2023 Net Present Cost Benefit Summary Anal	ysis For All Participant	ts		
	Participant Test (\$Total)	Utility Test (\$Total)	Rate Impact Test (\$Total)	Modified Total Resource Test (\$Total)
Benefits		· · ·		
Avoided Revenue Requirements				
Generation Capacity	N/A	\$10,942,368	\$10,942,368	\$10,942,368
Trans. & Dist. Capacity	N/A	\$1,337,303	\$1,337,303	\$1,337,303
Marginal Energy	N/A	\$5,011,191	\$5,011,191	\$5,011,191
Avoided Emissions (CO2)	N/A	N/A	N/A	\$8,455,496
Subtotal				\$25,746,358
Non-Energy Benefits Adder (20.0%)				\$3,458,172
Subtotal	N/A	\$17,290,862	\$17,290,862	\$29,204,531
Participant Benefits				
Bill Reduction - Electric	\$23,640,895	N/A	N/A	N//
Participant Rebates and Incentives	\$3,411,053	N/A	N/A	\$3,411,053
Incremental Capital Savings	\$0	N/A	N/A	\$0
Incremental O&M Savings	\$31,263	N/A	N/A	\$27,199
Subtotal	\$27,083,211	N/A	N/A	\$3,438,251
Total Benefits	\$27,083,211	\$17,290,862	\$17,290,862	\$32,642,782
Costs				
Utility Project Costs				
Program Planning & Design	N/A	\$0	\$0	SC
Administration & Program Delivery	N/A	\$3,428,101	\$3,428,101	\$3,428,101
Advertising/Promotion/Customer Ed	N/A	\$0	\$0	\$0
Participant Rebates and Incentives	N/A	\$3,411,053	\$3,411,053	\$3,411,053
Equipment & Installation	N/A	\$0	\$0	\$0,111,000
Measurement and Verification	N/A	\$45,929	\$45,929	\$45,929
Subtotal	N/A	\$6,885,083	\$6,885,083	\$6,885,083
Utility Revenue Reduction				
Revenue Reduction - Electric	N/A	N/A	\$23,640,895	N//
Subtotal	N/A	N/A	\$23,640,895	N//
Participant Costs				
Incremental Capital Costs	\$9,239,189	N/A	N/A	\$7,581,303
Incremental O&M Costs	\$221,099	N/A	N/A	\$168,016
Subtotal	\$9,460,288	N/A	N/A	\$7,749,319
Total Costs	\$9,460,288	\$6,885,083	\$30,525,978	\$14,634,402
Net Benefit (Cost)	\$17,622,923	\$10,405,780	(\$13,235,115)	\$18,008,380
Benefit/Cost Ratio	2.86	2.51	0.57	2.23

2023 ELECTRIC		GOAL
Input Summary and Totals		
Program "Inputs" per Customer kW and per Participant		
Lifetime (Weighted on Generator kWh)	А	16.9 years
T & D Loss Factor (Energy)	В	5.33%
T & D Loss Factor (Demand)	С	7.71%
Net-to-Gross (Energy)	D	81.76%
Net-to-Gross (Demand)	Е	79.09%
Installation Rate (Energy)	F	100.00%
Installation Rate (Demand)	G	100.00%
Net coincident kW Saved at Generator	Н	2.49 kW
Gross Annual kWh Saved at Customer	I	7,809.89 kWh
Net Annual kWh Saved at Generator	J	6,744.68 kWh
Program Summary All Participants		
Total Budget	К	\$6,885,083
Net coincident kW Saved at Generator	L	8,656 kW
Gross Annual kWh Saved at Customer	М	27,201,836 kWh
Net Annual kWh Saved at Generator	N	23,491,703 kWh
Total MTRC Net Benefits with Adder	0	\$18,008,380
Total MTRC Net Benefits without Adder	р	\$14,550,208
Utility Program Cost per kWh Lifetime	K/(A x N)	\$0.0173
Utility Program Cost per kW at Gen	K/ L	\$795

Avoided Lifetime CO2 Emissions, Total Program (tons CO2)

143,606

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

BUSINESS HVAC+R SYSTEMS

Subtotal

Total Costs

Net Benefit (Cost)

Benefit/Cost Ratio

2023 Net Present Cost Benefit St	Immary Analysis For A	All Participants
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2023	G

2023 Net Present Cost Benefit Summary Analys	is For All Participants				Input Summar
			Rate	Modified	Program "Inpu
	Participant	Utility	Impact	Total Resource	Lifetime (Weight
	Test	Test Test	Test	Test	Net-to-Gross (W
	(\$Total)	(\$Total)	(\$Total)	(\$Total)	Install Rate (Wei
Benefits					D G
Avoided Revenue Requirements					Program Sumn Gross Annua
Commodity Cost Reduction	N/A	\$2,211,284	\$2,211,284	\$2,211,284	Net Annual I
Variable O&M Savings	N/A	\$28,530	\$28,530	\$28,530	
Demand Savings	N/A	\$431,218	\$431,218	\$431,218	
Avoided Emissions (CO2)	N/A	\$451,218 N/A	3451,218 N/A	\$3,272,163	
Avoided Emissions (CO2) Avoided Emissions (CH4)	N/A	N/A N/A	N/A N/A	\$47,261	
Subtotal	IN/ A	IN/ A	$1N/\Lambda$		Program Summ
				\$5,990,456	
Non-Energy Benefits Adder (8.9%)	N/A	\$2,671,032	\$2,671,032	\$534,206	Total Budge
Subtotal	N/A	\$2,0/1,032	\$2,0/1,032	\$6,524,663	Gross Annua
					Net Annual
Participant Benefits	62 440 075	27/1	NT / A	21/4	Total MTR
Bill Reduction - Gas	\$3,118,275	N/A	N/A	N/A	Total MTRO
Participant Rebates and Incentives	\$481,500	N/A	N/A	\$481,500	
Incremental Capital Savings	\$0	N/A	N/A	\$0	Utility Progr
Incremental O&M Savings	\$172,390	N/A	N/A	\$170,841	
Subtotal	\$3,772,164	N/A	N/A	\$652,341	Avoided Life Avoided Life
Total Benefits	\$3,772,164	\$2,671,032	\$2,671,032	\$7,177,004	Avolucu Lin
Costs					
Utility Project Costs					
Program Planning & Design	N/A	\$0	\$ 0	\$ 0	
Administration & Program Delivery	N/A	\$458,414	\$458,414	\$458,414	
Advertising/Promotion/Customer Ed	N/A	\$2,494	\$2,494	\$2,494	
Participant Rebates and Incentives	N/A	\$481,500	\$481,500	\$481,500	
Equipment & Installation	N/A	\$0	\$0	\$0	
Measurement and Verification	N/A	\$20,000	\$20,000	\$20,000	
Subtotal	N/A	\$962,408	\$962,408	\$962,408	
Utility Revenue Reduction					
Revenue Reduction - Gas	N/A	N/A	\$3,118,275	N/A	
Subtotal	N/A	N/A	\$3,118,275	N/A	
Participant Costs					
Incremental Capital Costs	\$2,100,773	N/A	N/A	\$2,021,001	
Incremental O&M Costs	\$0	N/A	N/A	\$0	
	\$0	1.1/11	11/11	40	

N/A

\$962,408

\$1,708,625

2.78

\$2,021,001

\$2,983,409 \$4,193,595

2.41

N/A

\$4,080,683

(\$1,409,651)

0.65

2023 GAS		GOAL
Input Summary and Totals		
Program "Inputs" per Dth		
Lifetime (Weighted on Dth)	А	12.9 years
Net-to-Gross (Weighted on Dth)	В	93.16%
Install Rate (Weighted on Dth)	С	100.00%

mary per Participant

Gross Annual Dth Saved	D	121.3
Net Annual Dth Saved	E	113.0

Total Budget	F	\$962,408
Gross Annual Dth Saved	G	72,446 Dtl
Net Annual Dth Saved	Н	67,490 Dth
Total MTRC Net Benefits with Adder	Ι	\$4,193,595
Total MTRC Net Benefits without Adder	J	\$3,659,388
Utility Program Cost per Dth Lifetime	F /(A x H)	\$1.1050
Avoided Lifetime CO2 Emissions, Total Program (t	ons CO2)	50,951
Avoided Lifetime CH4 Emissions, Total Program (tons CH4)		26.5

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

\$2,100,773

\$2,100,773

\$1,671,392

1.80