•	Cost Benefit Summary Analysis For All Participants					
	Participant Test (\$Total)	Utility Test (\$Total)	Rate Impact Test (\$Total)	Modified Total Resource Test (\$Total)		
Benefits	(\$10tai)	(\$10tai)	(\$10tai)	(\$10tai)		
Avoided Revenue Requirements						
Generation Capacity	N/A	\$11,834,058	\$11,834,058	\$11,834,058		
Trans. & Dist. Capacity	N/A	\$1,482,068	\$1,482,068	\$1,482,068		
Marginal Energy	N/A	\$3,649,938	\$3,649,938	\$3,649,938		
Avoided Emissions (CO2)	N/A	N/A	N/A	\$2,605,696		
Subtotal				\$19,571,760		
Non-Energy Benefits Adder (20.0%)				\$3,393,213		
Subtotal	N/A	\$16,966,064	\$16,966,064	\$22,964,973		
Participant Benefits						
Bill Reduction - Electric	\$20,170,017	N/A	N/A	N/A		
Participant Rebates and Incentives	\$6,281,909	N/A	N/A	\$6,281,909		
Incremental Capital Savings	\$12,048,784	N/A	N/A	\$8,434,149		
Incremental O&M Savings	\$0	N/A	N/A	\$0		
Subtotal	\$38,500,710	N/A	N/A	\$14,716,058		
Total Benefits	\$38,500,710	\$16,966,064	\$16,966,064	\$37,681,030		
Costs	11-17-1-17-1	, -,,	,,	,,,		
Utility Project Costs	27/4					
Program Planning & Design	N/A	\$0	\$0	\$0		
Administration & Program Delivery	N/A	\$1,544,002	\$1,544,002	\$1,544,002		
Advertising/Promotion/Customer Ed	N/A	\$1,244,610	\$1,244,610	\$1,244,610		
Participant Rebates and Incentives	N/A	\$6,281,909	\$6,281,909	\$6,281,909		
Equipment & Installation	N/A	\$0	\$0	\$0		
Measurement and Verification	N/A	\$52,000	\$52,000	\$52,000		
Subtotal	N/A	\$9,122,521	\$9,122,521	\$9,122,521		
Utility Revenue Reduction						
Revenue Reduction - Electric	N/A	N/A	\$20,022,234	N/A		
Subtotal	N/A	N/A	\$20,022,234	N/A		
Participant Costs						
Incremental Capital Costs	\$10,251,740	N/A	N/A	\$8,984,091		
Incremental O&M Costs	\$10,251,740 \$879,809	N/A N/A	N/A N/A	\$6,984,091 \$651,637		
Subtotal	\$11,131,549	N/A N/A	N/A N/A	\$9,635,728		
Total Costs	\$11,131,549	\$9,122,521	\$29,144,754	\$18,758,248		
Net Benefit (Cost)	\$27,369,160	\$7,843,543	(\$12,178,690)	\$18,922,782		
Benefit/Cost Ratio	3.46	1.86	0,58	2.01		

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

		GO
put Summary and Totals		
ogram "Inputs" per Customer kW and per Participant		
Lifetime (Weighted on Generator kWh)	A	15.7 y
T & D Loss Factor (Energy)	В	6
T & D Loss Factor (Demand)	C	9
Net-to-Gross (Energy)	D	87
Net-to-Gross (Demand)	E	77
Installation Rate (Energy)	F	100
Installation Rate (Demand)	G	100
Net coincident kW Saved at Generator	Н	0.3
Gross Annual kWh Saved at Customer	I	506.33
Net Annual kWh Saved at Generator	Ī	473.14
ogram Summary All Participants Total Budget	K	\$9,122
ogram Summary All Participants Total Budget Net coincident kW Saved at Generator	K L	
Total Budget		11,55
Total Budget Net coincident kW Saved at Generator	L	11,55 14,989,494
Total Budget Net coincident kW Saved at Generator Gross Annual kWh Saved at Customer	L M	11,55 14,989,494 14,006,733
Total Budget Net coincident kW Saved at Generator Gross Annual kWh Saved at Customer Net Annual kWh Saved at Generator	L M N	11,55 14,989,494 14,006,733 \$18,922
Total Budget Net coincident kW Saved at Generator Gross Annual kWh Saved at Customer Net Annual kWh Saved at Generator Total MTRC Net Benefits with Adder	L M N O	11,55 14,989,494 14,006,733 \$18,922
Total Budget Net coincident kW Saved at Generator Gross Annual kWh Saved at Customer Net Annual kWh Saved at Generator Total MTRC Net Benefits with Adder	L M N O	11,55 14,989,494 14,006,733 \$18,922 \$15,529
Total Budget Net coincident kW Saved at Generator Gross Annual kWh Saved at Customer Net Annual kWh Saved at Generator Total MTRC Net Benefits with Adder Total MTRC Net Benefits without Adder	L M N O P	\$9,122 11,555 14,989,494 14,006,733 \$18,922 \$15,529
Total Budget Net coincident kW Saved at Generator Gross Annual kWh Saved at Customer Net Annual kWh Saved at Generator Total MTRC Net Benefits with Adder Total MTRC Net Benefits without Adder Utility Program Cost per kWh Lifetime	L M N O P	11,55 14,989,494 14,006,733 \$18,922 \$15,524

2022 Net Present Cost Benefit Summary Analysi	s For All Participants			
2022 Tee Tresent Good Zenem Gunning Timings	o I of the I deceptate		Rate	Modified
	Participant	Utility	Impact	Total Resource
	Test (\$Total)	Test (\$Total)	Test (\$Total)	Test (\$Total)
Benefits				
Avoided Revenue Requirements				
Commodity Cost Reduction	N/A	\$5,297,152	\$5,297,152	\$5,297,152
Variable O&M Savings	N/A	\$85,408	\$85,408	\$85,408
Demand Savings	N/A	\$598,231	\$598,231	\$598,231
Subtotal				\$5,980,792
Non-Energy Benefits Adder (20.0%)				\$1,196,158
Subtotal	N/A	\$5,980,792	\$5,980,792	\$7,176,950
Participant Benefits				
Bill Reduction - Gas	\$9,595,354	N/A	N/A	N/A
Participant Rebates and Incentives	\$1,894,343	N/A	N/A	\$1,894,343
Incremental Capital Savings	\$0	N/A	N/A	\$0
Incremental O&M Savings	\$0	N/A	N/A	\$0
Subtotal	\$11,489,696	N/A	N/A	\$1,894,343
Total Benefits	\$11,489,696	\$5,980,792	\$5,980,792	\$9,071,293
Costs				
Utility Project Costs				
Program Planning & Design	N/A	\$0	\$0	\$0
Administration & Program Delivery	N/A	\$706,741	\$706,741	\$706,741
Advertising/Promotion/Customer Ed	N/A	\$297,040	\$297,040	\$297,040
Participant Rebates and Incentives	N/A	\$1,894,343	\$1,894,343	\$1,894,343
Equipment & Installation	N/A	\$0	\$0	\$0
Measurement and Verification	N/A	\$20,000	\$20,000	\$20,000
Subtotal	N/A	\$2,918,124	\$2,918,124	\$2,918,124
Utility Revenue Reduction				
Revenue Reduction - Gas	N/A	N/A	\$9,441,871	N/A
Subtotal	N/A	N/A	\$9,441,871	N/A
Participant Costs				
Incremental Capital Costs	\$6,922,687	N/A	N/A	\$6,249,833
Incremental O&M Costs	\$0	N/A	N/A	\$0
Subtotal	\$6,922,687	N/A	N/A	\$6,249,833
Total Costs	\$6,922,687	\$2,918,124	\$12,359,995	\$9,167,956
Net Benefit (Cost)	\$4,567,009	\$3,062,668	(\$6,379,203)	(\$96,664)
Benefit/Cost Ratio	1.66	2.05	0.48	` ′

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

2022 GAS		GOAL
Input Summary and Totals		
Program "Inputs" per Dth		
Lifetime (Weighted on Dth)	A	15.3 years
Net-to-Gross (Weighted on Dth)	В	92.30%
Install Rate (Weighted on Dth)	С	100.00%
Program Summary per Participant		
Gross Annual Dth Saved	D	10.9
Net Annual Dth Saved	Е	10.1
Program Summary All Participants		
Total Budget	F	\$2,918,124
Gross Annual Dth Saved	G	187,507 Dth
Net Annual Dth Saved	H	173,070 Dth
Total MTRC Net Benefits with Adder	I	(\$96,664)
Total MTRC Net Benefits without Adder	J	(\$1,292,822)
Utility Program Cost per Dth Lifetime	F /(A x H)	\$1.1039