2021 Net Present Cost Benefit Summary Analysis For All Participants				
	Participant Test (\$Total)	Utility Test (\$Total)	Rate Impact Test (\$Total)	Modified Total Resource Test (\$Total)
Benefits				
Avoided Revenue Requirements				
Generation Capacity	N/A	\$11,426,245	\$11,426,245	\$11,426,245
Trans. & Dist. Capacity	N/A	\$1,430,986	\$1,430,986	\$1,430,986
Marginal Energy	N/A	\$3,548,792	\$3,548,792	\$3,548,792
Avoided Emissions (CO2)	N/A	N/A	N/A	\$2,693,593
Subtotal		•		\$19,099,617
Non-Energy Benefits Adder (20.0%)				\$3,281,205
Subtotal	N/A	\$16,406,023	\$16,406,023	\$22,380,821
Participant Benefits				
Bill Reduction - Electric	\$19,642,088	N/A	N/A	N/A
Participant Rebates and Incentives	\$6,191,376	N/A	N/A	\$6,191,376
Incremental Capital Savings	\$11,499,147	N/A	N/A	\$8,049,403
Incremental O&M Savings	\$0	N/A	N/A	\$0,042,403
Subtotal	\$37,332,611	N/A	N/A	\$14,240,779
Total Benefits	\$37,332,611	\$16,406,023	\$16,406,023	\$36,621,600
Costs				
Utility Project Costs				
Program Planning & Design	N/A	\$0	\$0	\$0
Administration & Program Delivery	N/A	\$1,495,162	\$1,495,162	\$1,495,162
Advertising/Promotion/Customer Ed	N/A	\$1,280,780	\$1,280,780	\$1,280,780
Participant Rebates and Incentives	N/A	\$6,191,376	\$6,191,376	\$6,191,376
•	N/A	\$0,171,370	\$0,171,570	
Equipment & Installation		\$50,000	\$50,000	\$0 \$50,000
Measurement and Verification Subtotal	N/A N/A	\$9,017,318	\$9,017,318	\$9,017,318
Utility Revenue Reduction				
Revenue Reduction - Electric	N/A	N/A	\$19,497,556	N/A
Subtotal	N/A	N/A	\$19,497,556	N/A
Participant Costs				
Incremental Capital Costs	\$10,311,951	N/A	N/A	\$9,045,497
Incremental O&M Costs	\$852,119	N/A	N/A	\$634,292
Subtotal	\$11,164,070	N/A	N/A	\$9,679,788
Total Costs	\$11,164,070	\$9,017,318	\$28,514,874	\$18,697,106
Net Benefit (Cost)	\$26,168,541	\$7,388,706	(\$12,108,851)	\$17,924,494
Benefit/Cost Ratio	3.34	1.82	0.58	1.96

021 ELECTRIC	·	GOAI
put Summary and Totals		
ogram "Inputs" per Customer kW and per Participant		
Lifetime (Weighted on Generator kWh)	A	15.7 years
T & D Loss Factor (Energy)	В	6.389
T & D Loss Factor (Demand)	C	9.139
Net-to-Gross (Energy)	D	87.820
Net-to-Gross (Demand)	E	78.29%
Installation Rate (Energy)	F	100.00%
Installation Rate (Demand)	G	100.00%
Net coincident kW Saved at Generator	Н	0.39 kV
Gross Annual kWh Saved at Customer	I	510.66 kW
Net Annual kWh Saved at Generator	Ţ	479.03 kW
ogram Summary All Participants Total Budget	K	\$9,017,318
Net coincident kW Saved at Generator	L	11,378 kV
Gross Annual kWh Saved at Customer	M	14,998,591 kW
Net Annual kWh Saved at Generator	N	14,069,696 kW
Total MTRC Net Benefits with Adder	O	\$17,924,494
Total MTRC Net Benefits without Adder	P	\$14,643,289
Utility Program Cost per kWh Lifetime	K/(A x N)	\$0.0409
Utility Program Cost per kW at Gen	K/L	\$793
	·	
Avoided Lifetime CO2 Emissions, Total Program (tons	202)	69,440

2022 Net Present Cost Benefit Summary Analysis For All Participants				
	Participant Test (\$Total)	Utility Test (\$Total)	Rate Impact Test (\$Total)	Modified Total Resource Test (\$Total)
Benefits	, , , , , , , , , , , , , , , , , , ,	, ,	,	, ,
Avoided Revenue Requirements				
Generation Capacity	N/A	\$11,935,511	\$11,935,511	\$11,935,511
Trans. & Dist. Capacity	N/A	\$1,494,774	\$1,494,774	\$1,494,774
Marginal Energy	N/A	\$3,664,198	\$3,664,198	\$3,664,198
Avoided Emissions (CO2)	N/A	N/A	N/A	\$2,616,482
Subtotal			•	\$19,710,965
Non-Energy Benefits Adder (20.0%)				\$3,418,897
Subtotal	N/A	\$17,094,483	\$17,094,483	\$23,129,862
Participant Benefits				
Bill Reduction - Electric	\$20,228,421	N/A	N/A	N/A
Participant Rebates and Incentives	\$6,323,442	N/A	N/A	\$6,323,442
Incremental Capital Savings	\$12,048,784	N/A	N/A	\$8,434,149
Incremental O&M Savings	\$0	N/A	N/A	\$0
Subtotal	\$38,600,647	N/A	N/A	\$14,757,591
Total Benefits	\$38,600,647	\$17,094,483	\$17,094,483	\$37,887,452
Costs				
Utility Project Costs				
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	\$6,323,442	\$6,323,442	\$6,323,442
Equipment & Installation	N/A	\$0	\$0	\$0,525,112
Measurement and Verification	N/A	\$52,000	\$52,000	\$52,000
Subtotal	N/A	\$9,164,054	\$9,164,054	\$9,164,054
Utility Revenue Reduction				
Revenue Reduction - Electric	N/A	N/A	\$20,080,638	N/A
Subtotal	N/A	N/A	\$20,080,638	N/A
Participant Costs				
Incremental Capital Costs	\$10,299,367	N/A	N/A	\$9,031,718
Incremental O&M Costs	\$879,809	N/A	N/A	\$651,637
Subtotal	\$11,179,176	N/A	N/A	\$9,683,355
Total Costs	\$11,179,176	\$9,164,054	\$29,244,692	\$18,847,408
Net Benefit (Cost)	\$27,421,471	\$7,930,429	(\$12,150,209)	\$19,040,044
Benefit/Cost Ratio	3.45	1.87	0,58	2.01

put Summary and Totals ogram "Inputs" per Customer kW and per Participant Lifetime (Weighted on Generator kWh) T & D Loss Factor (Energy) T & D Loss Factor (Demand) Net-to-Gross (Energy) Net-to-Gross (Demand) Installation Rate (Energy)	A B C D E	6.38% 9.13% 87.53%
Lifetime (Weighted on Generator kWh) T & D Loss Factor (Energy) T & D Loss Factor (Demand) Net-to-Gross (Energy) Net-to-Gross (Demand)	B C D E	15.7 years 6.38% 9.13% 87.53% 78.10%
T & D Loss Factor (Energy) T & D Loss Factor (Demand) Net-to-Gross (Energy) Net-to-Gross (Demand)	B C D E	6.38% 9.13% 87.53%
T & D Loss Factor (Demand) Net-to-Gross (Energy) Net-to-Gross (Demand)	C D E	9.13% 87.53%
Net-to-Gross (Energy) Net-to-Gross (Demand)	D E	87.53%
Net-to-Gross (Demand)	E	
,	-	79 100
Installation Rate (Energy)	F	/0.107
		100.00%
Installation Rate (Demand)	G	100.00%
Net coincident kW Saved at Generator	H	0.39 kW
Gross Annual kWh Saved at Customer	I	508.08 kWh
Net Annual kWh Saved at Generator	Ţ	475.01 kWł
ogram Summary All Participants Total Budget	K	\$9,164,054
Net coincident kW Saved at Generator	L	11,639 kW
Gross Annual kWh Saved at Customer	M	15,041,334 kWl
Net Annual kWh Saved at Generator	N	14,062,106 kWl
Total MTRC Net Benefits with Adder	O	\$19,040,044
Total MTRC Net Benefits without Adder	P	\$15,621,147
Utility Program Cost per kWh Lifetime	K/(A x N)	\$0.0415
Utility Program Cost per kW at Gen	K/L	\$787
Avoided Lifetime CO2 Emissions, Total Program (tons CO2)	<u> </u>	64,872

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	(#10tai)	(\$10tai)	(#10tai)	(\$10tai)
Benefits				
Avoided Revenue Requirements				
Commodity Cost Reduction	N/A	\$5,337,053	\$5,337,053	\$5,337,053
Variable O&M Savings	N/A	\$89,504	\$89,504	\$89,504
Demand Savings	N/A	\$626,924	\$626,924	\$626,924
Subtotal				\$6,053,482
Non-Energy Benefits Adder (20.0%)				\$1,210,696
Subtotal	N/A	\$6,053,482	\$6,053,482	\$7,264,178
Participant Benefits				
Bill Reduction - Gas	\$9,660,049	N/A	N/A	N/A
Participant Rebates and Incentives	\$1,987,136	N/A N/A	N/A N/A	\$1,987,136
•	\$1,987,130	N/A N/A	N/A N/A	\$1,987,136
Incremental Capital Savings Incremental O&M Savings	\$0 \$0	N/A N/A	N/A N/A	\$0 \$0
Subtotal	\$11,647,185	N/A N/A	N/A N/A	\$1,987,136
Subtotal	\$11,047,105	14/11	14/11	\$1,767,130
Total Benefits	\$11,647,185	\$6,053,482	\$6,053,482	\$9,251,314
Costs				
Utility Project Costs				
Program Planning & Design	N/A	\$0	\$0	\$0
Administration & Program Delivery	N/A	\$737,986	\$737,986	\$737,986
Advertising/Promotion/Customer Ed	N/A	\$292,020	\$292,020	\$292,020
Participant Rebates and Incentives	N/A	\$1,987,136	\$1,987,136	\$1,987,136
Equipment & Installation	N/A	\$0	\$0	\$0
Measurement and Verification	N/A	\$19,500	\$19,500	\$19,500
Subtotal	N/A	\$3,036,642	\$3,036,642	\$3,036,642
Utility Revenue Reduction				
Revenue Reduction - Gas	N/A	N/A	\$9,512,992	N/A
Subtotal	N/A	N/A	\$9,512,992	N/A
Participant Costs				
Incremental Capital Costs	\$7,347,427	N/A	N/A	\$6,607,898
Incremental O&M Costs	\$0	N/A	N/A	\$0,007,000
Subtotal	\$7,347,427	N/A	N/A	\$6,607,898
Total Costs	\$7,347,427	\$3,036,642	\$12,549,634	\$9,644,540
Net Benefit (Cost)	\$4,299,759	\$3,016,840	(\$6,496,152)	(\$393,226)
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2021 GAS		GOAL
Input Summary and Totals		
Program "Inputs" per Dth		
Lifetime (Weighted on Dth)	A	15.4 years
Net-to-Gross (Weighted on Dth)	В	91.99%
Install Rate (Weighted on Dth)	С	100.00%
Program Summary per Participant		
Gross Annual Dth Saved	D	11.2
Net Annual Dth Saved	Е	10.3
Program Summary All Participants		
Total Budget	F	\$3,036,642
Gross Annual Dth Saved	G	195,985 Dth
Net Annual Dth Saved	Н	180,289 Dth
Total MTRC Net Benefits with Adder	I	(\$393,226)
Total MTRC Net Benefits without Adder	J	(\$1,603,922)
Utility Program Cost per Dth Lifetime	F /(A x H)	\$1.0932

2022 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	\$5,284,248	\$5,284,248	\$5,284,248
Variable O&M Savings	N/A	\$85,185	\$85,185	\$85,185
Demand Savings	N/A	\$596,670	\$596,670	\$596,670
Subtotal				\$5,966,103
Non-Energy Benefits Adder (20.0%)				\$1,193,221
Subtotal	N/A	\$5,966,103	\$5,966,103	\$7,159,323
Participant Benefits				
Bill Reduction - Gas	\$9,572,351	N/A	N/A	N/A
Participant Rebates and Incentives	\$1,868,670	N/A	N/A	\$1,868,670
Incremental Capital Savings	\$0	N/A	N/A	\$0
Incremental O&M Savings	\$0	N/A	N/A	\$0
Subtotal	\$11,441,022	N/A	N/A	\$1,868,670
Total Benefits	\$11,441,022	\$5,966,103	\$5,966,103	\$9,027,993
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	\$1,868,670	\$1,868,670	\$1,868,670
Equipment & Installation	N/A	\$0	\$0	\$0
Measurement and Verification	N/A	\$20,000	\$20,000	\$20,000
Subtotal	N/A	\$2,892,451	\$2,892,451	\$2,892,451
Utility Revenue Reduction				
Revenue Reduction - Gas	N/A	N/A	\$9,418,869	N/A
Subtotal	N/A	N/A	\$9,418,869	N/A
Participant Costs				
Incremental Capital Costs	\$6,890,546	N/A	N/A	\$6,217,692
Incremental O&M Costs	\$0	N/A	N/A	\$0
Subtotal	\$6,890,546	N/A	N/A	\$6,217,692
Total Costs	\$6,890,546	\$2,892,451	\$12,311,320	\$9,110,144
Net Benefit (Cost)	\$4,550,475	\$3,073,652	(\$6,345,217)	(\$82,150
Benefit/Cost Ratio	1.66	2.06	0.48	0.99

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	92.28%
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	\$2,892,451
Gross Annual Dth Saved	G	186,996 Dtl
Net Annual Dth Saved	H	172,559 Dtl
Total MTRC Net Benefits with Adder	I	(\$82,150)
Total MTRC Net Benefits without Adder	J	(\$1,275,371)
Utility Program Cost per Dth Lifetime	F /(A x H)	\$1.0968