2021 Net Present Cost Benefit Summary Anal	ysis For All Participan	ts		
	Participant Test (\$Total)	Utility Test (\$Total)	Rate Impact Test (\$Total)	Modified Total Resource Test (\$Total)
Benefits				
Avoided Revenue Requirements				
Generation Capacity	N/A	\$3,982,537	\$3,982,537	\$3,982,537
Trans. & Dist. Capacity	N/A	\$498,761	\$498,761	\$498,761
Marginal Energy	N/A	\$6,844,294	\$6,844,294	\$6,844,294
Avoided Emissions (CO2)	N/A	N/A	N/A	\$4,999,124
Subtotal				\$16,324,710
Non-Energy Benefits Adder (50.0%)				\$5,662,796
Subtotal	N/A	\$11,325,592	\$11,325,592	\$21,987,512
Participant Benefits				
Bill Reduction - Electric	\$37,350,015	N/A	N/A	N/A
Participant Rebates and Incentives	\$2,043,027	N/A	N/A	\$2,043,027
Incremental Capital Savings	\$404,393	N/A	N/A	\$404,393
Incremental O&M Savings	\$6,731	N/A	N/A	\$6,731
Subtotal	\$39,804,166	N/A	N/A	\$2,454,151
Total Benefits	\$39,804,166	\$11,325,592	\$11,325,592	\$24,441,663
Costs				
Utility Project Costs				
Program Planning & Design	N/A	\$0	\$0	\$0
Administration & Program Delivery	N/A	\$127,499	\$127,499	\$127,499
Advertising/Promotion/Customer Ed	N/A	\$190,000	\$190,000	\$190,000
Participant Rebates and Incentives	N/A	\$2,043,027	\$2,043,027	\$2,043,027
Equipment & Installation	N/A	\$0	\$0	\$(
Measurement and Verification	N/A	\$87,000	\$87,000	\$87,000
Subtotal	N/A	\$2,447,526	\$2,447,526	\$2,447,520
Utility Revenue Reduction				
Revenue Reduction - Electric	N/A	N/A	\$37,350,015	N/A
Subtotal	N/A	N/A	\$37,350,015	N/A
Participant Costs				
Incremental Capital Costs	\$1,841,880	N/A	N/A	\$1,841,880
Incremental O&M Costs	\$18,641	N/A	N/A	\$18,641
Subtotal	\$1,860,521	N/A	N/A	\$1,860,521
Total Costs	\$1,860,521	\$2,447,526	\$39,797,540	\$4,308,047
Net Benefit (Cost)	\$37,943,645	\$8,878,066	(\$28,471,949)	\$20,133,616
Benefit/Cost Ratio	21.39	4.63	0.28	5.67

2021 ELECTRIC		GOAL
Input Summary and Totals		
Program "Inputs" per Customer kW and per Participant		
Lifetime (Weighted on Generator kWh)	A	19.8 years
T & D Loss Factor (Energy)	В	6.38%
T & D Loss Factor (Demand)	C	9.13%
Net-to-Gross (Energy)	D	100.00%
Net-to-Gross (Demand)	E	100.00%
Installation Rate (Energy)	F	99.07%
Installation Rate (Demand)	G	99.11%
Net coincident kW Saved at Generator	Н	0.01 kW
Gross Annual kWh Saved at Customer	I	45.13 kWł
Net Annual kWh Saved at Generator	J	47.76 kWł
Program Summary All Participants  Total Budget	K	\$2,447,526
Net coincident kW Saved at Generator	L	3,222 kW
Gross Annual kWh Saved at Customer	M	22,090,731 kWl
Net Annual kWh Saved at Generator	N	23,376,049 kWl
Total MTRC Net Benefits with Adder	O	\$20,133,616
Total MTRC Net Benefits without Adder	P	\$14,470,820
Utility Program Cost per kWh Lifetime	K/(A x N)	\$0.0053
Utility Program Cost per kW at Gen	K/L	\$760
Avoided Lifetime CO2 Emissions, Total Program (tons C	02)	133,780

2022 Net Present Cost Benefit Summary Anal	lysis For All Participan	ts		
,	Participant Test (\$Total)	Utility Test (\$Total)	Rate Impact Test (\$Total)	Modified Total Resource Test (\$Total)
Benefits				
Avoided Revenue Requirements				
Generation Capacity	N/A	\$4,061,663	\$4,061,663	\$4,061,663
Trans. & Dist. Capacity	N/A	\$508,672	\$508,672	\$508,672
Marginal Energy	N/A	\$7,125,535	\$7,125,535	\$7,125,535
Avoided Emissions (CO2)	N/A	N/A	N/A	\$4,901,368
Subtotal				\$16,597,238
Non-Energy Benefits Adder (50.0%)				\$5,847,935
Subtotal	N/A	\$11,695,870	\$11,695,870	\$22,445,173
Participant Benefits				
Bill Reduction - Electric	\$38,410,811	N/A	N/A	N/A
Participant Rebates and Incentives	\$2,043,027	N/A	N/A	\$2,043,027
Incremental Capital Savings	\$404,393	N/A	N/A	\$404,393
Incremental O&M Savings	\$6,731	N/A	N/A	\$6,731
Subtotal	\$40,864,962	N/A	N/A	\$2,454,151
Total Benefits	\$40,864,962	\$11,695,870	\$11,695,870	\$24,899,324
Costs				
Utility Project Costs				
Program Planning & Design	N/A	\$0	\$0	\$0
Administration & Program Delivery	N/A	\$128,456	\$128,456	\$128,456
Advertising/Promotion/Customer Ed	N/A	\$190,000	\$190,000	\$190,000
Participant Rebates and Incentives	N/A	\$2,043,027	\$2,043,027	\$2,043,027
Equipment & Installation	N/A	\$0	\$0	\$0
Measurement and Verification	N/A	\$87,000	\$87,000	\$87,000
Subtotal	N/A	\$2,448,483	\$2,448,483	\$2,448,483
Utility Revenue Reduction				
Revenue Reduction - Electric	N/A	N/A	\$38,410,811	N/A
Subtotal	N/A	N/A	\$38,410,811	N/A
Participant Costs				
Incremental Capital Costs	\$1,841,880	N/A	N/A	\$1,841,880
Incremental O&M Costs	\$18,641	N/A	N/A	\$18,641
Subtotal	\$1,860,521	N/A	N/A	\$1,860,521
Total Costs	\$1,860,521	\$2,448,483	\$40,859,294	\$4,309,004
Net Benefit (Cost)	\$39,004,441	\$9,247,387	(\$29,163,424)	\$20,590,320
Benefit/Cost Ratio	21.96	4.78	0.29	5.78

2022 ELECTRIC		GOAL
Input Summary and Totals		
Program "Inputs" per Customer kW and per Participant		
Lifetime (Weighted on Generator kWh)	A	19.8 years
T & D Loss Factor (Energy)	В	6.38%
T & D Loss Factor (Demand)	C	9.13%
Net-to-Gross (Energy)	D	100.00%
Net-to-Gross (Demand)	E	100.00%
Installation Rate (Energy)	F	99.07%
Installation Rate (Demand)	G	99.11%
Net coincident kW Saved at Generator	Н	0.01 kW
Gross Annual kWh Saved at Customer	I	45.12 kWh
Net Annual kWh Saved at Generator	Ţ	47.74 kWh
Program Summary All Participants Total Budget	K	\$2,448,483
Net coincident kW Saved at Generator	L	3,221 kW
Gross Annual kWh Saved at Customer	M	22,083,521 kWh
Net Annual kWh Saved at Generator	N	23,368,347 kWh
Total MTRC Net Benefits with Adder	O	\$20,590,320
Total MTRC Net Benefits without Adder	P	\$14,742,385
Utility Program Cost per kWh Lifetime	K/(A x N)	\$0.0053
Utility Program Cost per kW at Gen	K/L	\$760
Avoided Lifetime CO2 Emissions, Total Program (tons C		126,315

2021 Net Present Cost Benefit Summary Analysi	s For All Participants			
			Rate	Modified
	Participant	Utility	Impact	Total Resource
	Test	Test	Test	Test
	(\$Total)	(\$Total)	(\$Total)	(\$Total)
Benefits				
Avoided Revenue Requirements				
Commodity Cost Reduction	N/A	\$1,766,639	\$1,766,639	\$1,766,639
Variable O&M Savings	N/A	\$29,441	\$29,441	\$29,441
Demand Savings	N/A	\$206,215	\$206,215	\$206,215
Subtotal				\$2,002,294
Non-Energy Benefits Adder (50.0%)				\$1,001,147
Subtotal	N/A	\$2,002,294	\$2,002,294	\$3,003,441
Participant Benefits				
Bill Reduction - Gas	\$3,148,933	N/A	N/A	N/A
Participant Rebates and Incentives	\$4,103,572	N/A	N/A	\$4,103,572
Incremental Capital Savings	\$0	N/A	N/A	\$(
Incremental O&M Savings	\$210,052	N/A	N/A	\$210,052
Subtotal	\$7,462,557	N/A	N/A	\$4,313,624
Total Benefits	\$7,462,557	\$2,002,294	\$2,002,294	\$7,317,066
Costs				
Utility Project Costs				
Program Planning & Design	N/A	\$0	\$0	\$0
Administration & Program Delivery	N/A	\$180,204	\$180,204	\$180,204
Advertising/Promotion/Customer Ed	N/A	\$60,000	\$60,000	\$60,000
Participant Rebates and Incentives	N/A	\$4,103,572	\$4,103,572	\$4,103,572
Equipment & Installation	N/A	\$0	\$0	\$(
Measurement and Verification	N/A	\$115,600	\$115,600	\$115,600
Subtotal	N/A	\$4,459,376	\$4,459,376	\$4,459,370
Utility Revenue Reduction				
Revenue Reduction - Gas	N/A	N/A	\$3,148,933	N/A
Subtotal	N/A	N/A	\$3,148,933	N/
Participant Costs				
Incremental Capital Costs	\$3,819,388	N/A	N/A	\$3,819,388
Incremental O&M Costs	\$0	N/A	N/A	\$0
Subtotal	\$3,819,388	N/A	N/A	\$3,819,388
	** ** ***	¢4.4E0.276	\$7,608,309	©0 270 76A
Total Costs	\$3,819,388	\$4,459,376	97,000,509	\$8,278,764
Total Costs  Net Benefit (Cost)	\$3,819,388	(\$2,457,082)	(\$5,606,014)	(\$961,698

2021 GAS		GOAL
Input Summary and Totals		
Program "Inputs" per Dth		
Lifetime (Weighted on Dth)	A	15.2 years
Net-to-Gross (Weighted on Dth)	В	100.00%
Install Rate (Weighted on Dth)	С	100.00%
Program Summary per Participant		
Gross Annual Dth Saved	D	8.0
Net Annual Dth Saved	Е	8.0
Program Summary All Participants		
Total Budget	F	\$4,459,376
Gross Annual Dth Saved	G	59,798 Dth
Net Annual Dth Saved	Н	59,798 Dth
Total MTRC Net Benefits with Adder	I	(\$961,698)
Total MTRC Net Benefits without Adder	J	(\$1,962,845)
Utility Program Cost per Dth Lifetime	F /(A x H)	\$4.8953

2022 Net Present Cost Benefit Summary Analysis	s For All Participants			
			Rate	Modified
	Participant	Utility	Impact	Total Resource
	Test (\$Total)	Test	Test (\$Total)	Test (\$Total)
		(\$Total)		
Benefits				
Avoided Revenue Requirements				
Commodity Cost Reduction	N/A	\$1,842,850	\$1,842,850	\$1,842,850
Variable O&M Savings	N/A	\$29,462	\$29,462	\$29,462
Demand Savings	N/A	\$206,365	\$206,365	\$206,365
Subtotal				\$2,078,678
Non-Energy Benefits Adder (50.0%)				\$1,039,339
Subtotal	N/A	\$2,078,678	\$2,078,678	\$3,118,016
Participant Benefits				
Bill Reduction - Gas	\$3,284,775	N/A	N/A	N/A
Participant Rebates and Incentives	\$4,105,072	N/A	N/A	\$4,105,072
Incremental Capital Savings	\$0	N/A	N/A	\$0
Incremental O&M Savings	\$210,052	N/A	N/A	\$210,052
Subtotal	\$7,599,900	N/A	N/A	\$4,315,124
Total Benefits	\$7,599,900	\$2,078,678	\$2,078,678	\$7,433,141
Costs				
Utility Project Costs				
Program Planning & Design	N/A	\$0	\$0	\$0
Administration & Program Delivery	N/A	\$180,924	\$180,924	\$180,924
Advertising/Promotion/Customer Ed	N/A	\$60,000	\$60,000	\$60,000
Participant Rebates and Incentives	N/A	\$4,105,072	\$4,105,072	\$4,105,072
Equipment & Installation	N/A	\$0	\$0	\$0
Measurement and Verification	N/A	\$115,600	\$115,600	\$115,600
Subtotal	N/A	\$4,461,596	\$4,461,596	\$4,461,596
Utility Revenue Reduction				
Revenue Reduction - Gas	N/A	N/A	\$3,284,775	N/A
Subtotal	N/A	N/A	\$3,284,775	N/A
Participant Costs				
Incremental Capital Costs	\$3,824,889	N/A	N/A	\$3,824,889
Incremental O&M Costs	\$0	N/A	N/A	\$0
Subtotal	\$3,824,889	N/A	N/A	\$3,824,889
Total Costs	\$3,824,889	\$4,461,596	\$7,746,371	\$8,286,485
Net Benefit (Cost)	\$3,775,011	(\$2,382,918)	(\$5,667,694)	(\$853,344)
Benefit/Cost Ratio	1.99	0.47	0.27	0.90

2022 GAS		GOAL
Input Summary and Totals		
Program "Inputs" per Dth		
Lifetime (Weighted on Dth)	A	15.2 years
Net-to-Gross (Weighted on Dth)	В	100.00%
Install Rate (Weighted on Dth)	С	100.00%
Program Summary per Participant		
Gross Annual Dth Saved	D	8.0
Net Annual Dth Saved	E	8.0
Program Summary All Participants		
Total Budget	F	\$4,461,596
Gross Annual Dth Saved	G	59,834 Dth
Net Annual Dth Saved	H	59,834 Dth
Total MTRC Net Benefits with Adder	I	(\$853,344)
Total MTRC Net Benefits without Adder	J	(\$1,892,683)
Utility Program Cost per Dth Lifetime	F /(A x H)	\$4.8938