

Measure Description		Electric Product Detailed Technical Assumptions																							Program Forecast Inputs		Stipulated Forecast Inputs			Program Forecast Outputs			
		High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions			Stipulated Output							Economic Assumptions		Technical Assumption	2020		2020			2020							
Electric Product Measure	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/o 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 kWh Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2020 Participants (i)	2020 Units (i)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2020 NET Gen kW (kW)	2020 NET Gen kWh (kWh)	2020 Rebate Budget (\$)	2020 Incremental Costs (\$)	Measure Load Shape
LED Tubes (Linear Lamps)	LED Tubes (Linear Lamps)	LED Linear Tube	16	5,020	Fluorescent Lamp	26	5,020	12	\$5	\$2	\$16	0.072	32%	3.36	2.29	68	\$0.074	\$0.006	0.01	0.01	\$0.00	\$0.18	75%	4,462	261,546	92%	99%	100%	6,119	39,668,822	\$3,336,757	\$10,292,143	CO-BUS-SBL Tube
LED Ref and Frz Cases 5' or 6' doors	LED Ref and Frz Cases 5' or 6' doors	LED Case Lighting	20	4,313	Fluorescent System	81	4,313	20	\$45	\$0	\$164	0.078	27%	8.60	6.24	243	\$0.186	\$0.009	0.08	0.05	\$0.00	\$0.00	77%	3	29	89%	100%	100%	1	6,613	\$1,305	\$4,748	CO-BUS-SBL Refrigerated
LED/LEC Exit Sign	LED/LEC Exit Sign	LED/LEC Exit Sign	2	8,760	Incandescent Exit Sign	39	8,760	20	\$25	\$0	\$84	0.066	30%	4.85	3.41	323	\$0.077	\$0.004	0.04	0.04	\$0.00	\$0.84	100%	99	530	89%	100%	100%	19	161,186	\$13,250	\$44,525	CO-BUS-Light Flat
LED PL/G Based Lamp	LED PL/G Based Lamp	LED Plug In Lamp	14	4,756	CFL lamp	44	4,756	12	\$8	\$7	\$12	0.074	71%	1.14	0.33	145	\$0.058	\$0.005	0.03	0.02	\$0.00	\$0.38	74%	65	2,514	92%	99%	100%	56	350,084	\$21,042	\$29,687	CO-BUS-SBL Troffer
LED Mogul-Based Lamps	LED High Bay Mogul-Based Lamps	LED Screw-Base Lamp	89	5,064	HID Lamp	374	5,064	10	\$76	\$88	\$151	0.072	50%	1.52	0.76	1,410	\$0.054	\$0.005	0.28	0.23	\$0.00	\$2.22	79%	17	181	92%	99%	100%	37	244,989	\$13,646	\$27,321	CO-BUS-SBL High Bay
LED High Bay Fixture or Kit	LED High Bay Fixture or Kit	LED High Bay Fixture or Kit	128	4,206	HID or Fluorescent Fixture	308	4,206	30	\$115	\$4	\$312	0.080	37%	5.34	3.38	758	\$0.151	\$0.008	0.18	0.14	\$0.00	\$1.97	70%	217	4,834	89%	100%	100%	603	3,516,511	\$566,205	\$1,539,490	CO-BUS-SBL High Bay
LED Interior Fixture	LED Interior Fixture	LED Downlight Fixture	21	4,871	Incandescent or CFL Fixture	90	4,871	20	\$31	\$0	\$93	0.075	33%	3.69	2.46	344	\$0.090	\$0.004	0.07	0.05	\$0.00	\$0.70	87%	83	3,465	89%	100%	100%	164	1,121,509	\$107,237	\$321,463	CO-BUS-SBL Troffer
LED Linear Ambient	LED Linear Ambient	LED Linear Ambient Fixture	62	4,278	Fluorescent Fixture	121	4,278	20	\$33	\$28	\$192	0.079	17%	9.91	8.23	254	\$0.128	\$0.006	0.06	0.05	\$0.00	\$0.66	73%	203	4,444	89%	100%	100%	186	1,062,801	\$144,692	\$854,472	CO-BUS-SBL Troffer
LED Troffer Fixture or Kit	LED Troffer Fixture or Kit	LED Troffer Fixture or Kit	38	3,856	Fluorescent Fixture	87	3,856	20	\$39	\$15	\$176	0.084	22%	9.66	7.52	224	\$0.173	\$0.009	0.06	0.04	\$0.00	\$0.59	70%	404	11,241	89%	100%	100%	438	2,369,054	\$436,514	\$1,972,780	CO-BUS-SBL Troffer
LED Parking Garage Lighting	LED Parking Garage Lighting	LED Parking Garage Fixture	62	8,760	HID Fixture	214	8,760	20	\$128	\$0	\$220	0.066	55%	3.07	1.39	1,335	\$0.094	\$0.005	0.15	0.17	\$0.00	\$0.00	100%	5	41	89%	100%	100%	6	51,761	\$5,189	\$9,480	CO-BUS-Light Flat
LED Parking Garage Wall Pack	LED Parking Garage Wall Pack	LED Wall Pack Fixture	21	8,760	HID Wall Pack Fixture	95	8,760	20	\$36	\$0	\$266	0.066	13%	7.26	6.28	652	\$0.055	\$0.003	0.07	0.08	\$0.00	\$0.00	100%	4	29	89%	100%	100%	2	17,620	\$1,023	\$7,636	CO-BUS-Light Flat
LED Area Lighting	LED Area Lighting	LED Fixture	169	4,511	HID Fixture	565	4,511	20	\$96	\$0	\$601	0.077	16%	4.40	3.70	1,786	\$0.053	\$0.003	0.40	0.00	\$0.00	\$0.00	9%	45	546	89%	100%	100%	0	916,810	\$52,145	\$328,171	CO-BUS-RECM_OUT
LED Exterior Wall Pack	LED Exterior Wall Pack	LED Wall Pack Fixture	58	4,511	HID Wall Pack Fixture	264	4,511	20	\$48	\$0	\$281	0.077	17%	3.95	3.28	928	\$0.051	\$0.003	0.21	0.00	\$0.00	\$0.00	9%	98	585	89%	100%	100%	0	510,755	\$27,968	\$164,433	CO-BUS-RECM_OUT
LED Outdoor Canopy Lighting	LED Outdoor Canopy Lighting	LED Canopy Fixture	93	4,511	HID Fixture	346	4,511	20	\$48	\$0	\$285	0.077	19%	2.90	2.38	1,148	\$0.042	\$0.002	0.25	0.00	\$0.00	\$0.00	9%	5	31	89%	100%	100%	0	33,195	\$1,478	\$7,850	CO-BUS-RECM_OUT
LED Street Lighting	LED Street Lighting	LED Fixture	125	4,511	HID Fixture	278	4,511	20	\$45	\$0	\$408	0.077	11%	7.71	6.87	691	\$0.065	\$0.003	0.15	0.00	\$0.00	\$0.00	9%	4	4	89%	100%	100%	0	2,597	\$179	\$1,631	CO-BUS-RECM_OUT
Networked Lighting Controls	Networked Lighting Controls	Networked Lighting Controls	33	4,157	Manual Switch	63	4,157	15	\$25	\$0	\$99	0.080	25%	10.40	7.75	123	\$0.205	\$0.014	0.03	0.02	\$0.00	\$0.35	96%	20	2,500	100%	100%	100%	45	324,468	\$62,884	\$246,858	CO-BUS-Light/Network Controls
Standalone Controls	Standalone Controls	Sensor	148	4,157	Manual Switch	210	4,157	5	\$19	\$0	\$129	0.080	15%	6.52	5.54	256	\$0.075	\$0.009	0.06	0.05	\$0.00	\$0.73	78%	60	1,850	89%	100%	100%	85	444,693	\$35,688	\$238,276	CO-BUS-Light Sensor
Stairwell Fixture	Stairwell Fixture	LED Stairwell Lighting Fixture	28	8,760	Fluorescent Fixture	58	8,760	20	\$40	\$0	\$277	0.066	14%	19.62	16.79	262	\$0.153	\$0.008	0.03	0.03	\$0.00	\$0.59	100%	2	50	89%	100%	100%	1	12,322	\$2,000	\$13,863	CO-BUS-Light Flat
LED Interior Lamp	LED Interior Lamp	LED Screw-In Lamp	10	3,702	Incandescent	39	3,702	1	\$3	\$0	\$3	0.086	100%	0.27	-	143	\$0.022	\$0.003	0.04	0.03	\$0.00	\$0.38	70%	1,400	27,320	90%	100%	100%	720	3,703,908	\$86,157	\$86,157	CO-BUS-SBL Screw In
Restroom Aerator	Faucet Aerator (Restroom), elec water heating	2 gallons per minute restroom faucet aerator	84	8,760	2.2 gallons per minute faucet	306	8,760	10	\$1	\$0	\$0.51	0.066	100%	0.00	-	1,951	\$0.000	\$0.000	0.22	0.01	\$191.47	\$0.00	2%	90	90	90%	100%	100%	0	166,949	\$46	\$46	CO-BUS-CUSTOM
Kitchen Aerator	Faucet Aerator (Kitchen), elec water heating	1.5 gallons per minute kitchen faucet aerator	70	8,760	2.2 gallons per minute faucet	102	8,760	10	\$0	\$0	\$0.49	0.066	100%	0.01	-	285	\$0.002	\$0.000	0.03	0.00	\$19.17	\$0.00	1%	10	10	90%	100%	100%	0	2,705	\$5	\$5	CO-BUS-CUSTOM
LED Midstream Interior Lamps	LED Midstream Interior Lamps	LED Lamp or Retrofit Kit	11	5,194	Incandescent or CFL Lamp	39	5,194	5	\$5	\$6	\$11	0.071	47%	1.06	0.56	146	\$0.034	\$0.006	0.03	0.02	\$0.00	\$0.36	75%	355	89,571	92%	99%	100%	1,852	12,560,067	\$440,691	\$946,426	CO-BUS-SBL Screw In
Custom Lighting Project	Custom Lighting Project	High Efficiency Lighting	2,266	3,441	Existing Lower Efficiency Lighting	7,878	3,441	18	\$3,128	\$67	\$7,016	0.090	45%	4.10	2.27	19,657	\$0.159	\$0.009	5.71	3.72	\$0.00	\$51.80	60%	240	240	89%	100%	100%	795	4,440,824	\$751,565	\$1,685,857	CO-BUS-Light All
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC & GAS	Energy Star Certified Thermostat	5,943	785	Manual or programmable thermostat	8,531	785	10	\$13	0	\$13	0.283	100%	0.10	-	450	\$0.028	\$0.003	0.59	0.00	\$0.00	\$0.00	9%	114	366	90%	100%	100%	0	156,455	\$4,612	\$4,612	CO-BUS-COOL_OUT
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC ONLY	Energy Star Certified Thermostat	5,943	785	Manual or programmable thermostat	8,531	785	10	\$14	0	\$14	0.283	100%	0.11	-	450	\$0.032	\$0.003	0.59	0.00	\$0.00	\$0.00	9%	34	114	90%	100%	100%	0	48,732	\$1,625	\$1,625	CO-BUS-COOL_OUT
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC & ELEC HEAT	Energy Star Certified Thermostat	5,943	1,283	Manual or programmable thermostat	8,531	1,283	10	\$23	0	\$23	0.182	100%	0.16	-	754	\$0.030	\$0.003	0.59	0.00	\$0.00	\$0.00	9%	34	114	90%	100%	100%	0	81,729	\$2,583	\$2,583	CO-BUS-COOL_OUT