

Electric Product Detailed Technical Assumptions																																											
Measure Description		High Efficiency Product Assumptions				Baseline Product Assumptions			Economic Assumptions				Stipulated Output								Economic Assumptions			Technical Assumption	Program Forecast Inputs				Stipulated Forecast Inputs				Program Forecast Outputs				Measure Load Shape						
Electric Measure Group	Electric Measure Description	Efficient Product Description / Rating	Efficient Product Consumption (watts)	Efficient Hours of Operation (hrs/yr)	Baseline Product Description / Rating	Baseline Product Consumption (watts)	Baseline Hours of Operation (hrs/yr)	Measure Lifetime (years)	Rebate Amount (\$)	Average Baseline Product Cost (\$)	Incremental Cost of Efficient Product (\$)	Assumed Energy Cost (\$/kWh)	Rebate as a % of Incremental Cost (%)	Incremental Cost Payback Period w/ Rebate (yrs)	Incremental Cost Payback Period w/ Rebate (yrs)	Annual Customer kWh Savings (kWh/yr)	Rebated Cost / Cost (kWh Saved (\$/kWh))	Rebated Lifetime cost / Cost (kWh Saved (\$/kWh))	Customer kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2019 Participants (-)	2019 Units (-)	2020 Participants (-)	2020 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2019 NET Gen kW (kW)	2019 NET Gen kWh (kWh)	2019 Rebate Budget (\$)	2019 Incremental Costs (\$)	2020 NET Gen kW (kW)	2020 NET Gen kWh (kWh)	2020 Rebate Budget (\$)	2020 Incremental Costs (\$)	Measure Load Shape				
<b>TOTAL</b>																																											
11 Watt LED - 2019	Replace incandescent lamps with LEDs	2 x 11W LED Lamp	22	980	Federal Maximum Wattage Bulb	60	980	5.00	\$9.62	\$0.00	\$9.62	0.12078	100%	1.28	0.00	63	\$0.152	\$0.036	0.00	0.01	\$0.00	\$0.00	13%	8,000	40,000	0	0	100%	99%	100%	337	2,561,355	\$384,800	\$384,800	0	0	\$0	\$0	CO-RES-SPLT				
9 Watt LED - 2019	Replace incandescent lamps with LEDs	4 x 9W LED Lamp	36	980	Federal Maximum Wattage Bulb	112	980	5.00	\$12.76	\$0.00	\$12.76	0.12078	100%	0.79	0.00	134	\$0.095	\$0.019	0.14	0.02	\$0.00	\$0.00	13%	8,000	40,000	0	0	100%	99%	100%	717	5,442,880	\$510,400	\$510,400	0	0	\$0	\$0	CO-RES-SPLT				
11 Watt LED - 2020	Replace incandescent lamps with LEDs	2 x 11W LED Lamp	22	980	Federal Maximum Wattage Bulb	60	980	5.00	\$9.62	\$0.00	\$9.62	0.12078	100%	0.96	0.00	63	\$0.116	\$0.008	0.00	0.01	\$0.00	\$0.00	13%	0	0	8,000	40,000	100%	99%	100%	0	0	\$0	\$0	443	3,361,779	\$384,800	\$384,800	0	0	\$0	\$0	CO-RES-SPLT
9 Watt LED - 2020	Replace incandescent lamps with LEDs	4 x 9W LED Lamp	36	980	Federal Maximum Wattage Bulb	112	980	5.00	\$12.76	\$0.00	\$12.76	0.12078	100%	0.79	0.00	134	\$0.095	\$0.005	0.14	0.02	\$0.00	\$0.00	13%	0	0	8,000	40,000	100%	99%	100%	0	0	\$0	\$0	717	5,442,880	\$510,400	\$510,400	0	0	\$0	\$0	CO-RES-SPLT
Showerhead 2019	Provide new 1.5 gpm showerhead to replace existing 2.5 gpm showerhead in electric DHW heater	1.5 GPM Showerhead	81	6,700	2.5 GPM Showerhead	136	6,700	10.00	\$3.22	\$0.00	\$3.22	0.12078	100%	0.04	0.00	476	\$0.007	\$0.001	0.00	0.04	\$20.00	\$0.00	94%	8,000	2,800	8,000	2,800	100%	60%	100%	53	710,270	\$9,027	\$9,027	53	710,270	\$9,027	\$9,027	CO-RES-SFWHT				
Aerators - Kitchen 2019	Provide Energy Efficient Kitchen Aerator - 1.5 GPM to replace existing 2.2 gpm aerator in home with electric DHW heater	1.5 GPM Kitchen Faucet Aerator	14	6,700	2.2 GPM Kitchen Faucet Aerator	21	6,700	10.00	\$1.22	\$0.00	\$1.22	0.12078	100%	0.12	0.00	59	\$0.021	\$0.002	0.01	0.01	\$2.60	\$0.00	124%	8,000	2,800	8,000	2,800	100%	45%	100%	12	79,202	\$3,403	\$3,403	12	79,202	\$3,403	\$3,403	CO-RES-SFWHT				
Aerators - Bathroom 2019	Provide Energy Efficient Bath Faucet Aerator - 1.0 GPM to replace existing 2.2 gpm aerator in home with electric DHW heater	1.0 GPM Bathroom Faucet Aerator	6	6,700	2.2 GPM Bathroom Faucet Aerator	13	6,700	10.00	\$0.48	\$0.00	\$0.48	0.12078	100%	0.05	0.00	61	\$0.008	\$0.001	0.01	0.01	\$3.27	\$0.00	124%	8,000	2,800	8,000	2,800	100%	45%	100%	12	81,923	\$1,355	\$1,355	12	81,923	\$1,355	\$1,355	CO-RES-SFWHT				
Aerators - Bathroom 2019	Provide Energy Efficient Bath Faucet Aerator - 0.5 GPM to replace existing 2.2 gpm aerator in home with electric DHW heater	0.5 GPM Bathroom Faucet Aerator	3	6,700	Bathroom Faucet Aerator	13	6,700	10.00	\$0.48	\$0.00	\$0.48	0.12078	100%	0.03	0.00	86	\$0.006	\$0.001	0.01	0.01	\$4.63	\$0.00	124%	0	0	0	0	100%	45%	100%	0	0	\$0	\$0	0	0	\$0	\$0	CO-RES-SFWHT				
Bonus LED - 2019	2 x 19W A19 LED	2 x 19W A19 LED	30	980	Average EISA Standard Bulb	212	980	5	\$5.30	\$0.00	\$5.30	0.12078	100%	0.29	0.00	150	\$0.035	\$0.007	0.15	0.02	\$0.00	\$0.00	13%	4,500	4,500	0	0	100%	99%	100%	94	713,177	\$23,850	\$23,850	0	0	\$0	\$0	CO-RES-SPLT				
Bonus LED - 2019	1 x 8W Reflector LED	1 x 8W Reflector LED	8	980	Average EISA Standard Bulb	43	980	20	\$2.65	\$0.00	\$2.65	0.12078	100%	0.64	0.00	35	\$0.077	\$0.004	0.04	0.00	\$0.00	\$0.00	13%	4,500	4,500	0	0	100%	99%	100%	22	164,218	\$11,925	\$11,925	0	0	\$0	\$0	CO-RES-SPLT				
Bonus LED - 2019	2 x 6W Globe LED	2 x 6W Globe LED	12	980	Average EISA Standard Bulb	116	980	4	\$5.30	\$0.00	\$5.30	0.12078	100%	0.48	0.00	91	\$0.058	\$0.010	0.09	0.01	\$0.00	\$0.00	13%	4,500	4,500	0	0	100%	99%	100%	57	431,660	\$23,850	\$23,850	0	0	\$0	\$0	CO-RES-SPLT				
Bonus LED - 2019	1 x 4W-8W-14W 3-WAY LED	1 x 4W-8W-14W 3-WAY LED	8	980	Average EISA Standard Bulb	43	980	5	\$2.65	\$0.00	\$2.65	0.12078	100%	0.64	0.00	35	\$0.077	\$0.013	0.04	0.00	\$0.00	\$0.00	13%	4,500	4,500	0	0	100%	99%	100%	22	164,218	\$11,925	\$11,925	0	0	\$0	\$0	CO-RES-SPLT				
Bonus LED - 2019	4 x 9W Candle LED	4 x 9W Candle LED	30	980	Average Specialty Bulb	640	980	4	\$10.80	\$0.00	\$10.80	0.12078	100%	0.16	0.00	502	\$0.019	\$0.003	0.56	0.08	\$0.00	\$0.00	13%	4,500	4,500	0	0	100%	99%	100%	346	2,627,495	\$47,700	\$47,700	0	0	\$0	\$0	CO-RES-SPLT				
Bonus LED - 2020	2 x 19W A19 LED	2 x 19W A19 LED	30	980	Average EISA Standard Bulb	196	980	5	\$5.30	\$0.00	\$5.30	0.12078	100%	0.59	0.00	75	\$0.071	\$0.004	0.08	0.01	\$0.00	\$0.00	13%	0	0	5,500	5,500	100%	99%	100%	0	0	\$0	\$0	57	435,831	\$29,150	\$29,150	CO-RES-SPLT				
Bonus LED - 2020	1 x 8W Reflector LED	1 x 8W Reflector LED	8	980	Average EISA Standard Bulb	43	980	5	\$2.65	\$0.00	\$2.65	0.12078	100%	0.64	0.00	35	\$0.077	\$0.012	0.04	0.00	\$0.00	\$0.00	13%	0	0	5,500	5,500	100%	99%	100%	0	0	\$0	\$0	26	200,711	\$14,575	\$14,575	CO-RES-SPLT				
Bonus LED - 2020	2 x 6W Globe LED	2 x 6W Globe LED	12	980	Average EISA Standard Bulb	96	980	5	\$5.30	\$0.00	\$5.30	0.12078	100%	0.97	0.00	45	\$0.117	\$0.018	0.05	0.01	\$0.00	\$0.00	13%	0	0	5,500	5,500	100%	99%	100%	0	0	\$0	\$0	35	263,792	\$29,150	\$29,150	CO-RES-SPLT				
Bonus LED - 2020	1 x 4W-8W-14W 3-WAY LED	1 x 4W-8W-14W 3-WAY LED	8	980	Average EISA Standard Bulb	43	980	5	\$2.65	\$0.00	\$2.65	0.12078	100%	0.64	0.00	35	\$0.077	\$0.012	0.04	0.00	\$0.00	\$0.00	13%	0	0	5,500	5,500	100%	99%	100%	0	0	\$0	\$0	26	200,711	\$14,575	\$14,575	CO-RES-SPLT				
Bonus LED - 2020	4 x 9W Candle LED	4 x 9W Candle LED	30	980	Average Specialty Bulb	640	980	5	\$10.60	\$0.00	\$10.60	0.12078	100%	0.64	0.00	138	\$0.077	\$0.012	0.14	0.02	\$0.00	\$0.00	13%	0	0	5,500	5,500	100%	99%	100%	0	0	\$0	\$0	106	802,846	\$58,300	\$58,300	CO-RES-SPLT				
Advanced Power Strip	Advanced Power Strip	See - Advanced Power Strip	14	1,000	Advanced Power Strip	30	1,000	5	\$25.00	\$10.00	\$15.00	0.10819	100%	3.00	0.00	68	\$0.370	\$0.053	0.01	0.01	\$0.00	\$0.00	90%	0	0	1,000	1,000	100%	80%	100%	0	0	\$0	\$0	5	36,128	\$25,000	\$25,000	CO-RES-SPLT				
Programmable Thermostat	Programming of Existing T-stat (Elec Cooling & Gas Heat)	See - Programmable Thermostat	1	1,000	Programmable Thermostat	1	1,000	5	\$0.00	\$0.00	\$0.00	0.12078	100%	0.00	0.00	167	\$0.000	\$0.000	0.29	6.24	\$0.00	\$0.00	100%	0	0	22,036	22,036	100%	4%	100%	0	0	\$0	\$0	215	157,097	\$0	\$0	CO-RES-SPLT				