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$147,829.42	\$116,142.22	\$177,773.75	\$185,488.53	\$166,310.55	\$477,161.79
Administration Costs	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
Total	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00
Reduced Amrent	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	8.21	6.45	9.88	10.30	9.24	28.51
TRC Test						
Avoided Electric Production	\$159,224.88	\$148,318.59	\$239,646.04	\$251,078.04	\$222,659.53	\$683,288.26
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$38,399.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$22,729.47	\$22,729.47	\$22,729.47	\$22,729.47	\$22,729.47	\$22,729.47
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$220,353.40	\$171,048.06	\$262,375.52	\$273,807.52	\$245,389.01	\$706,017.73
Administration Costs	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00
Reduced Amrent	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$86,175.00	\$86,175.00	\$86,175.00	\$86,175.00	\$86,175.00	\$86,175.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.40	1.87	2.86	2.99	2.68	7.70
RIM Test						
Avoided Electric Production	\$107,451.51	\$100,091.50	\$161,723.02	\$169,437.81	\$150,259.83	\$461,111.07
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$24,327.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$16,050.72	\$16,050.72	\$16,050.72	\$16,050.72	\$16,050.72	\$16,050.72
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$147,829.42	\$116,142.22	\$177,773.75	\$185,488.53	\$166,310.55	\$477,161.79
Administration Costs	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
Total	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00
Reduced Amrent	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Loss Revenue (Electric)	\$243,252.74	\$237,541.39	\$243,252.74	\$243,252.74	\$243,252.74	\$247,868.40
Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$243,252.74	\$237,541.39	\$243,252.74	\$243,252.74	\$243,252.74	\$247,868.40
Net Fuel Loss Revenue (Electric)	\$183,965.87	\$179,700.94	\$183,965.87	\$183,965.87	\$183,965.87	\$187,412.18
Net Fuel Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$183,965.87	\$179,700.94	\$183,965.87	\$183,965.87	\$183,965.87	\$187,412.18
Test Results	0.57	0.45	0.68	0.71	0.64	1.79
Societal Test	0.73	0.59	0.88	0.92	0.82	2.32
Societal Test						
Avoided Electric Production	\$159,224.88	\$148,318.59	\$239,646.04	\$251,078.04	\$222,659.53	\$683,288.26
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$38,399.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$22,729.47	\$22,729.47	\$22,729.47	\$22,729.47	\$22,729.47	\$22,729.47
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$220,353.40	\$171,048.06	\$262,375.52	\$273,807.52	\$245,389.01	\$706,017.73
Administration Costs	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00
Reduced Amrent	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$86,175.00	\$86,175.00	\$86,175.00	\$86,175.00	\$86,175.00	\$86,175.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.40	1.87	2.86	2.99	2.68	7.70
Participant Test						
Incentives	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
Participant Costs (gross)	\$86,175.00	\$86,175.00	\$86,175.00	\$86,175.00	\$86,175.00	\$86,175.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$261,253.45	\$255,119.45	\$261,253.45	\$261,253.45	\$261,253.45	\$266,210.67
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$261,253.45	\$255,119.45	\$261,253.45	\$261,253.45	\$261,253.45	\$266,210.67
Test Results	3.18	3.11	3.18	3.18	3.18	3.23

	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UTC) Test						
Net Benefits	\$129,829.42	\$86,940.1	\$46,940.1	\$46,940.1	\$46,940.1	\$46,940.1
Levelized Cost (kW)	\$0.0041	\$0.0042	\$0.0041	\$0.0041	\$0.0041	\$0.0041
Levelized Cost (kWh)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
TRC Test						
Net Benefits	\$128,678.40	\$79,373.06	\$170,700.52	\$182,132.52	\$153,714.01	\$614,342.73
Levelized Cost (kW)	\$239.0685	\$239.0685	\$239.0685	\$239.0685	\$239.0685	\$239.0685
Levelized Cost (kWh)	\$0.0210	\$0.0215	\$0.0210	\$0.0210	\$0.0210	\$0.0206
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RIM Test						
Net Benefits	-\$113,423.32	-\$139,399.17	-\$83,479.00	-\$75,764.21	-\$94,942.19	\$211,293.39
Net Benefits (Net Fuel)	-\$54,136.45	-\$81,556.72	-\$24,192.12	-\$16,477.34	-\$35,655.32	\$271,749.61
Societal Test						
Net Benefits	\$128,678.40	\$79,373.06	\$170,700.52	\$182,132.52	\$153,714.01	\$614,342.73
Levelized Cost (kW)	\$239.0685	\$239.0685	\$239.0685	\$239.0685	\$239.0685	\$239.0685
Levelized Cost (kWh)	\$0.0210	\$0.0215	\$0.0210	\$0.0210	\$0.0210	\$0.0206
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Participant Test						
Net Benefits	\$187,578.45	\$181,444.45	\$187,578.45	\$187,578.45	\$187,578.45	\$192,535.67

Participants	kWh	Summer MW		Generator
		25	25.565	
25	291,112	23,611	0.000	Meiler
	268,871			

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$5,500.00	\$0.00	\$0.00	\$12,500.00	\$18,000.00

Present Values (PVs) of Impacts					
	Cost Based	Market-Based			
		Minimum	Today	Alternate	Option
kWh (Discounted)	383.4675	383.4675	383.4675	383.4675	383.4675
kWh (Discounted)	4366685.7000	4260151.5010	4366685.7000	4366685.7000	4366685.7000
CCF (Discounted)	0.0000	0.0000	0.0000	0.0000	0.0000
kWh (Undiscounted)	383.4675	383.4675	383.4675	383.4675	383.4675
kWh (Undiscounted)	4366685.7000	4260151.5010	4366685.7000	4366685.7000	4366685.7000
CCF (Undiscounted)	0.0000	0.0000	0.0000	0.0000	

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Participation and Total Participant Costs												
Year	Participation						Total Participant Costs Gross			Total Participant Costs Net Free Riders / Drop-Out		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative (net free drop-out)	One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
	1	25	0	25	0	25	25	\$86,175.00	\$0.00	\$86,175.00	\$86,175.00	\$0.00
2	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	25	0	25	25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	25	0	375	0	375	375	\$86,175	\$0	\$86,175	\$86,175	\$0	\$86,175

Impacts and Savings (Losses Included)																		
Year	Per Participant										Electric Impacts/Savings				Yearly Incremental (Per Participant * Incremental Participants)			
	KW	KW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	KWh	KWh (net)	KW	KW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	KWh	KWh (net)	KW	KW (net)
	1	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	57
2	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
3	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
4	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
5	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
6	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
7	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
8	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
9	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
10	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
11	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
12	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
13	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
14	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
15	2.272	2.272	1.023	1.023	0.000	0.000	11,644.50	11,644.50	57	57	26	26	0	0	291,112	291,112	0	0
16	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
17	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
18	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
19	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
20	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
21	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
22	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
23	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
24	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
25	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Totals	0.000	0.000	0.000	0.000	0.000	0.000	174,667	174,667	0	0	0	0	0	0	4,366,686	4,366,686	0	0

Lost Revenue Dollars (Losses Included)											
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)				
	Electric	Gas	Total	Net Free-Drop-Out Electric	Net Free-Drop-Out Gas	Net Free-Drop-Out Total	Net Fuel	Net Fuel	Net Fuel		
	1	\$951.69	\$0.00	\$951.69	\$23,792.37	\$0.00	\$23,792.37	\$17,212.32	\$0.00	\$17,212.32	
2	\$989.76	\$0.00	\$989.76	\$24,744.06	\$0.00	\$24,744.06	\$18,164.01	\$0.00	\$18,164.01		
3	\$1,029.35	\$0.00	\$1,029.35	\$25,733.82	\$0.00	\$25,733.82	\$19,153.77	\$0.00	\$19,153.77		
4	\$1,070.53	\$0.00	\$1,070.53	\$26,763.18	\$0.00	\$26,763.18	\$20,183.13	\$0.00	\$20,183.13		
5	\$1,081.23	\$0.00	\$1,081.23	\$27,030.81	\$0.00	\$27,030.81	\$20,450.76	\$0.00	\$20,450.76		
6	\$1,092.04	\$0.00	\$1,092.04	\$27,301.12	\$0.00	\$27,301.12	\$20,721.07	\$0.00	\$20,721.07		
7	\$1,102.97	\$0.00	\$1,102.97	\$27,574.13	\$0.00	\$27,574.13	\$20,994.08	\$0.00	\$20,994.08		
8	\$1,113.99	\$0.00	\$1,113.99	\$27,849.87	\$0.00	\$27,849.87	\$21,269.82	\$0.00	\$21,269.82		
9	\$1,125.13	\$0.00	\$1,125.13	\$28,128.37	\$0.00	\$28,128.37	\$21,548.32	\$0.00	\$21,548.32		
10	\$1,136.39	\$0.00	\$1,136.39	\$28,409.65	\$0.00	\$28,409.65	\$21,829.60	\$0.00	\$21,829.60		
11	\$1,147.75	\$0.00	\$1,147.75	\$28,693.75	\$0.00	\$28,693.75	\$22,113.70	\$0.00	\$22,113.70		
12	\$1,159.23	\$0.00	\$1,159.23	\$28,980.68	\$0.00	\$28,980.68	\$22,400.64	\$0.00	\$22,400.64		
13	\$1,170.82	\$0.00	\$1,170.82	\$29,270.49	\$0.00	\$29,270.49	\$22,690.44	\$0.00	\$22,690.44		
14	\$1,182.53	\$0.00	\$1,182.53	\$29,563.20	\$0.00	\$29,563.20	\$22,983.15	\$0.00	\$22,983.15		
15	\$1,194.35	\$0.00	\$1,194.35	\$29,859.83	\$0.00	\$29,859.83	\$23,278.76	\$0.00	\$23,278.76		
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Totals	\$16,547.77	\$0.00	\$16,547.77	\$413,694.30	\$0.00	\$413,694.30	\$314,993.58	\$0.00	\$314,993.58		

06 Aggregation Results - 2017 - Sect=COMM-EEP - Tech=ASHP.xlsx

Utility Program Costs (Losses Included)											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	Training	Other	Total	\$/kW	\$/kWh	\$/kWh	\$/CCF	\$/CCF	\$/CCF
1	\$5,500.00	\$0.00	\$12,500.00	\$0.00	\$18,000.00	\$704.10	\$704.10	\$0.06	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$5,500.00	\$0.00	\$12,500.00	\$0.00	\$18,000.00	\$704.10	\$704.10	\$0.06	\$0.06	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$12,375.30	\$0.00	\$1,811.02	\$0.00	\$14,186.32	\$0.00	\$0.00	\$0.00	\$0.00
2	\$13,132.63	\$0.00	\$1,831.27	\$0.00	\$14,963.90	\$0.00	\$0.00	\$0.00	\$0.00
3	\$15,441.67	\$0.00	\$1,852.45	\$0.00	\$17,294.12	\$0.00	\$0.00	\$0.00	\$0.00
4	\$19,646.96	\$0.00	\$1,840.20	\$0.00	\$17,486.66	\$0.00	\$0.00	\$0.00	\$0.00
5	\$16,177.12	\$0.00	\$1,833.27	\$0.00	\$18,010.39	\$0.00	\$0.00	\$0.00	\$0.00
6	\$16,989.62	\$0.00	\$1,811.57	\$0.00	\$18,801.19	\$0.00	\$0.00	\$0.00	\$0.00
7	\$17,635.18	\$0.00	\$1,790.02	\$0.00	\$19,425.19	\$0.00	\$0.00	\$0.00	\$0.00
8	\$18,989.83	\$0.00	\$1,769.36	\$0.00	\$19,859.99	\$0.00	\$0.00	\$0.00	\$0.00
9	\$18,539.14	\$0.00	\$1,749.36	\$0.00	\$20,288.50	\$0.00	\$0.00	\$0.00	\$0.00
10	\$18,699.83	\$0.00	\$1,729.24	\$0.00	\$20,429.07	\$0.00	\$0.00	\$0.00	\$0.00
11	\$19,165.69	\$0.00	\$1,709.52	\$0.00	\$20,875.21	\$0.00	\$0.00	\$0.00	\$0.00
12	\$19,400.79	\$0.00	\$1,689.94	\$0.00	\$21,090.73	\$0.00	\$0.00	\$0.00	\$0.00
13	\$19,982.81	\$0.00	\$1,670.51	\$0.00	\$21,653.33	\$0.00	\$0.00	\$0.00	\$0.00
14	\$20,582.30	\$0.00	\$1,651.49	\$0.00	\$22,233.79	\$0.00	\$0.00	\$0.00	\$0.00
15	\$21,199.76	\$0.00	\$1,654.84	\$0.00	\$22,854.61	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$263,059.83	\$0.00	\$26,394.08	\$0.00	\$289,453.91	\$0.00	\$0.00	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$12,375.30	\$0.00	\$1,811.02	\$0.00	\$14,186.32	\$0.00	\$0.00	\$0.00	\$0.00
2	\$13,132.63	\$0.00	\$1,831.27	\$0.00	\$14,963.90	\$0.00	\$0.00	\$0.00	\$0.00
3	\$15,441.67	\$0.00	\$1,852.45	\$0.00	\$17,294.12	\$0.00	\$0.00	\$0.00	\$0.00
4	\$19,646.96	\$0.00	\$1,840.20	\$0.00	\$17,486.66	\$0.00	\$0.00	\$0.00	\$0.00
5	\$16,177.12	\$0.00	\$1,833.27	\$0.00	\$18,010.39	\$0.00	\$0.00	\$0.00	\$0.00
6	\$16,989.62	\$0.00	\$1,811.57	\$0.00	\$18,801.19	\$0.00	\$0.00	\$0.00	\$0.00
7	\$17,635.18	\$0.00	\$1,790.02	\$0.00	\$19,425.19	\$0.00	\$0.00	\$0.00	\$0.00
8	\$18,989.83	\$0.00	\$1,769.36	\$0.00	\$19,859.99	\$0.00	\$0.00	\$0.00	\$0.00
9	\$18,539.14	\$0.00	\$1,749.36	\$0.00	\$20,288.50	\$0.00	\$0.00	\$0.00	\$0.00
10	\$18,699.83	\$0.00	\$1,729.24	\$0.00	\$20,429.07	\$0.00	\$0.00	\$0.00	\$0.00
11	\$19,165.69	\$0.00	\$1,709.52	\$0.00	\$20,875.21	\$0.00	\$0.00	\$0.00	\$0.00
12	\$19,400.79	\$0.00	\$1,689.94	\$0.00	\$21,090.73	\$0.00	\$0.00	\$0.00	\$0.00
13	\$19,982.81	\$0.00	\$1,670.51	\$0.00	\$21,653.33	\$0.00	\$0.00	\$0.00	\$0.00
14	\$20,582.30	\$0.00	\$1,651.49	\$0.00	\$22,233.79	\$0.00	\$0.00	\$0.00	\$0.00
15	\$21,199.76	\$0.00	\$1,654.84	\$0.00	\$22,854.61	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00	\$0.00	\$0.00

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$8,849.63	\$998.29	\$1,811.02	\$0.00	\$11,658.95	\$0.00	\$0.00	\$0.00	\$0.00
2	\$9,391.21	\$1,291.01	\$1,831.27	\$0.00	\$12,513.48	\$0.00	\$0.00	\$0.00	\$0.00
3	\$11,042.41	\$1,354.79	\$1,852.45	\$0.00	\$14,249.66	\$0.00	\$0.00	\$0.00	\$0.00
4	\$11,190.21	\$1,402.85	\$1,840.20	\$0.00	\$14,433.27	\$0.00	\$0.00	\$0.00	\$0.00
5	\$11,568.34	\$1,411.16	\$1,833.27	\$0.00	\$14,812.77	\$0.00	\$0.00	\$0.00	\$0.00
6	\$12,149.36	\$3,985.98	\$1,811.57	\$0.00	\$17,946.91	\$0.00	\$0.00	\$0.00	\$0.00
7	\$12,611.00	\$3,985.98	\$1,790.02	\$0.00	\$18,387.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$12,935.98	\$3,985.98	\$1,769.36	\$0.00	\$18,691.32	\$0.00	\$0.00	\$0.00	\$0.00
9	\$13,257.43	\$3,985.98	\$1,749.36	\$0.00	\$18,992.77	\$0.00	\$0.00	\$0.00	\$0.00
10	\$13,372.34	\$3,985.98	\$1,729.24	\$0.00	\$19,087.56	\$0.00	\$0.00	\$0.00	\$0.00
11	\$13,705.48	\$3,985.98	\$1,709.52	\$0.00	\$19,400.98	\$0.00	\$0.00	\$0.00	\$0.00
12	\$13,873.59	\$3,985.98	\$1,689.94	\$0.00	\$19,549.52	\$0.00	\$0.00	\$0.00	\$0.00
13	\$14,289.80	\$3,985.98	\$1,670.51	\$0.00	\$19,946.30	\$0.00	\$0.00	\$0.00	\$0.00
14	\$14,718.50	\$3,985.98	\$1,651.49	\$0.00	\$20,355.97	\$0.00	\$0.00	\$0.00	\$0.00
15	\$15,160.05	\$3,985.98	\$1,654.84	\$0.00	\$20,800.88	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$188,115.32	\$46,317.93	\$26,394.08	\$0.00	\$260,827.33	\$260,827.33	\$0.00	\$0.00	\$0.00

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Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC) Test	2.977166712	1.763071289	2.495431714	2.580167611	2.368451878	6.003720183
TRC Test	1.072353437	0.615678607	0.876082618	0.906212001	0.830932638	2.123518112
RIM Test	0.78256137	0.471926025	0.65930382	0.678203874	0.622553834	1.55440874
RM (Net Fuel)	0.7952698977	0.571303934	0.795222384	0.822019489	0.754561736	1.885226949
Societal Test	1.072353437	0.615678607	0.876082618	0.906212001	0.830932638	2.123518112
Participant Test	0.958846435	0.93381789	0.958846435	0.958846435	0.958846435	0.958846435

Cost of Conserved kWh, kW, and CCF				
100% Allocation		Nominal	Levelized	% Allocation
	Total Costs / kW Savings	\$38,2645	\$38,2645	100.00%
	Total Costs / kWh Savings	\$0.0204	\$0.0204	100.00%
	Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
Allocated By Cost-Based Avoided Costs		\$0.0000	\$0.0000	
	Allocated Costs / kW Savings	\$18,1956	\$18,1956	47.55%
	Allocated Costs / kWh Savings	\$0.0107	\$0.0107	52.45%
	Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS					
	Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
	\$119,086.67	\$40,000.00	\$79,086.67	2.98	Utility (PAC) Test
	\$178,761.32	\$166,700.00	\$12,061.32	1.07	TRC Test
	\$119,086.67	\$152,176.52	(\$33,089.85)	0.78	RIM Test
	\$119,086.67	\$125,552.78	(\$6,466.11)	0.95	RM (Net Fuel) Test
	\$178,761.32	\$166,700.00	\$12,061.32	1.07	Societal Test
	\$144,977.58	\$151,200.00	(\$6,222.42)	0.96	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC) Test						
Avoided Electric Production	\$47,542.47	\$42,083.15	\$71,377.57	\$74,767.00	\$66,298.37	\$211,709.10
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$43,104.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$28,439.70	\$28,439.70	\$28,439.70	\$28,439.70	\$28,439.70	\$28,439.70
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$119,086.67	\$70,522.85	\$99,817.27	\$103,206.70	\$94,738.08	\$240,148.81
Administration Costs	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$24,500.00	\$24,500.00	\$24,500.00	\$24,500.00	\$24,500.00	\$24,500.00
Total	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.98	1.76	2.50	2.58	2.37	6.00
TRC Test						
Avoided Electric Production	\$70,449.87	\$62,360.08	\$105,769.42	\$110,791.99	\$98,242.92	\$313,716.92
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$68,037.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$40,273.55	\$40,273.55	\$40,273.55	\$40,273.55	\$40,273.55	\$40,273.55
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$178,761.32	\$102,633.62	\$146,042.97	\$151,065.54	\$138,516.47	\$353,990.47
Administration Costs	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$151,200.00	\$151,200.00	\$151,200.00	\$151,200.00	\$151,200.00	\$151,200.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	1.07	0.62	0.88	0.91	0.83	2.12
RIM Test						
Avoided Electric Production	\$47,542.47	\$42,083.15	\$71,377.57	\$74,767.00	\$66,298.37	\$211,709.10
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$43,104.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$28,439.70	\$28,439.70	\$28,439.70	\$28,439.70	\$28,439.70	\$28,439.70
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$119,086.67	\$70,522.85	\$99,817.27	\$103,206.70	\$94,738.08	\$240,148.81
Administration Costs	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$24,500.00	\$24,500.00	\$24,500.00	\$24,500.00	\$24,500.00	\$24,500.00
Total	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Loss Revenue (Electric)	\$112,176.52	\$109,436.24	\$112,176.52	\$112,176.52	\$112,176.52	\$114,495.28
Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$112,176.52	\$109,436.24	\$112,176.52	\$112,176.52	\$112,176.52	\$114,495.28
Net Fuel Loss Revenue (Electric)	\$85,552.78	\$83,440.83	\$85,552.78	\$85,552.78	\$85,552.78	\$87,357.55
Net Fuel Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$85,552.78	\$83,440.83	\$85,552.78	\$85,552.78	\$85,552.78	\$87,357.55
Test Results	0.78	0.47	0.66	0.68	0.62	1.55
	0.95	0.57	0.80	0.82	0.75	1.89
Societal Test						
Avoided Electric Production	\$70,449.87	\$62,360.08	\$105,769.42	\$110,791.99	\$98,242.92	\$313,716.92
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$68,037.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$40,273.55	\$40,273.55	\$40,273.55	\$40,273.55	\$40,273.55	\$40,273.55
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$178,761.32	\$102,633.62	\$146,042.97	\$151,065.54	\$138,516.47	\$353,990.47
Administration Costs	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$151,200.00	\$151,200.00	\$151,200.00	\$151,200.00	\$151,200.00	\$151,200.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	1.07	0.62	0.88	0.91	0.83	2.12
Participant Test						
Incentives	\$24,500.00	\$24,500.00	\$24,500.00	\$24,500.00	\$24,500.00	\$24,500.00
Participant Costs (gross)	\$151,200.00	\$151,200.00	\$151,200.00	\$151,200.00	\$151,200.00	\$151,200.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$120,477.58	\$117,534.52	\$120,477.58	\$120,477.58	\$120,477.58	\$122,967.93
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$120,477.58	\$117,534.52	\$120,477.58	\$120,477.58	\$120,477.58	\$122,967.93
Test Results	0.96	0.94	0.96	0.96	0.96	0.98

Utility (PAC/UTC) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Net Benefits	\$79,086.67	\$30,522.85	\$99,817.27	\$63,206.70	\$54,738.08	\$200,148.81
Levelized Cost (kW)	\$38,2645	\$38,2645	\$38,2645	\$38,2645	\$38,2645	\$38,2645
Levelized Cost (kWh)	\$0.0204	\$0.0209	\$0.0204	\$0.0204	\$0.0204	\$0.0200
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
TRC Test						
Net Benefits	\$12,061.32	-\$64,066.38	-\$20,657.03	-\$15,634.46	-\$28,183.53	\$187,290.47
Levelized Cost (kW)	\$159,4674	\$159,4674	\$159,4674	\$159,4674	\$159,4674	\$159,4674
Levelized Cost (kWh)	\$0.0850	\$0.0871	\$0.0850	\$0.0850	\$0.0850	\$0.0834
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RIM Test						
Net Benefits	-\$33,089.85	-\$78,913.39	-\$52,359.25	-\$48,969.81	-\$57,438.44	\$85,653.53
Net Benefits (Net Fuel)	-\$6,466.11	-\$52,917.98	-\$25,735.51	-\$22,346.07	-\$30,814.70	\$112,791.26
Societal Test						
Net Benefits	\$12,061.32	-\$64,066.38	-\$20,657.03	-\$15,634.46	-\$28,183.53	\$187,290.47
Levelized Cost (kW)	\$159,4674	\$159,4674	\$159,4674	\$159,4674	\$159,4674	\$159,4674
Levelized Cost (kWh)	\$0.0850	\$0.0871	\$0.0850	\$0.0850	\$0.0850	\$0.0834
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Participant Test						
Net Benefits	-\$6,222.42	-\$9,165.48	-\$6,222.42	-\$6,222.42	-\$6,222.42	-\$3,732.07

Participants	kWh	Summer kWh		Generator
		Summer MW	Winter kWh	
7	190,729	45,297	24,393	
	120,741	41,836	22,530	Meiler

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$15,500.00	\$0.00	\$0.00	\$24,500.00	\$40,000.00

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum

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Participation and Total Participant Costs												
Year	Participation						Total Participant Costs Gross			Total Participant Costs Net Free Riders / Drop-Out		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net free drop-out)	One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
1	7	0	7	0	7	7	\$151,200.00	\$0.00	\$151,200.00	\$151,200.00	\$0.00	\$151,200.00
2	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	7	0	7	7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	7	0	105	0	105	105	\$151,200	\$0	\$151,200	\$151,200	\$0	\$151,200

Impacts and Savings (Losses Included)																
Year	Per Participant										Electric Impacts				Yearly Incremental (Per Participant * Incremental Participants)	
	kW	kW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)	kW	kW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)
1	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
2	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
3	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
4	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
5	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
6	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
7	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
8	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
9	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
10	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
11	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
12	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
13	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
14	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
15	3.885	3.885	6.471	6.471	3.485	3.485	18,675.54	18,675.54	27	27	45	45	24	24	130,729	130,729
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
Totals	280.133	280.133					280.133	280.133						1,960,932	1,960,932	

Lost Revenue Dollars (Losses Included)									
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)		
	Electric	Gas	Total	Net Free/Drop-Out Electric	Net Free/Drop-Out Gas	Net Free/Drop-Out Total	Net Fuel	Net Fuel	Net Fuel
1	\$1,567.41	\$0.00	\$1,567.41	\$10,971.90	\$0.00	\$10,971.90	\$8,017.02	\$0.00	\$8,017.02
2	\$1,630.11	\$0.00	\$1,630.11	\$11,410.76	\$0.00	\$11,410.76	\$8,455.90	\$0.00	\$8,455.90
3	\$1,695.32	\$0.00	\$1,695.32	\$11,867.21	\$0.00	\$11,867.21	\$8,912.33	\$0.00	\$8,912.33
4	\$1,763.13	\$0.00	\$1,763.13	\$12,341.90	\$0.00	\$12,341.90	\$9,387.02	\$0.00	\$9,387.02
5	\$1,780.76	\$0.00	\$1,780.76	\$12,465.31	\$0.00	\$12,465.31	\$9,510.44	\$0.00	\$9,510.44
6	\$1,798.57	\$0.00	\$1,798.57	\$12,589.97	\$0.00	\$12,589.97	\$9,635.09	\$0.00	\$9,635.09
7	\$1,816.55	\$0.00	\$1,816.55	\$12,715.87	\$0.00	\$12,715.87	\$9,760.99	\$0.00	\$9,760.99
8	\$1,834.72	\$0.00	\$1,834.72	\$12,843.03	\$0.00	\$12,843.03	\$9,888.15	\$0.00	\$9,888.15
9	\$1,853.07	\$0.00	\$1,853.07	\$12,971.46	\$0.00	\$12,971.46	\$10,016.58	\$0.00	\$10,016.58
10	\$1,871.60	\$0.00	\$1,871.60	\$13,101.17	\$0.00	\$13,101.17	\$10,146.29	\$0.00	\$10,146.29
11	\$1,890.31	\$0.00	\$1,890.31	\$13,232.18	\$0.00	\$13,232.18	\$10,277.30	\$0.00	\$10,277.30
12	\$1,909.21	\$0.00	\$1,909.21	\$13,364.50	\$0.00	\$13,364.50	\$10,409.63	\$0.00	\$10,409.63
13	\$1,928.31	\$0.00	\$1,928.31	\$13,498.15	\$0.00	\$13,498.15	\$10,543.27	\$0.00	\$10,543.27
14	\$1,947.59	\$0.00	\$1,947.59	\$13,633.13	\$0.00	\$13,633.13	\$10,678.25	\$0.00	\$10,678.25
15	\$1,967.07	\$0.00	\$1,967.07	\$13,769.46	\$0.00	\$13,769.46	\$10,814.56	\$0.00	\$10,814.56
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$27,253.72	\$0.00	\$27,253.72	\$190,776.01	\$0.00	\$190,776.01	\$146,452.83	\$0.00	\$146,452.83

07 Aggregation Results - 2017 - Sects=COMM-EEP - Tech=GRT.xlsx

Utility Program Costs (Losses Included)											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	Financing	Other	Total	\$/kW	\$/kWh	\$/kWh	\$/kWh	\$/CCF	\$/CCF
1	\$15,500.00	\$0.00	\$24,500.00	\$0.00	\$40,000.00	\$573.97	\$573.97	\$0.31	\$0.31	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$15,500.00	\$0.00	\$24,500.00	\$0.00	\$40,000.00	\$573.97	\$573.97	\$0.31	\$0.31	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$5,460.29	\$0.00	\$3,208.89	\$0.00	\$8,669.18	\$0.00	\$0.00	\$0.00	\$0.00
2	\$5,794.44	\$0.00	\$3,244.76	\$0.00	\$9,039.20	\$0.00	\$0.00	\$0.00	\$0.00
3	\$6,813.25	\$0.00	\$3,282.30	\$0.00	\$10,095.55	\$0.00	\$0.00	\$0.00	\$0.00
4	\$6,904.44	\$0.00	\$3,260.59	\$0.00	\$10,165.03	\$0.00	\$0.00	\$0.00	\$0.00
5	\$7,137.75	\$0.00	\$3,248.30	\$0.00	\$10,386.05	\$0.00	\$0.00	\$0.00	\$0.00
6	\$7,496.24	\$0.00	\$3,209.86	\$0.00	\$10,706.11	\$0.00	\$0.00	\$0.00	\$0.00
7	\$7,781.08	\$0.00	\$3,171.67	\$0.00	\$10,952.75	\$0.00	\$0.00	\$0.00	\$0.00
8	\$7,981.59	\$0.00	\$3,135.07	\$0.00	\$11,116.67	\$0.00	\$0.00	\$0.00	\$0.00
9	\$8,179.93	\$0.00	\$3,099.63	\$0.00	\$11,279.56	\$0.00	\$0.00	\$0.00	\$0.00
10	\$8,250.83	\$0.00	\$3,063.98	\$0.00	\$11,314.81	\$0.00	\$0.00	\$0.00	\$0.00
11	\$8,456.38	\$0.00	\$3,029.04	\$0.00	\$11,485.42	\$0.00	\$0.00	\$0.00	\$0.00
12	\$8,560.11	\$0.00	\$2,994.35	\$0.00	\$11,554.46	\$0.00	\$0.00	\$0.00	\$0.00
13	\$8,816.91	\$0.00	\$2,959.93	\$0.00	\$11,776.84	\$0.00	\$0.00	\$0.00	\$0.00
14	\$9,081.42	\$0.00	\$2,926.22	\$0.00	\$12,007.64	\$0.00	\$0.00	\$0.00	\$0.00
15	\$9,353.86	\$0.00	\$2,932.16	\$0.00	\$12,286.02	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$116,068.54	\$0.00	\$46,766.74	\$0.00	\$162,835.27	\$0.00	\$0.00	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$5,460.29	\$0.00	\$3,208.89	\$0.00	\$8,669.18	\$0.00	\$0.00	\$0.00	\$0.00
2	\$5,794.44	\$0.00	\$3,244.76	\$0.00	\$9,039.20	\$0.00	\$0.00	\$0.00	\$0.00
3	\$6,813.25	\$0.00	\$3,282.30	\$0.00	\$10,095.55	\$0.00	\$0.00	\$0.00	\$0.00
4	\$6,904.44	\$0.00	\$3,260.59	\$0.00	\$10,165.03	\$0.00	\$0.00	\$0.00	\$0.00
5	\$7,137.75	\$0.00	\$3,248.30	\$0.00	\$10,386.05	\$0.00	\$0.00	\$0.00	\$0.00
6	\$7,496.24	\$0.00	\$3,209.86	\$0.00	\$10,706.11	\$0.00	\$0.00	\$0.00	\$0.00
7	\$7,781.08	\$0.00	\$3,171.67	\$0.00	\$10,952.75	\$0.00	\$0.00	\$0.00	\$0.00
8	\$7,981.59	\$0.00	\$3,135.07	\$0.00	\$11,116.67	\$0.00	\$0.00	\$0.00	\$0.00
9	\$8,179.93	\$0.00	\$3,099.63	\$0.00	\$11,279.56	\$0.00	\$0.00	\$0.00	\$0.00
10	\$8,250.83	\$0.00	\$3,063.98	\$0.00	\$11,314.81	\$0.00	\$0.00	\$0.00	\$0.00
11	\$8,456.38	\$0.00	\$3,029.04	\$0.00	\$11,485.42	\$0.00	\$0.00	\$0.00	\$0.00
12	\$8,560.11	\$0.00	\$2,994.35	\$0.00	\$11,554.46	\$0.00	\$0.00	\$0.00	\$0.00
13	\$8,816.91	\$0.00	\$2,959.93	\$0.00	\$11,776.84	\$0.00	\$0.00	\$0.00	\$0.00
14	\$9,081.42	\$0.00	\$2,926.22	\$0.00	\$12,007.64	\$0.00	\$0.00	\$0.00	\$0.00
15	\$9,353.86	\$0.00	\$2,932.16	\$0.00	\$12,286.02	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00	\$0.00	\$0.00

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$3,915.57	\$1,768.84	\$3,208.89	\$0.00	\$8,893.30	\$0.00	\$0.00	\$0.00	\$0.00
2	\$4,155.19	\$2,287.49	\$3,244.76	\$0.00	\$9,687.44	\$0.00	\$0.00	\$0.00	\$0.00
3	\$4,885.77	\$2,400.51	\$3,282.30	\$0.00	\$10,568.57	\$0.00	\$0.00	\$0.00	\$0.00
4	\$4,951.17	\$2,485.66	\$3,260.59	\$0.00	\$10,697.42	\$0.00	\$0.00	\$0.00	\$0.00
5	\$5,118.47	\$2,500.39	\$3,248.30	\$0.00	\$10,867.16	\$0.00	\$0.00	\$0.00	\$0.00
6	\$5,375.54	\$7,062.62	\$3,209.86	\$0.00	\$15,648.03	\$0.00	\$0.00	\$0.00	\$0.00
7	\$5,579.80	\$7,062.62	\$3,171.67	\$0.00	\$15,814.09	\$0.00	\$0.00	\$0.00	\$0.00
8	\$5,723.59	\$7,062.62	\$3,135.07	\$0.00	\$15,921.28	\$0.00	\$0.00	\$0.00	\$0.00
9	\$5,865.82	\$7,062.62	\$3,099.63	\$0.00	\$16,028.07	\$0.00	\$0.00	\$0.00	\$0.00
10	\$5,916.66	\$7,062.62	\$3,063.98	\$0.00	\$16,043.26	\$0.00	\$0.00	\$0.00	\$0.00
11	\$6,064.06	\$7,062.62	\$3,029.04	\$0.00	\$16,155.72	\$0.00	\$0.00	\$0.00	\$0.00
12	\$6,138.44	\$7,062.62	\$2,994.35	\$0.00	\$16,195.42	\$0.00	\$0.00	\$0.00	\$0.00
13	\$6,322.60	\$7,062.62	\$2,959.93	\$0.00	\$16,345.14	\$0.00	\$0.00	\$0.00	\$0.00
14	\$6,512.27	\$7,062.62	\$2,926.22	\$0.00	\$16,501.11	\$0.00	\$0.00	\$0.00	\$0.00
15	\$6,707.64	\$7,062.62	\$2,932.16	\$0.00	\$16,702.42	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$83,232.59	\$82,069.10	\$46,766.74	\$0.00	\$212,068.43	\$212,068.43	\$0.00	\$0.00	\$0.00

08 Aggregation Results - 2017 - Sect=COMM-EEP - Tech=DRP.xlsx

Cost / Benefit Tests For Normal Weather	Cost		Market-Based			
	Based	Alternate				Maximum
		Minimum	Today	Alternate	Option	
Utility (PAC) Test	6.86602033	4.800445606	7.331367738	7.621515638	6.87242018	19.57441902
TRC Test	4.448957102	3.056641527	4.680595703	4.867032916	4.385515976	12.54748137
RIM Test	0.745098752	0.531343487	0.795587408	0.827073759	0.746753023	2.091524318
RM (Net Fuel)	1.039877135	0.730959556	1.110355179	1.154298652	1.04086422	2.252236883
Societal Test	4.448957102	3.056641527	4.680595703	4.867032916	4.385515976	12.54748137
Participant Test	4.610558876	4.520941433	4.610558876	4.610558876	4.610558876	4.684786917

Cost of Conserved kWh, kW, and CCF	100% Allocation		
	Nominal	Levelized	% Allocation
	Total Costs / kW Savings	\$19,7233	\$19,7233
Total Costs / kWh Savings	\$0.0052	\$0.0052	100.00%
Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
Allocated By Cost-Based Avoided Costs	\$0.0000	\$0.0000	27.700%
Allocated Costs / kW Savings	\$5.4643	\$5.4643	27.700%
Allocated Costs / kWh Savings	\$0.0038	\$0.0038	72.30%
Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS				
Total Benefits	Total Costs		Net Benefits	Benefit/Cost Ratio
	Costs	Benefits		
\$542,415.64	\$79,000.00	\$463,415.64	6.87	Utility (PAC) Test
\$810,532.72	\$182,184.88	\$628,347.84	4.45	TRC Test
\$542,415.64	\$727,987.96	(\$185,572.32)	0.75	RIM Test
\$542,415.64	\$521,615.12	\$20,800.52	1.04	RM (Net Fuel) Test
\$810,532.72	\$182,184.88	\$628,347.84	4.45	Societal Test
\$758,298.07	\$164,469.88	\$593,828.19	4.61	Participant Test

Present Values (PVs) of Costs and Benefits Per Test	Cost		Market-Based			
	Based	Alternate				Maximum
		Minimum	Today	Alternate	Option	
Utility (PAC) Test						
Avoided Electric Production	\$331,537.03	\$295,692.74	\$495,351.19	\$518,272.88	\$459,072.36	\$1,462,552.24
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$127,051.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$83,826.86	\$83,826.86	\$83,826.86	\$83,826.86	\$83,826.86	\$83,826.86
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$542,415.64	\$379,519.60	\$579,178.05	\$602,099.74	\$542,899.22	\$1,546,379.10
Administration Costs	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$61,285.00	\$61,285.00	\$61,285.00	\$61,285.00	\$61,285.00	\$61,285.00
Total	\$79,000.00	\$79,000.00	\$79,000.00	\$79,000.00	\$79,000.00	\$79,000.00
Reduced Amrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	6.87	4.80	7.33	7.62	6.87	19.57
TRC Test						
Avoided Electric Production	\$491,281.55	\$438,166.40	\$734,026.30	\$767,992.34	\$690,267.24	\$2,167,253.92
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$200,543.71	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$118,707.47	\$118,707.47	\$118,707.47	\$118,707.47	\$118,707.47	\$118,707.47
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$810,532.72	\$556,873.87	\$852,733.77	\$886,699.81	\$798,974.70	\$2,285,961.39
Administration Costs	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00
Reduced Amrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$164,469.88	\$164,469.88	\$164,469.88	\$164,469.88	\$164,469.88	\$164,469.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	4.45	3.06	4.68	4.87	4.39	12.55
RIM Test						
Avoided Electric Production	\$331,537.03	\$295,692.74	\$495,351.19	\$518,272.88	\$459,072.36	\$1,462,552.24
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$127,051.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$83,826.86	\$83,826.86	\$83,826.86	\$83,826.86	\$83,826.86	\$83,826.86
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$542,415.64	\$379,519.60	\$579,178.05	\$602,099.74	\$542,899.22	\$1,546,379.10
Administration Costs	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$61,285.00	\$61,285.00	\$61,285.00	\$61,285.00	\$61,285.00	\$61,285.00
Total	\$79,000.00	\$79,000.00	\$79,000.00	\$79,000.00	\$79,000.00	\$79,000.00
Reduced Amrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Loss Revenue (Electric)	\$648,987.96	\$635,264.15	\$648,987.96	\$648,987.96	\$648,987.96	\$660,355.07
Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$648,987.96	\$635,264.15	\$648,987.96	\$648,987.96	\$648,987.96	\$660,355.07
Net Fuel Loss Revenue (Electric)	\$442,615.12	\$434,137.84	\$442,615.12	\$442,615.12	\$442,615.12	\$449,633.84
Net Fuel Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$442,615.12	\$434,137.84	\$442,615.12	\$442,615.12	\$442,615.12	\$449,633.84
Test Results	0.75	0.53	0.80	0.83	0.75	2.09
1.04	0.74	1.11	1.15	1.04	2.93	
Societal Test						
Avoided Electric Production	\$491,281.55	\$438,166.40	\$734,026.30	\$767,992.34	\$690,267.24	\$2,167,253.92
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$200,543.71	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$118,707.47	\$118,707.47	\$118,707.47	\$118,707.47	\$118,707.47	\$118,707.47
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$810,532.72	\$556,873.87	\$852,733.77	\$886,699.81	\$798,974.70	\$2,285,961.39
Administration Costs	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00	\$17,715.00
Reduced Amrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$164,469.88	\$164,469.88	\$164,469.88	\$164,469.88	\$164,469.88	\$164,469.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	4.45	3.06	4.68	4.87	4.39	12.55
Participant Test						
Incentives	\$61,285.00	\$61,285.00	\$61,285.00	\$61,285.00	\$61,285.00	\$61,285.00
Participant Costs (gross)	\$164,469.88	\$164,469.88	\$164,469.88	\$164,469.88	\$164,469.88	\$164,469.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$697,013.07	\$682,273.69	\$697,013.07	\$697,013.07	\$697,013.07	\$709,221.34
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$697,013.07	\$682,273.69	\$697,013.07	\$697,013.07	\$697,013.07	\$709,221.34
Test Results	4.61	4.52	4.61	4.61	4.61	4.68

Utility (PAC/UTC) Test	Cost		Market-Based			
	Based	Alternate				Maximum
		Minimum	Today	Alternate	Option	
Net Benefits	\$463,415.64	\$300,519.60	\$500,178.05	\$523,099.74	\$463,899.22	\$1,467,379.10
Levelized Cost (kW)	\$19,7233	\$19,7233	\$19,7233	\$19,7233	\$19,7233	\$19,7233
Levelized Cost (kWh)	\$0.0052	\$0.0052	\$0.0052	\$0.0052	\$0.0052	\$0.0052
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
TRC Test						
Net Benefits	\$628,347.84	\$374,689.99	\$670,548.99	\$704,514.93	\$616,789.82	\$2,103,776.51
Levelized Cost (kW)	\$45,4947	\$45,4947	\$45,4947	\$45,4947	\$45,4947	\$45,4947
Levelized Cost (kWh)	\$0.0120	\$0.0123	\$0.0120	\$0.0120	\$0.0120	\$0.0117
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RIM Test						
Net Benefits	(\$185,572.32)	(\$334,744.55)	(\$148,809.91)	(\$125,888.22)	(\$185,088.74)	\$807,024.04
Net Benefits (Net Fuel)	\$20,800.52	(\$133,618.24)	\$57,562.93	\$80,484.61	\$21,284.10	\$1,017,745.26
Societal Test						
Net Benefits	\$628,347.84	\$374,689.99	\$670,548.99	\$704,514.93	\$616,789.82	\$2,103,776.51
Levelized Cost (kW)	\$45,4947	\$45,4947	\$45,4947	\$45,4947	\$45,4947	\$45,4947
Levelized Cost (kWh)	\$0.0120	\$0.0123	\$0.0120	\$0.0120	\$0.0120	\$0.0117
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Participant Test						
Net Benefits	\$593,828.19	\$379,088.81	\$593,828.19	\$593,828.19	\$593,828.19	\$606,036.46

Present Values (PVs) of Impacts	Cost		Market-Based			
	Based	Alternate				Maximum
		Minimum	Today	Alternate	Option	
kW (Discounted)	4005.4120	4005.4120	4005.4120			

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Utility Program Costs (Losses Included)											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	Training	Other	Total	\$/kW	\$/kWh (net)	\$/kWh (net)	\$/kWh (net)	\$/CCF (net)	\$/CCF (net)
1	\$17,715.00	\$0.00	\$61,285.00	\$0.00	\$79,000.00	\$295.85	\$295.85	\$0.08	\$0.08	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$17,715.00	\$0.00	\$61,285.00	\$0.00	\$79,000.00	\$295.85	\$295.85	\$0.08	\$0.08	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$37,808.89	\$0.00	\$9,458.29	\$0.00	\$47,267.18	\$0.00	\$0.00	\$0.00	\$0.00
2	\$40,122.69	\$0.00	\$9,564.02	\$0.00	\$49,686.71	\$0.00	\$0.00	\$0.00	\$0.00
3	\$47,177.24	\$0.00	\$9,674.67	\$0.00	\$56,851.91	\$0.00	\$0.00	\$0.00	\$0.00
4	\$47,808.71	\$0.00	\$9,610.68	\$0.00	\$57,419.39	\$0.00	\$0.00	\$0.00	\$0.00
5	\$48,424.19	\$0.00	\$9,574.46	\$0.00	\$58,998.66	\$0.00	\$0.00	\$0.00	\$0.00
6	\$51,906.51	\$0.00	\$9,461.17	\$0.00	\$61,367.68	\$0.00	\$0.00	\$0.00	\$0.00
7	\$53,878.82	\$0.00	\$9,348.58	\$0.00	\$63,227.40	\$0.00	\$0.00	\$0.00	\$0.00
8	\$55,287.28	\$0.00	\$9,240.72	\$0.00	\$64,527.97	\$0.00	\$0.00	\$0.00	\$0.00
9	\$56,640.60	\$0.00	\$9,136.25	\$0.00	\$65,776.84	\$0.00	\$0.00	\$0.00	\$0.00
10	\$57,131.53	\$0.00	\$9,031.17	\$0.00	\$66,162.71	\$0.00	\$0.00	\$0.00	\$0.00
11	\$58,554.84	\$0.00	\$8,928.18	\$0.00	\$67,483.02	\$0.00	\$0.00	\$0.00	\$0.00
12	\$59,273.10	\$0.00	\$8,825.94	\$0.00	\$68,099.04	\$0.00	\$0.00	\$0.00	\$0.00
13	\$61,051.29	\$0.00	\$8,724.47	\$0.00	\$69,775.76	\$0.00	\$0.00	\$0.00	\$0.00
14	\$62,882.83	\$0.00	\$8,625.11	\$0.00	\$71,507.94	\$0.00	\$0.00	\$0.00	\$0.00
15	\$64,769.31	\$0.00	\$8,542.63	\$0.00	\$73,411.94	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$803,697.82	\$0.00	\$137,846.33	\$0.00	\$941,544.15	\$0.00	\$0.00	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$37,808.89	\$0.00	\$9,458.29	\$0.00	\$47,267.18	\$0.00	\$0.00	\$0.00	\$0.00
2	\$40,122.69	\$0.00	\$9,564.02	\$0.00	\$49,686.71	\$0.00	\$0.00	\$0.00	\$0.00
3	\$47,177.24	\$0.00	\$9,674.67	\$0.00	\$56,851.91	\$0.00	\$0.00	\$0.00	\$0.00
4	\$47,808.71	\$0.00	\$9,610.68	\$0.00	\$57,419.39	\$0.00	\$0.00	\$0.00	\$0.00
5	\$48,424.19	\$0.00	\$9,574.46	\$0.00	\$58,998.66	\$0.00	\$0.00	\$0.00	\$0.00
6	\$51,906.51	\$0.00	\$9,461.17	\$0.00	\$61,367.68	\$0.00	\$0.00	\$0.00	\$0.00
7	\$53,878.82	\$0.00	\$9,348.58	\$0.00	\$63,227.40	\$0.00	\$0.00	\$0.00	\$0.00
8	\$55,287.28	\$0.00	\$9,240.72	\$0.00	\$64,527.97	\$0.00	\$0.00	\$0.00	\$0.00
9	\$56,640.60	\$0.00	\$9,136.25	\$0.00	\$65,776.84	\$0.00	\$0.00	\$0.00	\$0.00
10	\$57,131.53	\$0.00	\$9,031.17	\$0.00	\$66,162.71	\$0.00	\$0.00	\$0.00	\$0.00
11	\$58,554.84	\$0.00	\$8,928.18	\$0.00	\$67,483.02	\$0.00	\$0.00	\$0.00	\$0.00
12	\$59,273.10	\$0.00	\$8,825.94	\$0.00	\$68,099.04	\$0.00	\$0.00	\$0.00	\$0.00
13	\$61,051.29	\$0.00	\$8,724.47	\$0.00	\$69,775.76	\$0.00	\$0.00	\$0.00	\$0.00
14	\$62,882.83	\$0.00	\$8,625.11	\$0.00	\$71,507.94	\$0.00	\$0.00	\$0.00	\$0.00
15	\$64,769.31	\$0.00	\$8,542.63	\$0.00	\$73,411.94	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00	\$0.00	\$0.00

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Capacity	T&D	Auxiliary	Total	Gas Distribution	Gas Commodity	Total	Total
1	\$27,305.17	\$5,213.71	\$9,458.29	\$0.00	\$41,977.17	\$0.00	\$0.00	\$0.00	\$0.00
2	\$28,976.17	\$6,742.44	\$9,564.02	\$0.00	\$45,282.63	\$0.00	\$0.00	\$0.00	\$0.00
3	\$34,070.89	\$7,075.56	\$9,674.67	\$0.00	\$50,821.11	\$0.00	\$0.00	\$0.00	\$0.00
4	\$34,526.93	\$7,326.57	\$9,610.68	\$0.00	\$51,464.17	\$0.00	\$0.00	\$0.00	\$0.00
5	\$35,693.61	\$7,369.96	\$9,574.46	\$0.00	\$52,638.03	\$0.00	\$0.00	\$0.00	\$0.00
6	\$37,486.32	\$20,817.28	\$9,461.17	\$0.00	\$67,764.77	\$0.00	\$0.00	\$0.00	\$0.00
7	\$38,910.69	\$20,817.28	\$9,348.58	\$0.00	\$69,076.56	\$0.00	\$0.00	\$0.00	\$0.00
8	\$39,913.41	\$20,817.28	\$9,240.72	\$0.00	\$69,971.41	\$0.00	\$0.00	\$0.00	\$0.00
9	\$40,905.22	\$20,817.28	\$9,136.25	\$0.00	\$70,858.75	\$0.00	\$0.00	\$0.00	\$0.00
10	\$41,259.77	\$20,817.28	\$9,031.17	\$0.00	\$71,108.22	\$0.00	\$0.00	\$0.00	\$0.00
11	\$42,287.66	\$20,817.28	\$8,928.18	\$0.00	\$72,033.13	\$0.00	\$0.00	\$0.00	\$0.00
12	\$42,806.38	\$20,817.28	\$8,825.94	\$0.00	\$72,449.61	\$0.00	\$0.00	\$0.00	\$0.00
13	\$44,090.57	\$20,817.28	\$8,724.47	\$0.00	\$73,632.33	\$0.00	\$0.00	\$0.00	\$0.00
14	\$45,413.29	\$20,817.28	\$8,625.11	\$0.00	\$74,855.68	\$0.00	\$0.00	\$0.00	\$0.00
15	\$46,775.69	\$20,817.28	\$8,542.63	\$0.00	\$76,235.60	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$580,421.76	\$241,901.08	\$137,846.33	\$0.00	\$960,169.17	\$960,169.17	\$0.00	\$0.00	\$0.00

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Participation and Total Participant Costs												
Year	Participation						Total Participant Costs Gross			Total Participant Costs Net Free Riders / Drop-Out		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net free drop-out)	One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
1	16	0	16	0	16	16	\$356,800.00	\$0.00	\$356,800.00	\$356,800.00	\$0.00	\$356,800.00
2	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	16	0	16	16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	16	0	240	0	240	240	\$356,800	\$0	\$356,800	\$356,800	\$0	\$356,800

Impacts and Savings (Losses Included)																								
Year	Per Participant										Electric Impacts						Yearly Incremental (Per Participant * Incremental Participants)							
	kWh	kWh (net)	Summer Coin kWh	Summer Coin (net)	Winter Coin kWh	Winter Coin (net)	kWh	kWh (net)	kWh	kWh (net)	kWh	kWh (net)	Summer Coin kWh	Summer Coin (net)	Winter Coin kWh	Winter Coin (net)	kWh	kWh (net)	Summer Coin kWh	Summer Coin (net)	Winter Coin kWh	Winter Coin (net)		
1	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
2	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
3	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
4	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
5	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
6	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
7	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
8	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
9	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
10	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
11	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
12	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
13	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
14	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
15	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	6,457	6,457	5,811	5,811	14,267	14,267	45,641.57	45,641.57	103	103	93	93	228	228	228	228	730,265	730,265	0	0	0	0	0	0

Lost Revenue Dollars (Losses Included)									
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)		
	Electric	Gas	Total	Net Free/Drop-Out	Net Free/Drop-Out	Net Free/Drop-Out	Net Free/Drop-Out	Net Free/Drop-Out	Net Free/Drop-Out
1	\$3,789.12	\$0.00	\$3,789.12	\$60,625.94	\$0.00	\$60,625.94	\$44,119.67	\$0.00	\$44,119.67
2	\$3,940.69	\$0.00	\$3,940.69	\$63,050.98	\$0.00	\$63,050.98	\$46,544.71	\$0.00	\$46,544.71
3	\$4,098.31	\$0.00	\$4,098.31	\$65,573.02	\$0.00	\$65,573.02	\$49,066.75	\$0.00	\$49,066.75
4	\$4,262.25	\$0.00	\$4,262.25	\$68,195.94	\$0.00	\$68,195.94	\$51,689.67	\$0.00	\$51,689.67
5	\$4,304.87	\$0.00	\$4,304.87	\$69,877.90	\$0.00	\$69,877.90	\$52,371.63	\$0.00	\$52,371.63
6	\$4,347.92	\$0.00	\$4,347.92	\$69,566.68	\$0.00	\$69,566.68	\$53,060.41	\$0.00	\$53,060.41
7	\$4,391.40	\$0.00	\$4,391.40	\$70,262.35	\$0.00	\$70,262.35	\$53,756.08	\$0.00	\$53,756.08
8	\$4,435.31	\$0.00	\$4,435.31	\$70,964.97	\$0.00	\$70,964.97	\$54,458.70	\$0.00	\$54,458.70
9	\$4,479.66	\$0.00	\$4,479.66	\$71,674.62	\$0.00	\$71,674.62	\$55,168.35	\$0.00	\$55,168.35
10	\$4,524.46	\$0.00	\$4,524.46	\$72,391.36	\$0.00	\$72,391.36	\$55,885.09	\$0.00	\$55,885.09
11	\$4,569.70	\$0.00	\$4,569.70	\$73,115.28	\$0.00	\$73,115.28	\$56,609.01	\$0.00	\$56,609.01
12	\$4,615.40	\$0.00	\$4,615.40	\$73,846.43	\$0.00	\$73,846.43	\$57,340.16	\$0.00	\$57,340.16
13	\$4,661.56	\$0.00	\$4,661.56	\$74,584.90	\$0.00	\$74,584.90	\$58,078.63	\$0.00	\$58,078.63
14	\$4,708.17	\$0.00	\$4,708.17	\$75,330.74	\$0.00	\$75,330.74	\$58,824.47	\$0.00	\$58,824.47
15	\$4,755.25	\$0.00	\$4,755.25	\$76,084.05	\$0.00	\$76,084.05	\$59,577.78	\$0.00	\$59,577.78
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$65,884.07	\$0.00	\$65,884.07	\$1,054,145.16	\$0.00	\$1,054,145.16	\$806,551.11	\$0.00	\$806,551.11

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Utility Program Costs (Losses Included)												
Year	Overall Costs				Total	Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	Training	Other		\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)	
1	\$13,000.00	\$0.00	\$60,000.00	\$0.00	\$73,000.00	\$227.23	\$227.23	\$0.10	\$0.10	\$0.00	\$0.00	
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$13,000.00	\$0.00	\$60,000.00	\$0.00	\$73,000.00	\$227.23	\$227.23	\$0.10	\$0.10	\$0.00	\$0.00	

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario									
Year	Cumulative Electric				Total	Cumulative Gas			
	Energy	Address/Capacity	T&D	Ancillary		Gas Distribution	Gas Commodity	Total	
1	\$30,501.77	\$0.00	\$16,171.17	\$0.00	\$46,672.94	\$0.00	\$0.00	\$0.00	\$0.00
2	\$32,368.39	\$0.00	\$16,351.94	\$0.00	\$48,720.33	\$0.00	\$0.00	\$0.00	\$0.00
3	\$36,059.54	\$0.00	\$16,541.11	\$0.00	\$54,600.66	\$0.00	\$0.00	\$0.00	\$0.00
4	\$38,569.97	\$0.00	\$16,431.71	\$0.00	\$55,000.69	\$0.00	\$0.00	\$0.00	\$0.00
5	\$39,872.24	\$0.00	\$16,369.80	\$0.00	\$56,242.04	\$0.00	\$0.00	\$0.00	\$0.00
6	\$41,874.81	\$0.00	\$16,176.09	\$0.00	\$58,050.91	\$0.00	\$0.00	\$0.00	\$0.00
7	\$43,465.94	\$0.00	\$15,983.60	\$0.00	\$59,449.54	\$0.00	\$0.00	\$0.00	\$0.00
8	\$44,586.05	\$0.00	\$15,799.18	\$0.00	\$60,385.22	\$0.00	\$0.00	\$0.00	\$0.00
9	\$45,693.97	\$0.00	\$15,620.56	\$0.00	\$61,314.53	\$0.00	\$0.00	\$0.00	\$0.00
10	\$46,090.02	\$0.00	\$15,440.91	\$0.00	\$61,530.94	\$0.00	\$0.00	\$0.00	\$0.00
11	\$47,238.25	\$0.00	\$15,264.82	\$0.00	\$62,503.07	\$0.00	\$0.00	\$0.00	\$0.00
12	\$47,911.70	\$0.00	\$15,090.02	\$0.00	\$62,901.72	\$0.00	\$0.00	\$0.00	\$0.00
13	\$49,252.23	\$0.00	\$14,916.53	\$0.00	\$64,168.76	\$0.00	\$0.00	\$0.00	\$0.00
14	\$50,729.80	\$0.00	\$14,746.65	\$0.00	\$65,476.44	\$0.00	\$0.00	\$0.00	\$0.00
15	\$52,251.69	\$0.00	\$14,776.61	\$0.00	\$67,028.29	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$648,371.36	\$0.00	\$235,680.71	\$0.00	\$884,052.07	\$0.00	\$0.00	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value									
Year	Cumulative Electric				Total	Cumulative Gas			
	Energy	Address/Capacity	T&D	Ancillary		Gas Distribution	Gas Commodity	Total	
1	\$30,501.77	\$0.00	\$16,171.17	\$0.00	\$46,672.94	\$0.00	\$0.00	\$0.00	\$0.00
2	\$32,368.39	\$0.00	\$16,351.94	\$0.00	\$48,720.33	\$0.00	\$0.00	\$0.00	\$0.00
3	\$36,059.54	\$0.00	\$16,541.11	\$0.00	\$54,600.66	\$0.00	\$0.00	\$0.00	\$0.00
4	\$38,569.97	\$0.00	\$16,431.71	\$0.00	\$55,000.69	\$0.00	\$0.00	\$0.00	\$0.00
5	\$39,872.24	\$0.00	\$16,369.80	\$0.00	\$56,242.04	\$0.00	\$0.00	\$0.00	\$0.00
6	\$41,874.81	\$0.00	\$16,176.09	\$0.00	\$58,050.91	\$0.00	\$0.00	\$0.00	\$0.00
7	\$43,465.94	\$0.00	\$15,983.60	\$0.00	\$59,449.54	\$0.00	\$0.00	\$0.00	\$0.00
8	\$44,586.05	\$0.00	\$15,799.18	\$0.00	\$60,385.22	\$0.00	\$0.00	\$0.00	\$0.00
9	\$45,693.97	\$0.00	\$15,620.56	\$0.00	\$61,314.53	\$0.00	\$0.00	\$0.00	\$0.00
10	\$46,090.02	\$0.00	\$15,440.91	\$0.00	\$61,530.94	\$0.00	\$0.00	\$0.00	\$0.00
11	\$47,238.25	\$0.00	\$15,264.82	\$0.00	\$62,503.07	\$0.00	\$0.00	\$0.00	\$0.00
12	\$47,911.70	\$0.00	\$15,090.02	\$0.00	\$62,901.72	\$0.00	\$0.00	\$0.00	\$0.00
13	\$49,252.23	\$0.00	\$14,916.53	\$0.00	\$64,168.76	\$0.00	\$0.00	\$0.00	\$0.00
14	\$50,729.80	\$0.00	\$14,746.65	\$0.00	\$65,476.44	\$0.00	\$0.00	\$0.00	\$0.00
15	\$52,251.69	\$0.00	\$14,776.61	\$0.00	\$67,028.29	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00	\$0.00	\$0.00

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)									
Year	Cumulative Electric				Total	Cumulative Gas			
	Energy	Capacity	T&D	Ancillary		Gas Distribution	Gas Commodity	Total	
1	\$21,872.78	\$3,631.01	\$16,171.17	\$0.00	\$41,674.96	\$0.00	\$0.00	\$0.00	\$0.00
2	\$23,211.33	\$4,695.88	\$16,351.94	\$0.00	\$44,259.94	\$0.00	\$0.00	\$0.00	\$0.00
3	\$27,292.45	\$4,927.67	\$16,541.11	\$0.00	\$48,761.24	\$0.00	\$0.00	\$0.00	\$0.00
4	\$27,657.76	\$5,102.48	\$16,431.71	\$0.00	\$48,191.95	\$0.00	\$0.00	\$0.00	\$0.00
5	\$28,592.33	\$5,132.70	\$16,369.80	\$0.00	\$50,094.83	\$0.00	\$0.00	\$0.00	\$0.00
6	\$30,028.37	\$14,497.90	\$16,176.09	\$0.00	\$60,702.37	\$0.00	\$0.00	\$0.00	\$0.00
7	\$31,169.37	\$14,497.90	\$15,983.60	\$0.00	\$61,650.87	\$0.00	\$0.00	\$0.00	\$0.00
8	\$31,972.59	\$14,497.90	\$15,799.18	\$0.00	\$62,269.67	\$0.00	\$0.00	\$0.00	\$0.00
9	\$32,767.08	\$14,497.90	\$15,620.56	\$0.00	\$62,885.54	\$0.00	\$0.00	\$0.00	\$0.00
10	\$33,051.09	\$14,497.90	\$15,440.91	\$0.00	\$62,989.91	\$0.00	\$0.00	\$0.00	\$0.00
11	\$33,874.49	\$14,497.90	\$15,264.82	\$0.00	\$63,637.21	\$0.00	\$0.00	\$0.00	\$0.00
12	\$34,290.01	\$14,497.90	\$15,090.02	\$0.00	\$63,877.93	\$0.00	\$0.00	\$0.00	\$0.00
13	\$35,318.71	\$14,497.90	\$14,916.53	\$0.00	\$64,733.14	\$0.00	\$0.00	\$0.00	\$0.00
14	\$36,378.27	\$14,497.90	\$14,746.65	\$0.00	\$65,622.82	\$0.00	\$0.00	\$0.00	\$0.00
15	\$37,469.62	\$14,497.90	\$14,776.61	\$0.00	\$66,744.12	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$464,946.25	\$168,468.56	\$235,680.71	\$0.00	\$869,095.51	\$869,095.51	\$0.00	\$0.00	\$0.00

10 Aggregation Results - 2017 - Sects-COMM-EEP - Tech=LTG.xlsx

Cost / Benefit Tests For Normal Weather	Cost Based		Market-Based			
	Based	Minimum	Today		Option	
			Alternate	Maximum	Option	Maximum
Utility (PAC) Test	4.682610982	3.034364629	4.43316986	4.539322982	4.179121094	11.21023127
TRC Test	2.389535841	1.512114255	2.220581814	2.301917063	2.091850094	5.62595703
RM Test	0.811323869	0.534698424	0.789130429	0.795957527	0.724087649	1.915745457
RM (Net Fuel)	1.085736665	0.713419677	1.027933949	1.085172964	0.963994652	2.589876742
Societal Test	2.389535841	1.512114255	2.220581814	2.301917063	2.091850094	5.62595703
Participant Test	2.228820144	2.189563577	2.228820144	2.228820144	2.228820144	2.228820144

Cost of Conserved kWh, kW, and CCF	100% Allocation		
	Nominal	Levelized	% Allocation
	Total Costs / kW Savings	\$22,5923	\$22,5923
Total Cost / kWh Savings	\$0.0095	\$0.0095	100.00%
Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
Allocated By Cost-Based Avoided Costs	\$0.0000	\$0.0000	
Allocated Costs / kW Savings	\$8.4846	\$8.4846	37.566%
Allocated Costs / kWh Savings	\$0.0060	\$0.0060	62.44%
Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$594,691.59	\$127,000.00	\$467,691.59	4.68	Utility (PAC) Test
\$872,510.34	\$365,138.00	\$507,372.34	2.39	TRC Test
\$594,691.59	\$732,989.13	(\$138,297.54)	0.81	RM Test
\$594,691.59	\$547,730.97	\$46,960.63	1.09	RM (Net Fuel) Test
\$872,510.34	\$365,138.00	\$507,372.34	2.39	Societal Test
\$748,540.33	\$335,846.00	\$412,694.33	2.23	Participant Test

Present Values (PVs) of Costs and Benefits Per Test	Cost Based		Market-Based			
	Based	Minimum	Today		Option	
			Alternate	Maximum	Option	Maximum
Utility (PAC) Test						
Avoided Electric Production	\$295,019.68	\$263,123.49	\$440,790.44	\$461,187.40	\$408,507.56	\$1,301,458.55
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$177,431.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$122,240.82	\$122,240.82	\$122,240.82	\$122,240.82	\$122,240.82	\$122,240.82
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$594,691.59	\$385,364.31	\$563,031.26	\$583,428.22	\$530,748.38	\$1,423,699.37
Administration Costs	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$97,708.00	\$97,708.00	\$97,708.00	\$97,708.00	\$97,708.00	\$97,708.00
Total	\$127,000.00	\$127,000.00	\$127,000.00	\$127,000.00	\$127,000.00	\$127,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	4.68	3.03	4.43	4.59	4.18	11.21
TRC Test						
Avoided Electric Production	\$429,557.54	\$383,115.72	\$641,804.15	\$671,502.74	\$594,799.31	\$1,894,962.84
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$273,938.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$169,014.65	\$169,014.65	\$169,014.65	\$169,014.65	\$169,014.65	\$169,014.65
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$872,510.34	\$552,130.37	\$810,818.80	\$840,517.39	\$763,813.96	\$2,063,977.49
Administration Costs	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$335,846.00	\$335,846.00	\$335,846.00	\$335,846.00	\$335,846.00	\$335,846.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.39	1.51	2.22	2.30	2.09	5.65
RIM Test						
Avoided Electric Production	\$295,019.68	\$263,123.49	\$440,790.44	\$461,187.40	\$408,507.56	\$1,301,458.55
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$177,431.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$122,240.82	\$122,240.82	\$122,240.82	\$122,240.82	\$122,240.82	\$122,240.82
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$594,691.59	\$385,364.31	\$563,031.26	\$583,428.22	\$530,748.38	\$1,423,699.37
Administration Costs	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$97,708.00	\$97,708.00	\$97,708.00	\$97,708.00	\$97,708.00	\$97,708.00
Total	\$127,000.00	\$127,000.00	\$127,000.00	\$127,000.00	\$127,000.00	\$127,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Net Revenue (Electric)	\$605,989.13	\$593,713.38	\$605,989.13	\$605,989.13	\$605,989.13	\$616,156.86
Net Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$605,989.13	\$593,713.38	\$605,989.13	\$605,989.13	\$605,989.13	\$616,156.86
Net Fuel Lost Revenue (Electric)	\$420,730.97	\$413,164.96	\$420,730.97	\$420,730.97	\$420,730.97	\$426,995.20
Net Fuel Lost Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$420,730.97	\$413,164.96	\$420,730.97	\$420,730.97	\$420,730.97	\$426,995.20
Test Results	0.81	0.53	0.77	0.80	0.72	1.92
Societal Test						
Avoided Electric Production	\$429,557.54	\$383,115.72	\$641,804.15	\$671,502.74	\$594,799.31	\$1,894,962.84
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$273,938.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$169,014.65	\$169,014.65	\$169,014.65	\$169,014.65	\$169,014.65	\$169,014.65
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$872,510.34	\$552,130.37	\$810,818.80	\$840,517.39	\$763,813.96	\$2,063,977.49
Administration Costs	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00	\$29,292.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$335,846.00	\$335,846.00	\$335,846.00	\$335,846.00	\$335,846.00	\$335,846.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.39	1.51	2.22	2.30	2.09	5.65
Participant Test						
Incentives	\$97,708.00	\$97,708.00	\$97,708.00	\$97,708.00	\$97,708.00	\$97,708.00
Participant Costs (gross)	\$335,846.00	\$335,846.00	\$335,846.00	\$335,846.00	\$335,846.00	\$335,846.00
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$650,832.33	\$637,648.17	\$650,832.33	\$650,832.33	\$650,832.33	\$661,752.46
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$650,832.33	\$637,648.17	\$650,832.33	\$650,832.33	\$650,832.33	\$661,752.46
Test Results	2.23	2.19	2.23	2.23	2.23	2.26

Utility (PAC/UTC) Test	Cost Based		Market-Based			
	Based	Minimum	Today		Option	
			Alternate	Maximum	Option	Maximum
Net Benefits	\$467,691.59	\$258,364.31	\$436,031.26	\$456,428.22	\$403,748.38	\$1,296,699.37
Levelized Cost (kW)	\$22,5923	\$22,5923	\$22,5923	\$22,5923	\$22,5923	\$22,5923
Levelized Cost (kWh)	\$0.0095	\$0.0098	\$0.0095	\$0.0095	\$0.0095	\$0.0093
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
TRC Test						
Net Benefits	\$507,372.34	\$186,992.37	\$445,680.80	\$475,379.39	\$398,675.96	\$1,698,839.49
Levelized Cost (kW)	\$64,9551	\$64,9551	\$64,9551	\$64,9551	\$64,9551	\$64,9551
Levelized Cost (kWh)	\$0.0274	\$0.0281	\$0.0274	\$0.0274	\$0.0274	\$0.0268
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RM Test						
Net Benefits	-\$138,297.54	-\$335,349.07	-\$169,957.88	-\$149,560.92	-\$202,240.76	-\$680,542.51
Net Benefits (Net Fuel)	\$46,960.63	\$154,800.65	\$15,300.29	\$35,697.25	-\$16,982.59	\$869,704.17
Societal Test						
Net Benefits	\$507,372.34	\$186,992.37	\$445,680.80	\$475,379.39	\$398,675.96	\$1,698,839.49
Levelized Cost (kW)	\$64,9551	\$64,9551	\$64,9551	\$64,9551	\$64,9551	\$64,9551
Levelized Cost (kWh)	\$0.0274	\$0.0281	\$0.0274	\$0.0274	\$0.0274	\$0.0268
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Participant Test						
Net Benefits	\$412,694.33	\$399,510.17	\$412,694.33	\$412,694.33	\$412,694.33	\$423,614.46

Participants	kWh	Summer kWh		Generator
		210,031	193,985	
38	587,826	210,031	193,985	Meter
	884,648			

Administration Costs	Implementation Costs	Other/Misc. Costs</
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10 Aggregation Results - 2017 - Sects=COMM-EEP - Tech=LTG.xlsx

Participation and Total Participant Costs												
Year	Participation						Total Participant Costs Gross			Total Participant Costs Net Free Riders / Drop-Out		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net Free/ Drop-out)	One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
1	38	0	38	0	38	38	\$335,846.00	\$0.00	\$335,846.00	\$335,846.00	\$0.00	\$335,846.00
2	0	0	38	0	38	38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	38	0	38	38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	38	0	38	38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	38	0	38	38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	34	0	34	34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	34	0	34	34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	34	0	34	34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	34	0	34	34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	34	0	34	34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	34	0	34	34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	34	0	34	34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	18	0	18	18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	18	0	18	18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	18	0	18	18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	38	0	482	0	482	482	\$335,846	\$0	\$335,846	\$335,846	\$0	\$335,846
Totals	38	0	482	0	482	482	\$335,846	\$0	\$335,846	\$335,846	\$0	\$335,846

Impacts and Savings (Losses Included)																
Year	Per Participant										Electric Impacts/ Savings					
	kWh	kWh (net)	Summer Coin kWh	Summer Coin (net)	Winter Coin kWh	Winter Coin (net)	kWh	kWh (net)	Summer Coin kWh	Summer Coin (net)	Winter Coin kWh	Winter Coin (net)	kWh	kWh (net)	Summer Coin kWh	Summer Coin (net)
1	210	5,527	5,527	5,527	5,527	5,527	25,205.96	25,205.96	210	210	210	210	210	957,826	957,826	957,826
2		5,527	5,527	5,527	5,527	5,527	25,205.96	25,205.96	210	210	210	210	210	957,826	957,826	957,826
3		5,527	5,527	5,527	5,527	5,527	25,205.96	25,205.96	210	210	210	210	210	957,826	957,826	957,826
4		5,527	5,527	5,527	5,527	5,527	25,205.96	25,205.96	210	210	210	210	210	957,826	957,826	957,826
5		5,527	5,527	5,527	5,527	5,527	25,205.96	25,205.96	210	210	210	210	210	957,826	957,826	957,826
6		5,573	5,573	5,573	5,573	5,573	26,489.65	26,489.65	189	189	189	189	189	900,648	900,648	900,648
7		5,573	5,573	5,573	5,573	5,573	26,489.65	26,489.65	189	189	189	189	189	900,648	900,648	900,648
8		5,573	5,573	5,573	5,573	5,573	26,489.65	26,489.65	189	189	189	189	189	900,648	900,648	900,648
9		5,573	5,573	5,573	5,573	5,573	26,489.65	26,489.65	189	189	189	189	189	900,648	900,648	900,648
10		5,573	5,573	5,573	5,573	5,573	26,489.65	26,489.65	189	189	189	189	189	900,648	900,648	900,648
11		5,573	5,573	5,573	5,573	5,573	26,489.65	26,489.65	189	189	189	189	189	900,648	900,648	900,648
12		5,573	5,573	5,573	5,573	5,573	26,489.65	26,489.65	189	189	189	189	189	900,648	900,648	900,648
13		8,040	8,040	8,040	8,040	8,040	41,323.87	41,323.87	145	145	145	145	145	743,830	743,830	743,830
14		8,040	8,040	8,040	8,040	8,040	41,323.87	41,323.87	145	145	145	145	145	743,830	743,830	743,830
15		8,040	8,040	8,040	8,040	8,040	41,323.87	41,323.87	145	145	145	145	145	743,830	743,830	743,830
16		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
17		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
18		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
19		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
20		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
21		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
22		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
23		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
24		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
25		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0
Totals		435,429	435,429	435,429	435,429	435,429	13,325,157	13,325,157	957,826	957,826	957,826	957,826	957,826	957,826	957,826	957,826

Lost Revenue Dollars (Losses Included)									
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)		
	Electric	Gas	Total	Net Free/Drop-Out Electric	Net Free/Drop-Out Gas	Net Free/Drop-Out Total	Net Free/Drop-Out Electric	Net Free/Drop-Out Gas	Net Free/Drop-Out Total
1	\$1,856.20	\$0.00	\$1,856.20	\$63,011.46	\$0.00	\$63,011.46	\$41,381.60	\$0.00	\$41,381.60
2	\$1,724.52	\$0.00	\$1,724.52	\$65,531.92	\$0.00	\$65,531.92	\$43,882.05	\$0.00	\$43,882.05
3	\$1,793.51	\$0.00	\$1,793.51	\$68,153.20	\$0.00	\$68,153.20	\$46,503.33	\$0.00	\$46,503.33
4	\$1,865.25	\$0.00	\$1,865.25	\$70,879.33	\$0.00	\$70,879.33	\$49,229.46	\$0.00	\$49,229.46
5	\$1,883.90	\$0.00	\$1,883.90	\$71,588.12	\$0.00	\$71,588.12	\$49,938.25	\$0.00	\$49,938.25
6	\$1,992.76	\$0.00	\$1,992.76	\$67,413.98	\$0.00	\$67,413.98	\$47,056.53	\$0.00	\$47,056.53
7	\$2,002.59	\$0.00	\$2,002.59	\$68,088.12	\$0.00	\$68,088.12	\$47,730.67	\$0.00	\$47,730.67
8	\$2,022.62	\$0.00	\$2,022.62	\$68,769.00	\$0.00	\$68,769.00	\$48,411.55	\$0.00	\$48,411.55
9	\$2,042.84	\$0.00	\$2,042.84	\$69,456.69	\$0.00	\$69,456.69	\$49,099.24	\$0.00	\$49,099.24
10	\$2,063.27	\$0.00	\$2,063.27	\$70,151.26	\$0.00	\$70,151.26	\$49,793.80	\$0.00	\$49,793.80
11	\$2,083.91	\$0.00	\$2,083.91	\$70,852.77	\$0.00	\$70,852.77	\$50,495.32	\$0.00	\$50,495.32
12	\$2,104.74	\$0.00	\$2,104.74	\$71,561.30	\$0.00	\$71,561.30	\$51,203.84	\$0.00	\$51,203.84
13	\$3,265.97	\$0.00	\$3,265.97	\$58,787.45	\$0.00	\$58,787.45	\$41,974.58	\$0.00	\$41,974.58
14	\$3,298.63	\$0.00	\$3,298.63	\$59,375.32	\$0.00	\$59,375.32	\$42,562.45	\$0.00	\$42,562.45
15	\$3,331.62	\$0.00	\$3,331.62	\$59,969.08	\$0.00	\$59,969.08	\$43,156.21	\$0.00	\$43,156.21
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$33,124.32	\$0.00	\$33,124.32	\$1,003,589.02	\$0.00	\$1,003,589.02	\$702,398.87	\$0.00	\$702,398.87

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Utility Program Costs (Losses Included)											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	Training	Other	Total	\$/kW	\$/kWh (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$29,292.00	\$0.00	\$97,708.00	\$0.00	\$127,000.00	\$302.34	\$302.34	\$0.13	\$0.13	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$29,292.00	\$0.00	\$97,708.00	\$0.00	\$127,000.00	\$302.34	\$302.34	\$0.13	\$0.13	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario							
Year	Cumulative Electric				Cumulative Gas		
	Energy	Address/Capacity	T&D	Ancillary	Total	Gas Distribution	Gas Commodity
1	\$36,737.66	\$0.00	\$14,878.91	\$0.00	\$50,616.57	\$0.00	\$0.00
2	\$37,924.70	\$0.00	\$15,045.23	\$0.00	\$52,969.93	\$0.00	\$0.00
3	\$44,692.80	\$0.00	\$15,219.29	\$0.00	\$59,912.09	\$0.00	\$0.00
4	\$46,189.67	\$0.00	\$15,118.63	\$0.00	\$60,308.30	\$0.00	\$0.00
5	\$46,716.65	\$0.00	\$15,061.66	\$0.00	\$61,778.32	\$0.00	\$0.00
6	\$46,134.13	\$0.00	\$13,427.47	\$0.00	\$59,561.59	\$0.00	\$0.00
7	\$47,887.10	\$0.00	\$13,267.68	\$0.00	\$61,154.78	\$0.00	\$0.00
8	\$49,121.13	\$0.00	\$13,114.60	\$0.00	\$62,235.73	\$0.00	\$0.00
9	\$50,341.75	\$0.00	\$12,966.33	\$0.00	\$63,308.07	\$0.00	\$0.00
10	\$50,778.09	\$0.00	\$12,817.21	\$0.00	\$63,595.29	\$0.00	\$0.00
11	\$52,043.11	\$0.00	\$12,671.04	\$0.00	\$64,714.15	\$0.00	\$0.00
12	\$52,981.49	\$0.00	\$12,525.94	\$0.00	\$65,207.43	\$0.00	\$0.00
13	\$44,813.99	\$0.00	\$9,456.31	\$0.00	\$54,270.30	\$0.00	\$0.00
14	\$46,158.41	\$0.00	\$9,348.61	\$0.00	\$55,507.03	\$0.00	\$0.00
15	\$47,543.17	\$0.00	\$9,367.61	\$0.00	\$56,910.77	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$697,663.85	\$0.00	\$194,286.50	\$0.00	\$891,950.35	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value							
Year	Cumulative Electric				Cumulative Gas		
	Energy	Address/Capacity	T&D	Ancillary	Total	Gas Distribution	Gas Commodity
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)							
Year	Cumulative Electric				Cumulative Gas		
	Energy	Capacity	T&D	Ancillary	Total	Gas Distribution	Gas Commodity
1	\$25,809.35	\$8,201.73	\$14,878.91	\$0.00	\$48,889.98	\$0.00	\$0.00
2	\$27,388.80	\$10,806.59	\$15,045.23	\$0.00	\$53,040.62	\$0.00	\$0.00
3	\$32,204.43	\$11,130.62	\$15,219.29	\$0.00	\$58,554.34	\$0.00	\$0.00
4	\$32,635.48	\$11,525.48	\$15,118.63	\$0.00	\$59,279.59	\$0.00	\$0.00
5	\$33,738.26	\$11,593.74	\$15,061.66	\$0.00	\$60,393.66	\$0.00	\$0.00
6	\$33,317.56	\$29,544.27	\$13,427.47	\$0.00	\$76,289.30	\$0.00	\$0.00
7	\$34,583.54	\$29,544.27	\$13,267.68	\$0.00	\$77,395.49	\$0.00	\$0.00
8	\$36,474.74	\$29,544.27	\$13,114.60	\$0.00	\$78,133.61	\$0.00	\$0.00
9	\$36,356.26	\$29,544.27	\$12,966.33	\$0.00	\$78,866.86	\$0.00	\$0.00
10	\$36,671.38	\$29,544.27	\$12,817.21	\$0.00	\$79,032.86	\$0.00	\$0.00
11	\$37,584.96	\$29,544.27	\$12,671.04	\$0.00	\$79,800.27	\$0.00	\$0.00
12	\$38,046.00	\$29,544.27	\$12,525.94	\$0.00	\$80,116.21	\$0.00	\$0.00
13	\$32,364.18	\$22,563.52	\$9,456.31	\$0.00	\$64,384.00	\$0.00	\$0.00
14	\$33,335.10	\$22,563.52	\$9,348.61	\$0.00	\$65,247.23	\$0.00	\$0.00
15	\$34,335.15	\$22,563.52	\$9,367.61	\$0.00	\$66,265.28	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$503,845.19	\$327,558.61	\$194,286.50	\$0.00	\$1,025,690.30	\$1,025,690.30	\$0.00

11 Aggregation Results - 2017 - Sect=COMM-EEP - Tech=ALL.xlsx

Cost / Benefit Tests For Normal Weather	Cost Based		Market-Based			
	Based	Minimum	Today		Alternate	
			Minimum	Today	Alternate	Option
Utility (PAC) Test	5.642153768	3.946444233	5.821487995	6.038173423	5.484770821	14.87638186
TRC Test	2.397556396	1.645255504	2.437919147	2.529944667	2.295578804	6.265738188
RIM Test	0.740640589	0.528025477	0.764182949	0.792757012	0.719981081	1.922825616
RM (Net Fuel)	0.979611108	0.697038705	1.0107495	1.048543094	0.95228573	2.547161816
Societal Test	2.397556396	1.645255504	2.437919147	2.529944667	2.295578804	6.265738188
Participant Test	2.422382987	2.374772778	2.422382987	2.422382987	2.422382987	2.461666413

Cost of Conserved kWh, kW, and CCF				
100% Allocation		Normalized	Levelized	% Allocation
		\$21,2290	\$21,2290	100.00%
	Total Costs / kW Savings	\$0.0074	\$0.0074	100.00%
	Total Costs / kWh Savings	\$0.0000	\$0.0000	100.00%
	Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
	Allocated By Cost-Based Avoided Costs	\$0.0000	\$0.0000	
	Allocated Costs / kW Savings	\$6.4833	\$6.4833	30.54%
	Allocated Costs / kWh Savings	\$0.0051	\$0.0051	69.46%
	Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$1,901,405.82	\$337,000.00	\$1,564,405.82	5.64	Utility (PAC) Test
\$2,818,322.46	\$1,175,497.88	\$1,642,824.58	2.40	TRC Test
\$1,901,405.82	\$2,567,244.96	(\$665,839.14)	0.74	RIM Test
\$1,901,405.82	\$1,940,980.26	(\$39,574.44)	0.98	RM (Net Fuel) Test
\$2,818,322.46	\$1,175,497.88	\$1,642,824.58	2.40	Societal Test
\$2,651,276.09	\$1,094,490.88	\$1,556,785.21	2.42	Participant Test

Present Values (PVs) of Costs and Benefits Per Test	Cost Based		Market-Based			
	Based	Minimum	Today		Alternate	
			Minimum	Today	Alternate	Option
Utility (PAC) Test						
Avoided Electric Production	\$1,047,128.09	\$936,071.88	\$1,567,965.00	\$1,641,321.62	\$1,454,487.97	\$4,619,460.88
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$460,397.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$393,879.83	\$393,879.83	\$393,879.83	\$393,879.83	\$393,879.83	\$393,879.83
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$1,901,405.82	\$1,329,951.71	\$1,961,844.82	\$2,035,201.44	\$1,848,367.80	\$5,013,340.69
Administration Costs	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$255,993.00	\$255,993.00	\$255,993.00	\$255,993.00	\$255,993.00	\$255,993.00
Total	\$337,000.00	\$337,000.00	\$337,000.00	\$337,000.00	\$337,000.00	\$337,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	5.64	3.95	5.82	6.04	5.48	14.88
TRC Test						
Avoided Electric Production	\$1,544,054.41	\$1,380,310.90	\$2,312,085.33	\$2,420,261.13	\$2,144,764.56	\$6,811,678.50
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$720,584.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$553,683.46	\$553,683.46	\$553,683.46	\$553,683.46	\$553,683.46	\$553,683.46
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,818,322.46	\$1,933,994.36	\$2,865,768.79	\$2,973,944.59	\$2,698,448.02	\$7,365,361.96
Administration Costs	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.40	1.65	2.44	2.53	2.30	6.27
RIM Test						
Avoided Electric Production	\$1,047,128.09	\$936,071.88	\$1,567,965.00	\$1,641,321.62	\$1,454,487.97	\$4,619,460.88
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$460,397.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$393,879.83	\$393,879.83	\$393,879.83	\$393,879.83	\$393,879.83	\$393,879.83
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$1,901,405.82	\$1,329,951.71	\$1,961,844.82	\$2,035,201.44	\$1,848,367.80	\$5,013,340.69
Administration Costs	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$255,993.00	\$255,993.00	\$255,993.00	\$255,993.00	\$255,993.00	\$255,993.00
Total	\$337,000.00	\$337,000.00	\$337,000.00	\$337,000.00	\$337,000.00	\$337,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	0.74	0.53	0.76	0.79	0.72	1.92
0.98	0.70	1.01	1.05	0.95	2.55	
Societal Test						
Avoided Electric Production	\$1,544,054.41	\$1,380,310.90	\$2,312,085.33	\$2,420,261.13	\$2,144,764.56	\$6,811,678.50
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$720,584.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$553,683.46	\$553,683.46	\$553,683.46	\$553,683.46	\$553,683.46	\$553,683.46
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,818,322.46	\$1,933,994.36	\$2,865,768.79	\$2,973,944.59	\$2,698,448.02	\$7,365,361.96
Administration Costs	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00
Implementation / Participation Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00	\$81,007.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.40	1.65	2.44	2.53	2.30	6.27
Participant Test						
Incentives	\$255,993.00	\$255,993.00	\$255,993.00	\$255,993.00	\$255,993.00	\$255,993.00
Participant Costs (gross)	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88	\$1,094,490.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$2,395,283.09	\$2,343,174.15	\$2,395,283.09	\$2,395,283.09	\$2,395,283.09	\$2,438,278.44
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,395,283.09	\$2,343,174.15	\$2,395,283.09	\$2,395,283.09	\$2,395,283.09	\$2,438,278.44
Test Results	2.42	2.37	2.42	2.42	2.42	2.46

Utility (PAC/UTC) Test	Cost Based		Market-Based			
	Based	Minimum	Today		Alternate	
			Minimum	Today	Alternate	Option
Net Benefits	\$1,642,824.58	\$758,496.48	\$1,690,270.91	\$1,798,446.71	\$1,522,950.14	\$6,189,864.08
Levelized Cost (kW)	\$74.0496	\$74.0496	\$74.0496	\$74.0496	\$74.0496	\$74.0496
Levelized Cost (kWh)	\$0.0257	\$0.0263	\$0.0257	\$0.0257	\$0.0257	\$0.0251
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
RIM Test						
Net Benefits	(\$665,839.14)	#####	(\$605,400.14)	(\$532,043.52)	(\$718,877.16)	\$2,406,062.81
Net Benefits (Net Fuel)	(\$39,574.44)	#####	(\$78,050.96)	\$20,864.57	\$94,221.19	(\$92,612.46)
Levelized Cost (kW)	\$74.0496	\$74.0496	\$74.0496	\$74.0496	\$74.0496	\$74.0496
Levelized Cost (kWh)	\$0.0257	\$0.0263	\$0.0257	\$0.0257	\$0.0257	\$0.0251
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Societal Test						
Net Benefits	\$1,556,785.21	\$1,504,676.27	\$1,556,785.21	\$1,556,785.21	\$1,556,785.21	\$1,599,780.56
Levelized Cost (kW)	\$74.0496	\$74.0496	\$74.0496	\$74.0496	\$74.0496	\$74.0496
Levelized Cost (kWh)	\$0.0257	\$0.0263	\$0.0257	\$0.0257	\$0.0257	\$0.0251
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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Participation and Total Participant Costs												
Year	Participation						Total Participant Costs Gross			Total Participant Costs Net Free Riders / Drop-Out		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net free-drop-out)	One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
1	130	0	130	0	130	130	\$1,094,480.88	\$0.00	\$1,094,480.88	\$1,094,480.88	\$0.00	\$1,094,480.88
2	0	0	130	0	130	130	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	130	0	130	130	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	130	0	130	130	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	130	0	130	130	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	126	0	126	126	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	126	0	126	126	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	126	0	126	126	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	126	0	126	126	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	126	0	126	126	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	126	0	126	126	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	126	0	126	126	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	110	0	110	110	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	110	0	110	110	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	110	0	110	110	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	130	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	130	0	1,862	0	1,862	1,862	\$1,094,491	\$0	\$1,094,491	\$1,094,491	\$0	\$1,094,491

Impacts and Savings (Losses Included)																		
Year	Per Participant										Cumulative				Yearly Incremental (Per Participant * Incremental Participants)			
	kWh	kWh (net)	Summer Coin kWh	Summer Coin (net)	Winter Coin kWh	Winter Coin (net)	kWh	kWh (net)	Summer Coin kWh	Summer Coin (net)	Winter Coin kWh	Winter Coin (net)	kWh	kWh (net)	Summer Coin kWh	Summer Coin (net)	Winter Coin kWh	Winter Coin (net)
1	4,373	4,373	3,903	3,903	4,586	4,586	24,025.16	24,025.16	569	569	507	507	596	596	3,123.271	3,123.271	0	0
2	4,373	4,373	3,903	3,903	4,586	4,586	24,025.16	24,025.16	569	569	507	507	596	596	3,123.271	3,123.271	0	0
3	4,373	4,373	3,903	3,903	4,586	4,586	24,025.16	24,025.16	569	569	507	507	596	596	3,123.271	3,123.271	0	0
4	4,373	4,373	3,903	3,903	4,586	4,586	24,025.16	24,025.16	569	569	507	507	596	596	3,123.271	3,123.271	0	0
5	4,373	4,373	3,903	3,903	4,586	4,586	24,025.16	24,025.16	569	569	507	507	596	596	3,123.271	3,123.271	0	0
6	4,349	4,349	3,864	3,864	4,569	4,569	24,334.07	24,334.07	548	548	487	487	576	576	3,066.093	3,066.093	0	0
7	4,349	4,349	3,864	3,864	4,569	4,569	24,334.07	24,334.07	548	548	487	487	576	576	3,066.093	3,066.093	0	0
8	4,349	4,349	3,864	3,864	4,569	4,569	24,334.07	24,334.07	548	548	487	487	576	576	3,066.093	3,066.093	0	0
9	4,349	4,349	3,864	3,864	4,569	4,569	24,334.07	24,334.07	548	548	487	487	576	576	3,066.093	3,066.093	0	0
10	4,349	4,349	3,864	3,864	4,569	4,569	24,334.07	24,334.07	548	548	487	487	576	576	3,066.093	3,066.093	0	0
11	4,349	4,349	3,864	3,864	4,569	4,569	24,334.07	24,334.07	548	548	487	487	576	576	3,066.093	3,066.093	0	0
12	4,349	4,349	3,864	3,864	4,569	4,569	24,334.07	24,334.07	548	548	487	487	576	576	3,066.093	3,066.093	0	0
13	4,575	4,575	4,019	4,019	4,826	4,826	26,447.95	26,447.95	503	503	442	442	531	531	2,909.275	2,909.275	0	0
14	4,575	4,575	4,019	4,019	4,826	4,826	26,447.95	26,447.95	503	503	442	442	531	531	2,909.275	2,909.275	0	0
15	4,575	4,575	4,019	4,019	4,826	4,826	26,447.95	26,447.95	503	503	442	442	531	531	2,909.275	2,909.275	0	0
16	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
17	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
18	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
19	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
20	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
21	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
22	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
23	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
24	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
25	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Totals	4,373	4,373	3,903	3,903	4,586	4,586	369,808	369,808	569	569	507	507	596	596	45,806.832	45,806.832	0	0

Lost Revenue Dollars (Losses Included)									
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)		
	Electric	Gas	Total	Net Free-Drop-Out Electric	Net Free-Drop-Out Gas	Net Free-Drop-Out Total	Net Free-Drop-Out Electric	Net Free-Drop-Out Gas	Net Free-Drop-Out Total
1	\$1,706.76	\$0.00	\$1,706.76	\$221,878.69	\$0.00	\$221,878.69	\$151,263.01	\$0.00	\$151,263.01
2	\$1,775.03	\$0.00	\$1,775.03	\$230,753.84	\$0.00	\$230,753.84	\$160,158.15	\$0.00	\$160,158.15
3	\$1,846.03	\$0.00	\$1,846.03	\$239,983.99	\$0.00	\$239,983.99	\$169,388.31	\$0.00	\$169,388.31
4	\$1,919.87	\$0.00	\$1,919.87	\$249,583.35	\$0.00	\$249,583.35	\$178,987.67	\$0.00	\$178,987.67
5	\$1,939.07	\$0.00	\$1,939.07	\$252,079.18	\$0.00	\$252,079.18	\$181,463.50	\$0.00	\$181,463.50
6	\$1,991.83	\$0.00	\$1,991.83	\$249,709.96	\$0.00	\$249,709.96	\$180,406.68	\$0.00	\$180,406.68
7	\$2,001.64	\$0.00	\$2,001.64	\$252,207.06	\$0.00	\$252,207.06	\$182,903.78	\$0.00	\$182,903.78
8	\$2,021.66	\$0.00	\$2,021.66	\$254,729.13	\$0.00	\$254,729.13	\$185,425.85	\$0.00	\$185,425.85
9	\$2,041.88	\$0.00	\$2,041.88	\$257,276.42	\$0.00	\$257,276.42	\$187,973.15	\$0.00	\$187,973.15
10	\$2,062.30	\$0.00	\$2,062.30	\$259,849.18	\$0.00	\$259,849.18	\$190,545.91	\$0.00	\$190,545.91
11	\$2,082.92	\$0.00	\$2,082.92	\$262,447.68	\$0.00	\$262,447.68	\$193,144.40	\$0.00	\$193,144.40
12	\$2,103.75	\$0.00	\$2,103.75	\$265,072.15	\$0.00	\$265,072.15	\$195,768.88	\$0.00	\$195,768.88
13	\$2,311.21	\$0.00	\$2,311.21	\$254,233.41	\$0.00	\$254,233.41	\$188,474.72	\$0.00	\$188,474.72
14	\$2,334.32	\$0.00	\$2,334.32	\$256,775.74	\$0.00	\$256,775.74	\$191,017.06	\$0.00	\$191,017.06
15	\$2,877.67	\$0.00	\$2,877.67	\$259,943.50	\$0.00	\$259,943.50	\$193,694.81	\$0.00	\$193,694.81
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$30,485.93	\$0.00	\$30,485.93	\$3,765,923.27	\$0.00	\$3,765,923.27	\$2,730,545.88	\$0.00	\$2,730,545.88

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Utility Program Costs (Losses Included)											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	Enrollment	Other	Total	\$/kW	\$/kWh (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$81,007.00	\$0.00	\$255,993.00	\$0.00	\$337,000.00	\$305.36	\$305.36	\$0.11	\$0.11	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$81,007.00	\$0.00	\$255,993.00	\$0.00	\$337,000.00	\$305.36	\$305.36	\$0.11	\$0.11	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Ancillary	Total	Gas Distribution	Gas Commodity	Total	
1	\$121,883.91	\$0.00	\$45,528.28	\$0.00	\$167,412.19	\$0.00	\$0.00	\$0.00	
2	\$129,342.86	\$0.00	\$46,037.21	\$0.00	\$175,380.07	\$0.00	\$0.00	\$0.00	
3	\$152,084.50	\$0.00	\$46,569.82	\$0.00	\$198,654.32	\$0.00	\$0.00	\$0.00	
4	\$154,120.15	\$0.00	\$46,261.81	\$0.00	\$200,381.97	\$0.00	\$0.00	\$0.00	
5	\$159,327.96	\$0.00	\$46,087.49	\$0.00	\$205,415.45	\$0.00	\$0.00	\$0.00	
6	\$164,401.31	\$0.00	\$44,086.17	\$0.00	\$208,487.49	\$0.00	\$0.00	\$0.00	
7	\$170,648.11	\$0.00	\$43,561.55	\$0.00	\$214,209.66	\$0.00	\$0.00	\$0.00	
8	\$175,046.66	\$0.00	\$43,058.93	\$0.00	\$218,105.58	\$0.00	\$0.00	\$0.00	
9	\$179,395.38	\$0.00	\$42,572.12	\$0.00	\$221,967.50	\$0.00	\$0.00	\$0.00	
10	\$180,950.30	\$0.00	\$42,082.51	\$0.00	\$223,032.81	\$0.00	\$0.00	\$0.00	
11	\$185,458.27	\$0.00	\$41,602.60	\$0.00	\$227,060.87	\$0.00	\$0.00	\$0.00	
12	\$187,733.19	\$0.00	\$41,126.20	\$0.00	\$228,859.39	\$0.00	\$0.00	\$0.00	
13	\$183,917.24	\$0.00	\$37,727.75	\$0.00	\$221,644.99	\$0.00	\$0.00	\$0.00	
14	\$189,434.76	\$0.00	\$37,298.08	\$0.00	\$226,732.83	\$0.00	\$0.00	\$0.00	
15	\$195,117.80	\$0.00	\$37,373.85	\$0.00	\$232,491.64	\$0.00	\$0.00	\$0.00	
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$2,528,861.39	\$0.00	\$640,974.36	\$0.00	\$3,169,835.75	\$0.00	\$0.00	\$0.00	

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Address/Capacity	T&D	Ancillary	Total	Gas Distribution	Gas Commodity	Total	
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28	\$0.00	\$0.00	

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)									
Year	Cumulative Electric				Cumulative Gas				
	Energy	Capacity	T&D	Ancillary	Total	Gas Distribution	Gas Commodity	Total	
1	\$87,752.50	\$19,813.59	\$45,528.28	\$0.00	\$153,094.37	\$0.00	\$0.00	\$0.00	
2	\$93,122.70	\$25,623.21	\$46,037.21	\$0.00	\$164,783.11	\$0.00	\$0.00	\$0.00	
3	\$109,495.95	\$26,880.15	\$46,569.82	\$0.00	\$182,954.92	\$0.00	\$0.00	\$0.00	
4	\$110,961.55	\$27,843.04	\$46,261.81	\$0.00	\$185,066.41	\$0.00	\$0.00	\$0.00	
5	\$114,711.01	\$28,007.94	\$46,087.49	\$0.00	\$188,806.44	\$0.00	\$0.00	\$0.00	
6	\$118,357.15	\$75,908.06	\$44,086.17	\$0.00	\$238,351.38	\$0.00	\$0.00	\$0.00	
7	\$122,854.40	\$75,908.06	\$43,561.55	\$0.00	\$242,324.01	\$0.00	\$0.00	\$0.00	
8	\$126,020.31	\$75,908.06	\$43,058.93	\$0.00	\$244,987.30	\$0.00	\$0.00	\$0.00	
9	\$129,151.80	\$75,908.06	\$42,572.12	\$0.00	\$247,631.98	\$0.00	\$0.00	\$0.00	
10	\$130,271.23	\$75,908.06	\$42,082.51	\$0.00	\$248,261.81	\$0.00	\$0.00	\$0.00	
11	\$133,516.65	\$75,908.06	\$41,602.60	\$0.00	\$251,027.31	\$0.00	\$0.00	\$0.00	
12	\$135,154.42	\$75,908.06	\$41,126.20	\$0.00	\$252,188.68	\$0.00	\$0.00	\$0.00	
13	\$132,385.86	\$68,927.31	\$37,727.75	\$0.00	\$239,040.91	\$0.00	\$0.00	\$0.00	
14	\$136,357.43	\$68,927.31	\$37,298.08	\$0.00	\$242,582.81	\$0.00	\$0.00	\$0.00	
15	\$140,448.15	\$68,927.31	\$37,373.85	\$0.00	\$246,749.31	\$0.00	\$0.00	\$0.00	
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$1,820,561.11	\$866,315.29	\$640,974.36	\$0.00	\$3,327,850.75	\$3,327,850.75	\$0.00	\$0.00	

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Cost / Benefit Tests For Normal Weather					
	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
Utility (PAC) Test	5.292475007	3.719722369	5.547334411	5.753302437	5.231411216
TRC Test	2.417092476	1.67043951	2.510894919	2.605432493	2.365977239
RIM Test	0.703208165	0.503848956	0.737071919	0.764438045	0.695094853
RM (Net Fuel)	0.3120398	0.352880818	0.355649857	0.392169491	0.302162817
Societal Test	2.417092476	1.67043951	2.510894919	2.605432493	2.365977239
Participant Test	2.93226295	2.872527164	2.93226295	2.93226295	2.882195709

Cost of Conserved kWh, kW, and CCF				
100% Allocation		Nominal	Levelized	% Allocation
		\$23,1437	\$23,1437	100.00%
	Total Costs / kW Savings	\$0.0078	\$0.0078	100.00%
	Total Costs / kWh Savings	\$0.0000	\$0.0000	100.00%
	Total Costs / CCF Savings	\$0.0000	\$0.0000	100.00%
Allocated By Cost-Based Avoided Costs		\$0.0000	\$0.0000	
	Allocated Costs / kW Savings	\$6.7343	\$6.7343	29.10%
	Allocated Costs / kWh Savings	\$0.0055	\$0.0055	70.90%
	Allocated Costs / CCF Savings	\$0.0000	\$0.0000	0.00%

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$2,376,321.28	\$489,000.00	\$1,827,321.28	5.29	Utility (PAC) Test
\$3,543,089.88	\$1,465,847.88	\$2,077,242.00	2.42	TRC Test
\$2,376,321.28	\$3,379,257.24	(\$1,002,935.96)	0.70	RIM Test
\$2,376,321.28	\$2,603,620.47	(\$227,299.19)	0.91	RM (Net Fuel) Test
\$3,543,089.88	\$1,465,847.88	\$2,077,242.00	2.42	Societal Test
\$3,854,726.13	\$1,314,590.88	\$2,540,135.25	2.93	Participant Test

Present Values (PVs) of Costs and Benefits Per Test					
Utility (PAC) Test	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$1,315,556.85	\$1,149,288.78	\$1,969,886.58	\$2,062,366.23	\$1,828,037.07
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$539,897.86	\$0.00	\$0.00	\$0.00	\$0.00
Avoided T&D Electric	\$520,866.57	\$520,866.57	\$520,866.57	\$520,866.57	\$520,866.57
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,376,321.28	\$1,670,155.34	\$2,490,753.15	\$2,583,232.79	\$2,348,903.64
Administration Costs	\$138,582.00	\$138,582.00	\$138,582.00	\$138,582.00	\$138,582.00
Implementation / Participation Costs	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$297,743.00	\$297,743.00	\$297,743.00	\$297,743.00	\$297,743.00
Total	\$449,000.00	\$449,000.00	\$449,000.00	\$449,000.00	\$449,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	5.29	3.72	5.55	6.75	5.23
TRC Test	\$1,970,818.72	\$1,719,081.92	\$2,951,069.84	\$3,089,647.55	\$2,738,642.57
Avoided Electric Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Production Address	\$842,751.02	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$729,520.15	\$729,520.15	\$729,520.15	\$729,520.15	\$729,520.15
Avoided T&D Electric	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$3,543,089.88	\$2,448,602.07	\$3,680,589.99	\$3,819,167.70	\$3,468,162.72
Administration Costs	\$138,582.00	\$138,582.00	\$138,582.00	\$138,582.00	\$138,582.00
Implementation / Participation Costs	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$151,257.00	\$151,257.00	\$151,257.00	\$151,257.00	\$151,257.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Costs (net)	\$1,314,590.88	\$1,314,590.88	\$1,314,590.88	\$1,314,590.88	\$1,314,590.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.42	1.67	2.51	2.61	2.37
RIM Test	\$1,315,556.85	\$1,149,288.78	\$1,969,886.58	\$2,062,366.23	\$1,828,037.07
Avoided Electric Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Production Address	\$539,897.86	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$520,866.57	\$520,866.57	\$520,866.57	\$520,866.57	\$520,866.57
Avoided T&D Electric	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,376,321.28	\$1,670,155.34	\$2,490,753.15	\$2,583,232.79	\$2,348,903.64
Administration Costs	\$138,582.00	\$138,582.00	\$138,582.00	\$138,582.00	\$138,582.00
Implementation / Participation Costs	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00	\$12,675.00
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$297,743.00	\$297,743.00	\$297,743.00	\$297,743.00	\$297,743.00
Total	\$449,000.00	\$449,000.00	\$449,000.00	\$449,000.00	\$449,000.00
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Loss Revenue (Electric)	\$2,930,257.24	\$2,865,793.44	\$2,930,257.24	\$2,930,257.24	\$2,930,257.24
Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,930,257.24	\$2,865,793.44	\$2,930,257.24	\$2,930,257.24	\$2,930,257.24
Net Fuel Loss Revenue (Electric)	\$2,154,620.47	\$2,109,103.84	\$2,154,620.47	\$2,154,620.47	\$2,154,620.47
Net Fuel Loss Revenue (Gas)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,154,620.47	\$2,109,103.84	\$2,154,620.47	\$2,154,620.47	\$2,154,620.47
Test Results	0.70	0.50	0.74	0.76	0.70
Societal Test	2.42	1.67	2.51	2.61	2.37
Participant Test	\$297,743.00	\$297,743.00	\$297,743.00	\$297,743.00	\$297,743.00
Incentives	\$297,743.00	\$297,743.00	\$297,743.00	\$297,743.00	\$297,743.00
Participant Costs (gross)	\$1,314,590.88	\$1,314,590.88	\$1,314,590.88	\$1,314,590.88	\$1,314,590.88
Participant Tax Credits (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Electric) (gross)	\$3,556,983.13	\$3,478,455.01	\$3,556,983.13	\$3,556,983.13	\$3,556,983.13
Participant Bill Savings (Gas) (gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Bill Savings (Total)	\$3,556,983.13	\$3,478,455.01	\$3,556,983.13	\$3,556,983.13	\$3,556,983.13
Total	\$3,556,983.13	\$3,478,455.01	\$3,556,983.13	\$3,556,983.13	\$3,556,983.13
Test Results	2.93	2.87	2.93	2.93	2.88

Utility (PAC/UTC) Test					
	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
Net Benefits	\$2,077,242.00	\$982,754.19	\$2,214,742.11	\$2,353,319.82	\$2,002,314.84
Levelized Cost (kW)	\$75,5570	\$75,5570	\$75,5570	\$75,5570	\$75,5570
Levelized Cost (kWh)	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Net Benefits (Net Fuel)	#####	#####	#####	#####	#####
Levelized Cost (kW)	\$75,5570	\$75,5570	\$75,5570	\$75,5570	\$75,5570
Levelized Cost (kWh)	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Net Benefits	\$2,077,242.00	\$982,754.19	\$2,214,742.11	\$2,353,319.82	\$2,002,314.84
Levelized Cost (kW)	\$75,5570	\$75,5570	\$75,5570	\$75,5570	\$75,5570
Levelized Cost (kWh)	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Net Benefits (Net Fuel)	#####	#####	#####	#####	#####
Levelized Cost (kW)	\$75,5570	\$75,5570	\$75,5570	\$75,5570	\$75,5570
Levelized Cost (kWh)	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254
Levelized Cost (CCF)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Net Benefits	\$2,540,135.25	\$2,461,607.13	\$2,540,135.25	\$2,540,135.25	\$2,540,135.25

Participants				
kWh	Summer kWh	Winter kWh	Generator	Meter
2651	3,816,930	1,003,067	711,338	
	3,525,317	926,433	656,992	

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$138,582.00	\$12,675.00	\$0.00	\$297,743.00	\$449,000.00

Present Values (PVs) of Impacts					
	Cost Based		Market-Based		
	Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	19400.5581	19400.5581	19400.5581	19400.5581	19400.5581
kWh (Discounted)	57815073.1737	56405363.5045	57815073.1737	57815073.1737	57815073.1737
CCF (Discounted)	0.0000	0.0000	0.0000	0.0000	0.0000
kWh (Undiscounted)	19400.5581	19400.5581	19400.5581	19400.5581	19400.5581
kWh (Undiscounted)	57815073.1737	56405363.5045	57815073.1737	57815073.1737	57815073.1737
CCF (Undiscounted)	0.0000	0.0000	0.0000	0.0000	0.0000

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Participation and Total Participant Costs												
Year	Participation						Total Participant Costs			Total Participant Costs		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net free/drop-out)	One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
1	2651	0	2651	0	2651	2651	\$1,314,590.88	\$0.00	\$1,314,590.88	\$1,314,590.88	\$0.00	\$1,314,590.88
2	0	0	1660	0	1660	1660	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	1660	0	1660	1660	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	1660	0	1660	1660	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	1660	0	1660	1660	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	1656	0	1656	1656	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	1656	0	1656	1656	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	1656	0	1656	1656	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	1656	0	1656	1656	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	1656	0	1656	1656	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	1656	0	1656	1656	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	1656	0	1656	1656	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	1640	0	1640	1640	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	1640	0	1640	1640	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	1640	0	1640	1640	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	30	0	30	30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	30	0	30	30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	30	0	30	30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	1	0	1	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	1	0	1	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	2,651	0	25,895	0	25,895	25,895	\$1,314,591	\$0	\$1,314,591	\$1,314,591	\$0	\$1,314,591

Impacts and Savings (Losses Included)																
Year	Per Participant										Electric Impacts/Savings					
	NW	KW (net)	Summer Con kW	Summer Con (net)	Winter Con kW	Winter Con (net)	With	With (net)	NW	KW (net)	Summer Con kW	Summer Con (net)	Winter Con kW	Winter Con (net)	With	With (net)
1	0.427	0.427	0.378	0.378	0.298	0.298	1,439.81	1,439.81	1,131	1,131	1,003	1,003	711	711	3,816,930	3,816,930
2	0.418	0.418	0.341	0.341	0.429	0.429	2,288.31	2,288.31	694	694	566	566	711	711	3,798,602	3,798,602
3	0.418	0.418	0.341	0.341	0.429	0.429	2,288.31	2,288.31	694	694	566	566	711	711	3,798,602	3,798,602
4	0.418	0.418	0.341	0.341	0.429	0.429	2,288.31	2,288.31	694	694	566	566	711	711	3,798,602	3,798,602
5	0.418	0.418	0.341	0.341	0.429	0.429	2,288.31	2,288.31	694	694	566	566	711	711	3,798,602	3,798,602
6	0.407	0.407	0.329	0.329	0.417	0.417	2,259.31	2,259.31	674	674	545	545	691	691	3,741,424	3,741,424
7	0.407	0.407	0.329	0.329	0.417	0.417	2,259.31	2,259.31	674	674	545	545	691	691	3,741,424	3,741,424
8	0.407	0.407	0.329	0.329	0.417	0.417	2,259.31	2,259.31	674	674	545	545	691	691	3,741,424	3,741,424
9	0.407	0.407	0.329	0.329	0.417	0.417	2,259.31	2,259.31	674	674	545	545	691	691	3,741,424	3,741,424
10	0.407	0.407	0.329	0.329	0.417	0.417	2,259.31	2,259.31	674	674	545	545	691	691	3,741,424	3,741,424
11	0.407	0.407	0.329	0.329	0.417	0.417	2,259.31	2,259.31	674	674	545	545	691	691	3,741,424	3,741,424
12	0.407	0.407	0.329	0.329	0.417	0.417	2,259.31	2,259.31	674	674	545	545	691	691	3,741,424	3,741,424
13	0.384	0.384	0.305	0.305	0.394	0.394	2,185.74	2,185.74	629	629	501	501	646	646	3,584,606	3,584,606
14	0.384	0.384	0.305	0.305	0.394	0.394	2,185.74	2,185.74	629	629	501	501	646	646	3,584,606	3,584,606
15	0.384	0.384	0.305	0.305	0.394	0.394	2,185.74	2,185.74	629	629	501	501	646	646	3,584,606	3,584,606
16	1.933	1.933	1.739	1.739	3.622	3.622	20,666.09	20,666.09	58	58	52	52	109	109	619,983	619,983
17	1.933	1.933	1.739	1.739	3.622	3.622	20,666.09	20,666.09	58	58	52	52	109	109	619,983	619,983
18	1.933	1.933	1.739	1.739	3.622	3.622	20,666.09	20,666.09	58	58	52	52	109	109	619,983	619,983
19	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
20	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
21	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
22	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
23	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
24	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
25	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0	0	0	0	0	0	0	0
Totals	0.000	0.000	0.000	0.000	0.000	0.000	94,964	94,964	0	0	0	0	0	0	57,815,073	57,815,073

Lost Revenue Dollars (Losses Included)									
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)		
	Electric	Gas	Total	Net Free/Drop-Out	Net Free/Drop-Out	Net Free/Drop-Out	Net Free/Drop-Out	Net Free/Drop-Out	Net Free/Drop-Out
1	\$107.88	\$0.00	\$107.88	\$285,990.53	\$0.00	\$285,990.53	\$199,716.00	\$0.00	\$199,716.00
2	\$178.14	\$0.00	\$178.14	\$295,705.67	\$0.00	\$295,705.67	\$209,845.39	\$0.00	\$209,845.39
3	\$185.26	\$0.00	\$185.26	\$307,533.89	\$0.00	\$307,533.89	\$221,673.62	\$0.00	\$221,673.62
4	\$192.67	\$0.00	\$192.67	\$319,835.25	\$0.00	\$319,835.25	\$233,974.98	\$0.00	\$233,974.98
5	\$194.80	\$0.00	\$194.80	\$323,033.60	\$0.00	\$323,033.60	\$237,173.33	\$0.00	\$237,173.33
6	\$194.07	\$0.00	\$194.07	\$321,373.92	\$0.00	\$321,373.92	\$236,806.06	\$0.00	\$236,806.06
7	\$196.01	\$0.00	\$196.01	\$324,587.66	\$0.00	\$324,587.66	\$240,019.80	\$0.00	\$240,019.80
8	\$197.97	\$0.00	\$197.97	\$327,833.54	\$0.00	\$327,833.54	\$243,265.67	\$0.00	\$243,265.67
9	\$199.95	\$0.00	\$199.95	\$331,111.87	\$0.00	\$331,111.87	\$246,544.01	\$0.00	\$246,544.01
10	\$201.95	\$0.00	\$201.95	\$334,422.99	\$0.00	\$334,422.99	\$249,855.13	\$0.00	\$249,855.13
11	\$203.97	\$0.00	\$203.97	\$337,767.22	\$0.00	\$337,767.22	\$253,199.36	\$0.00	\$253,199.36
12	\$206.01	\$0.00	\$206.01	\$341,144.89	\$0.00	\$341,144.89	\$256,577.03	\$0.00	\$256,577.03
13	\$201.87	\$0.00	\$201.87	\$331,066.88	\$0.00	\$331,066.88	\$250,043.60	\$0.00	\$250,043.60
14	\$203.89	\$0.00	\$203.89	\$334,377.55	\$0.00	\$334,377.55	\$253,354.27	\$0.00	\$253,354.27
15	\$205.93	\$0.00	\$205.93	\$337,721.32	\$0.00	\$337,721.32	\$256,698.04	\$0.00	\$256,698.04
16	\$2,423.70	\$0.00	\$2,423.70	\$72,711.06	\$0.00	\$72,711.06	\$58,697.52	\$0.00	\$58,697.52
17	\$2,447.34	\$0.00	\$2,447.34	\$73,438.17	\$0.00	\$73,438.17	\$59,424.63	\$0.00	\$59,424.63
18	\$2,472.42	\$0.00	\$2,472.42	\$74,172.55	\$0.00	\$74,172.55	\$60,159.01	\$0.00	\$60,159.01
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$10,214.20	\$0.00	\$10,214.20	\$5,073,828.55	\$0.00	\$5,073,828.55	\$3,767,027.43	\$0.00	\$3,767,027.43

15 Aggregation Results - 2017 - Sect=ALL - Tech=ALL.xlsx

Utility Program Costs (Losses Included)											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved						
	Administration	Implementation	Operation	Other	Total	\$/kW	\$/kWh (incl)	\$/kWh	\$/kWh (incl)	\$/CCF	\$/CCF (incl)
1	\$138,582.00	\$12,675.00	\$297,743.00	\$0.00	\$449,000.00	\$261.90	\$261.90	\$0.12	\$0.12	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$138,582.00	\$12,675.00	\$297,743.00	\$0.00	\$449,000.00	\$261.90	\$261.90	\$0.12	\$0.12	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario						
Year	Cumulative Electric				Cumulative Gas	
	Energy	Addrs/Capacity	T&D	Ancillary	Gas Distribution	Gas Commodity
1	\$150,299.08	\$0.00	\$85,349.41	\$0.00	\$235,648.50	\$0.00
2	\$158,648.18	\$0.00	\$56,313.52	\$0.00	\$214,961.69	\$0.00
3	\$186,542.42	\$0.00	\$56,965.01	\$0.00	\$243,507.43	\$0.00
4	\$199,039.29	\$0.00	\$56,588.25	\$0.00	\$245,627.54	\$0.00
5	\$195,427.03	\$0.00	\$56,375.02	\$0.00	\$251,802.05	\$0.00
6	\$202,313.45	\$0.00	\$54,251.97	\$0.00	\$256,565.42	\$0.00
7	\$210,000.90	\$0.00	\$53,606.38	\$0.00	\$263,607.18	\$0.00
8	\$215,112.46	\$0.00	\$52,987.85	\$0.00	\$268,400.31	\$0.00
9	\$220,765.26	\$0.00	\$52,388.79	\$0.00	\$273,154.05	\$0.00
10	\$222,678.75	\$0.00	\$51,788.29	\$0.00	\$274,465.04	\$0.00
11	\$228,226.30	\$0.00	\$51,195.71	\$0.00	\$279,422.00	\$0.00
12	\$231,025.82	\$0.00	\$50,609.46	\$0.00	\$281,635.28	\$0.00
13	\$228,508.65	\$0.00	\$47,101.98	\$0.00	\$275,610.63	\$0.00
14	\$235,363.91	\$0.00	\$46,565.54	\$0.00	\$281,929.46	\$0.00
15	\$242,424.83	\$0.00	\$46,660.14	\$0.00	\$289,084.97	\$0.00
16	\$44,861.47	\$0.00	\$8,886.75	\$0.00	\$53,748.22	\$0.00
17	\$46,001.32	\$0.00	\$8,905.82	\$0.00	\$54,907.14	\$0.00
18	\$47,381.36	\$0.00	\$8,925.47	\$0.00	\$56,306.82	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$3,254,720.38	\$0.00	\$845,463.35	\$0.00	\$4,100,183.73	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value						
Year	Cumulative Electric				Cumulative Gas	
	Energy	Addrs/Capacity	T&D	Ancillary	Gas Distribution	Gas Commodity
1	\$150,299.08	\$0.00	\$85,349.41	\$0.00	\$235,648.50	\$0.00
2	\$158,648.18	\$0.00	\$56,313.52	\$0.00	\$214,961.69	\$0.00
3	\$186,542.42	\$0.00	\$56,965.01	\$0.00	\$243,507.43	\$0.00
4	\$199,039.29	\$0.00	\$56,588.25	\$0.00	\$245,627.54	\$0.00
5	\$195,427.03	\$0.00	\$56,375.02	\$0.00	\$251,802.05	\$0.00
6	\$202,313.45	\$0.00	\$54,251.97	\$0.00	\$256,565.42	\$0.00
7	\$210,000.90	\$0.00	\$53,606.38	\$0.00	\$263,607.18	\$0.00
8	\$215,112.46	\$0.00	\$52,987.85	\$0.00	\$268,400.31	\$0.00
9	\$220,765.26	\$0.00	\$52,388.79	\$0.00	\$273,154.05	\$0.00
10	\$222,678.75	\$0.00	\$51,788.29	\$0.00	\$274,465.04	\$0.00
11	\$228,226.30	\$0.00	\$51,195.71	\$0.00	\$279,422.00	\$0.00
12	\$231,025.82	\$0.00	\$50,609.46	\$0.00	\$281,635.28	\$0.00
13	\$228,508.65	\$0.00	\$47,101.98	\$0.00	\$275,610.63	\$0.00
14	\$235,363.91	\$0.00	\$46,565.54	\$0.00	\$281,929.46	\$0.00
15	\$242,424.83	\$0.00	\$46,660.14	\$0.00	\$289,084.97	\$0.00
16	\$44,861.47	\$0.00	\$8,886.75	\$0.00	\$53,748.22	\$0.00
17	\$46,001.32	\$0.00	\$8,905.82	\$0.00	\$54,907.14	\$0.00
18	\$47,381.36	\$0.00	\$8,925.47	\$0.00	\$56,306.82	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1.00	\$44,251.46	\$15,488.01	\$13,054.73	\$2,328.08	\$75,122.28

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)						
Year	Cumulative Electric				Cumulative Gas	
	Energy	Capacity	T&D	Ancillary	Gas Distribution	Gas Commodity
1	\$108,165.96	\$39,169.77	\$85,349.41	\$0.00	\$232,685.15	\$0.00
2	\$114,181.14	\$28,284.53	\$56,313.52	\$0.00	\$199,079.19	\$0.00
3	\$194,256.98	\$29,996.78	\$56,965.01	\$0.00	\$221,218.77	\$0.00
4	\$136,054.01	\$31,060.92	\$56,588.25	\$0.00	\$223,703.18	\$0.00
5	\$140,651.35	\$31,244.88	\$56,375.02	\$0.00	\$228,271.25	\$0.00
6	\$145,600.35	\$85,051.15	\$54,251.97	\$0.00	\$284,903.47	\$0.00
7	\$151,132.76	\$85,051.15	\$53,606.38	\$0.00	\$289,790.28	\$0.00
8	\$155,027.40	\$85,051.15	\$52,987.85	\$0.00	\$293,066.40	\$0.00
9	\$158,879.69	\$85,051.15	\$52,388.79	\$0.00	\$296,319.63	\$0.00
10	\$160,256.79	\$85,051.15	\$51,788.29	\$0.00	\$297,094.23	\$0.00
11	\$164,249.22	\$85,051.15	\$51,195.71	\$0.00	\$300,496.08	\$0.00
12	\$166,263.98	\$85,051.15	\$50,609.46	\$0.00	\$301,924.59	\$0.00
13	\$164,428.70	\$78,070.40	\$47,101.98	\$0.00	\$289,601.07	\$0.00
14	\$169,361.56	\$78,070.40	\$46,565.54	\$0.00	\$293,997.50	\$0.00
15	\$174,442.41	\$78,070.40	\$46,660.14	\$0.00	\$299,172.94	\$0.00
16	\$32,100.71	\$8,136.10	\$8,886.75	\$0.00	\$49,123.66	\$0.00
17	\$33,063.73	\$8,136.10	\$8,905.82	\$0.00	\$50,105.66	\$0.00
18	\$34,055.65	\$8,136.10	\$8,925.47	\$0.00	\$51,117.22	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$2,342,172.37	\$1,014,034.44	\$845,463.35	\$0.00	\$4,201,670.16	\$0.00