

MULTIFAMILY BUILDINGS					2020 ELECTRIC			GOAL		
2020 Net Present Cost Benefit Summary Analysis For All Participants					Input Summary and Totals					
	Participant	Utility	Rate	Modified	Program Inputs per Customer kW					
	Test	Test	Impact	TRC						
	(\$Total)	(\$Total)	(\$Total)	(\$Total)						
Benefits					Installation Rate (Energy)				J	100.0%
Avoided Revenue Requirements					Installation Rate (Demand)				K	100.0%
	Generation Capacity	N/A	\$1,061,819	\$1,061,819	\$1,061,819	MTRC Net Benefit (Cost)	L		\$279	
	Trans. & Dist. Capacity	N/A	\$135,825	\$135,825	\$135,825	MTRC Non-Energy Benefit Adder	M		\$142	
	Marginal Energy	N/A	\$2,803,213	\$2,803,213	\$2,803,213	Gross Annual kWh Saved at Customer	(B x E x C)		1,934 kWh	
	Avoided Emissions (CO2)	N/A	N/A	N/A	\$192	Net Annual kWh Saved at Customer	(F x (B x E x C x J))		1,934 kWh	
	Subtotal				\$4,001,050	Net Annual kWh Saved at Generator	(F x (B x E x C x J)) / (1 - H)		2,052 kWh	
	Non-Energy Benefits Adder (20%)				\$800,210	Program Summary All Participants				
Subtotal	N/A	\$4,000,858	\$4,000,858	\$4,801,261	Total Budget				N	\$2,334,116
Other Benefits					Gross kW Saved at Customer				O	5,637 kW
	Bill Reduction - Electric	\$6,667,065	N/A	N/A	N/A	Net coincident kW Saved at Generator	(G x O x K) x D / (1 - I)		1,381 kW	
	Participant Rebates and Incentives	\$1,585,986	N/A	N/A	\$1,585,986	Net Annual kWh Saved at Customer	(F x (B x E x O x J))		10,900,837 kWh	
	Incremental Capital Savings	\$0	N/A	N/A	\$0	Net Annual kWh Saved at Generator	(F x (B x E x O x J)) / (1 - H)		11,569,634 kWh	
	Incremental O&M Savings	\$0	N/A	N/A	\$0	TRC Net Benefits with Adder	(O x L)		\$1,571,155	
Subtotal	\$8,253,052	N/A	N/A	\$1,585,986	TRC Net Benefits without Adder				(O x (L - M))	\$770,945
Total Benefits					\$8,253,052	\$4,000,858	\$4,000,858	\$6,387,247		
Utility Project Costs					Utility Program Cost per kWh Lifetime				\$0.0148	
	Program Planning & Design	N/A	\$0	\$0	\$0	Utility Program Cost per kW at Gen				\$1,690
	Administration & Program Delivery	N/A	\$548,130	\$548,130	\$548,130					
	Advertising/Promotion/Customer Ed	N/A	\$200,000	\$200,000	\$200,000					
	Participant Rebates and Incentives	N/A	\$1,585,986	\$1,585,986	\$1,585,986					
	Equipment & Installation	N/A	\$0	\$0	\$0					
	Measurement and Verification	N/A	\$0	\$0	\$0					
Subtotal	N/A	\$2,334,116	\$2,334,116	\$2,334,116						
Utility Revenue Reduction										
	Revenue Reduction - Electric	N/A	N/A	\$6,667,065	N/A					
Subtotal	N/A	N/A	\$6,667,065	N/A						
Participant Costs										
	Incremental Capital Costs	\$2,355,167	N/A	N/A	\$2,355,167					
	Incremental O&M Costs	\$126,809	N/A	N/A	\$126,809					
Subtotal	\$2,481,975	N/A	N/A	\$2,481,975						
Total Costs					\$2,481,975	\$2,334,116	\$9,001,182	\$4,816,092		
Net Benefit (Cost)					\$5,771,076	\$1,666,742	(\$5,000,324)	\$1,571,155		
Benefit/Cost Ratio					3.33	1.71	0.44	1.33		

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