

Measure Description		Electric Product Detailed Technical Assumptions										Program Forecast Inputs										Program Forecast Outputs																									
Electric Measure Group	Electric Measure Description	High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions				Stipulated Output						Economic Assumptions			Technical Assumption	2019				2020				2019				2020				Measure Load Shape									
		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 / Cust kWh Saved (\$/kWh)	Rebated Lifetime Cost / Cust 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 (\$)								
TOTAL																							247,381	3,042,258	168,146	2,283,600				12,543	89,822,833	\$4,127,887	\$5,889,958	10,314	72,145,560	\$3,367,443	\$5,708,422										
Residential Home Lighting - Residential Customers 2019	LED Bulb - A-Line	LED Bulb Purchase - A-Line	9.84	980	Incandescent Equivalent (Post-EBSA)	45.41	980	5.0	\$1.33	\$0.93	\$1.74	0.12075	77%	0.41	0.09620204	35	\$0.038	\$0.008	0.04	0.00	\$0.00	\$0.00	13%	188,571	2,451,424			41%	99%	100%	7,308	55,465,884	\$3,258,804	\$4,257,680	0	0	\$0	\$0	0	0	\$0	\$0	CO-Peak_Lighting				
Residential Home Lighting - Business Customers 2019	LED Bulb - A-Line	LED Bulb Purchase - A-Line	9.84	3,800	Incandescent Equivalent (Post-EBSA)	45.41	3,800	4.2	\$1.33	\$0.93	\$1.74	0.08357	77%	0.15	0.035451592	138	\$0.010	\$0.002	0.04	0.03	\$0.00	\$0.00	67%	6,018	156,474			61%	99%	100%	2,441	13,727,847	\$208,009	\$271,767	0	0	\$0	\$0	0	0	\$0	\$0	CO-BUS_Light_Air				
Residential Home Lighting - Residential Customers 2019	LED Bulb - Specialty	LED Bulb Purchase - Specialty	10.92	980	Incandescent Equivalent (EnergyPool-ETSA)	79.91	980	13.9	\$1.46	\$2.76	\$1.80	0.12075	77%	0.24	0.055430873	65	\$0.022	\$0.002	0.07	0.01	\$0.00	\$0.00	13%	27,702	360,123			61%	99%	100%	1,902	15,116,351	\$525,125	\$681,981	0	0	\$0	\$0	0	0	\$0	\$0	CO-Peak_Lighting				
Residential Home Lighting - Business Customers 2019	LED Bulb - Specialty	LED Bulb Purchase - Specialty	10.92	3,800	Incandescent Equivalent (EnergyPool-ETSA)	79.91	3,800	5.4	\$1.46	\$2.76	\$1.80	0.08357	77%	0.09	0.029426933	255	\$0.006	\$0.001	0.07	0.05	\$0.00	\$0.00	67%	884	22,987			61%	99%	100%	665	3,741,309	\$33,519	\$43,531	0	0	\$0	\$0	0	0	\$0	\$0	CO-BUS_Light_Air				
Residential Home Lighting - Residential Customers 2019	LED Tubes (Linear Lamps)	LED Linear Tube	15.00	980	Fluorescent Lamp	30.00	980	20.0	\$2.00	\$0.00	\$12.00	0.12075	17%	6.50	5.418704723	15	\$0.131	\$0.007	0.02	0.00	\$0.00	\$0.00	13%	34,088	48,175			100%	99%	100%	103	778,565	\$96,350	\$578,100	0	0	\$0	\$0	0	0	\$0	\$0	CO-Peak_Lighting				
Residential Home Lighting - Business Customers 2019	LED Tubes (Linear Lamps)	LED Linear Tube	15.00	3,800	Fluorescent Lamp	30.00	3,800	13.1	\$2.00	\$0.00	\$12.00	0.08357	17%	2.40	1.988658883	80	\$0.033	\$0.003	0.02	0.01	\$0.00	\$0.00	67%	118	3,075			100%	99%	100%	34	192,696	\$0,150	\$36,900	0	0	\$0	\$0	0	0	\$0	\$0	CO-BUS_Light_Air				
Residential Home Lighting - Residential Customers 2020	LED Bulb - A-Line	LED Bulb Purchase - A-Line	9.84	980	Incandescent Equivalent (Pre-EBSA)	45.41	980	5.0	\$1.33	\$0.93	\$1.74	0.12075	77%	0.41	0.09620204	35	\$0.038	\$0.002	0.04	0.00	\$0.00	\$0.00	13%			140,277	1,823,600	61%	99%	100%	0	0	\$0	\$0	5,436	41,260,731	\$2,424,205	\$3,167,263									CO-Peak_Lighting
Residential Home Lighting - Business Customers 2020	LED Bulb - A-Line	LED Bulb Purchase - A-Line	9.84	3,800	Incandescent Equivalent (Pre-EBSA)	45.41	3,800	4.2	\$1.33	\$0.93	\$1.74	0.08357	77%	0.15	0.035451592	138	\$0.010	\$0.002	0.04	0.03	\$0.00	\$0.00	67%			4,477	116,400	61%	99%	100%	0	0	\$0	\$0	1,816	10,212,065	\$154,736	\$202,166									CO-BUS_Light_Air
Residential Home Lighting - Residential Customers 2020	LED Bulb - Specialty	LED Bulb Purchase - Specialty	10.92	980	Incandescent Equivalent (Pre-EBSA)	79.91	980	13.9	\$1.46	\$2.76	\$1.80	0.12075	77%	0.24	0.056007653	64	\$0.023	\$0.003	0.07	0.01	\$0.00	\$0.00	13%			22,688	294,690	61%	99%	100%	0	0	\$0	\$0	1,611	12,230,769	\$429,711	\$558,067									CO-Peak_Lighting
Residential Home Lighting - Business Customers 2020	LED Bulb - Specialty	LED Bulb Purchase - Specialty	10.92	3,800	Incandescent Equivalent (Pre-EBSA)	79.91	3,800	5.4	\$1.46	\$2.76	\$1.80	0.08357	53%	0.15	0.072257255	252	\$0.007	\$0.001	0.07	0.05	\$0.00	\$0.00	67%			723	18,810	61%	99%	100%	0	0	\$0	\$0	538	3,029,704	\$32,750	\$61,430									CO-BUS_Light_Air
Residential Home Lighting - Residential Customers 2020	LED Tubes (Linear Lamps)	LED Linear Tube	15.00	980	Fluorescent Lamp	30.00	980	20.0	\$2.00	\$2.00	\$12.00	0.12075	17%	6.50	5.418704723	15	\$0.131	\$0.007	0.02	0.00	\$0.00	\$0.00	13%			34,419	68,838	100%	99%	100%	0	0	\$0	\$0	147	1,112,504	\$137,676	\$626,056									CO-Peak_Lighting
Residential Home Lighting - Business Customers 2020	LED Tubes (Linear Lamps)	LED Linear Tube	15.00	3,800	Fluorescent Lamp	30.00	3,800	13.1	\$2.75	\$2.00	\$12.00	0.08357	21%	2.59	2.043206859	80	\$0.046	\$0.004	0.02	0.01	\$0.00	\$0.00	67%			2,839	68,812	100%	99%	100%	0	0	\$0	\$0	765	4,299,588	\$188,364	\$895,441									CO-BUS_Light_Air