		ts	Rate	Modified Total
	Participant	Utility	Impact	Resource
	Test (\$Total)	Test (\$Total)	Test (\$Total)	Test (\$Total)
Benefits				
Avoided Revenue Requirements				
Generation Capacity	N/A	\$4,074,174	\$4,074,174	\$4,074,174
Trans. & Dist. Capacity	N/A	\$510,239	\$510,239	\$510,239
Marginal Energy	N/A	\$7,140,905	\$7,140,905	\$7,140,905
Avoided Emissions (CO2)	N/A	N/A	N/A	\$4,913,510
Subtotal				\$16,638,828
Non-Energy Benefits Adder (50.0%)				\$5,862,659
Subtotal	N/A	\$11,725,318	\$11,725,318	\$22,501,487
Participant Benefits				
Bill Reduction - Electric	\$38,488,881	N/A	N/A	N/A
Participant Rebates and Incentives	\$2,206,587	N/A	N/A	\$2,206,587
Incremental Capital Savings	\$404,393	N/A	N/A	\$404,393
Incremental O&M Savings	\$6,731	N/A	N/A	\$6,731
Subtotal	\$41,106,592	N/A	N/A	\$2,617,711
Total Benefits	\$41,106,592	\$11,725,318	\$11,725,318	\$25,119,197
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	\$2,206,587	\$2,206,587	\$2,206,587
Equipment & Installation	N/A	\$0	\$0	\$0
Measurement and Verification	N/A	\$150,000	\$150,000	\$150,000
Subtotal	N/A	\$2,675,043	\$2,675,043	\$2,675,043
Utility Revenue Reduction				
Revenue Reduction - Electric	N/A	N/A	\$38,488,881	N/A
Subtotal	N/A	N/A	\$38,488,881	N/A
Participant Costs				
Incremental Capital Costs	\$1,926,041	N/A	N/A	\$1,926,041
Incremental O&M Costs	\$18,641	N/A	N/A	\$18,641
Subtotal	\$1,944,682	N/A	N/A	\$1,944,682
Total Costs	\$1,944,682	\$2,675,043	\$41,163,924	\$4,619,725
Net Benefit (Cost)	\$39,161,910	\$9,050,275	(\$29,438,606)	\$20,499,473
Benefit/Cost Ratio	21.14	4.38	0.28	5.44

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

22 ELECTRIC		GOAI
put Summary and Totals		
ogram "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	9.139
Net-to-Gross (Energy)	D	100.000
Net-to-Gross (Demand)	E	100.009
Installation Rate (Energy)	F	99.07%
Installation Rate (Demand)	G	99.11%
Net coincident kW Saved at Generator	Н	0.01 kV
Gross Annual kWh Saved at Customer	I	45.25 kW
Net Annual kWh Saved at Generator	I	47.88 kW
	,	
ogram Summary All Participants	K	
	K L	\$2,675,043
ogram Summary All Participants Total Budget Net coincident kW Saved at Generator		\$2,675,043 3,233 kV 22,147,237 kW
ogram Summary All Participants Total Budget	L	\$2,675,043 3,233 kV
ogram Summary All Participants Total Budget Net coincident kW Saved at Generator Gross Annual kWh Saved at Customer	L M	\$2,675,043 3,233 kV 22,147,237 kW 23,436,406 kW
ogram Summary All Participants Total Budget Net coincident kW Saved at Generator Gross Annual kWh Saved at Customer Net Annual kWh Saved at Generator	L M N	\$2,675,043 3,233 kV 22,147,237 kW
ogram Summary All Participants 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	\$2,675,042 3,233 kV 22,147,237 kW 23,436,406 kW \$20,499,473 \$14,636,814
ogram Summary All Participants 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	\$2,675,04: 3,233 kV 22,147,237 kW 23,436,406 kW \$20,499,47: \$14,636,81-
ogram Summary All Participants 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	\$2,675,042 3,233 kV 22,147,237 kW 23,436,406 kW \$20,499,473

SINGLE-FAMILY WEATHERIZATION					
2022 Net Present Cost Benefit Summary Analysi	s For All Participants				
	Participant Test (\$Total)	Utility Test (\$Total)	Rate Impact Test (\$Total)	Modified Total Resource Test (\$Total)	
Benefits					
Avoided Revenue Requirements					
Commodity Cost Reduction Variable O&M Savings	N/A N/A	\$1,865,587 \$29,823	\$1,865,587 \$29,823	\$1,865,587 \$29,823	
Demand Savings	N/A	\$208,891	\$208,891	\$208,891	
Subtotal Non-Energy Benefits Adder (50.0%)				\$2,104,301 \$1,052,150	
Subtotal	N/A	\$2,104,301	\$2,104,301	\$3,156,451	
Participant Benefits					
Bill Reduction - Gas	\$3,325,301	N/A	N/A	N/A	
Participant Rebates and Incentives	\$4,239,512	N/A	N/A	\$4,239,512	
Incremental Capital Savings	\$0	N/A	N/A	\$0	
Incremental O&M Savings	\$210,052	N/A	N/A	\$210,052	
Subtotal	\$7,774,866	N/A	N/A	\$4,449,565	
Total Benefits	\$7,774,866	\$2,104,301	\$2,104,301	\$7,606,016	
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	\$4,239,512	\$4,239,512	\$4,239,512	
Equipment & Installation	N/A	\$0	\$0	\$0	
Measurement and Verification Subtotal	N/A N/A	\$115,600 \$4,596,036	\$115,600 \$4,596,036	\$115,600 \$4,596,036	
Subtotai	11/11	\$4,570,050	94,370,030	24,370,030	
Utility Revenue Reduction					
Revenue Reduction - Gas	N/A	N/A	\$3,325,301	N/A	
Subtotal	N/A	N/A	\$3,325,301	N/A	
Participant Costs	82 0/0 074	NI / A	NT / A	62 0/0 074	
Incremental Capital Costs	\$3,868,874	N/A	N/A	\$3,868,874	
Incremental O&M Costs Subtotal	\$0 \$3,868,874	N/A N/A	N/A N/A	\$3,868,874	
Total Costs	\$3,868,874	\$4,596,036	\$7,921,337	\$8,464,910	
Net Benefit (Cost)	\$3,905,992	(\$2,491,735)	(\$5,817,037)	(\$858,894)	
Benefit/Cost Ratio	2.01	0.46	0.27	0.90	

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	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	\$4,596,036
Gross Annual Dth Saved	G	60,514 Dth
Net Annual Dth Saved	Н	60,514 Dth
Total MTRC Net Benefits with Adder	I	(\$858,894)
Total MTRC Net Benefits without Adder	J	(\$1,911,045)
Utility Program Cost per Dth Lifetime	F /(A x H)	\$4.9801