

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 Assumptions				2019		2020		2019		2020							
Electric Product Measure	Electric Measure Description	Efficient Product Description / Rating	Efficient Product Consumption (watts)	Efficient Hours of Operation (hr/yr)	Baseline Product Description / Rating	Baseline Product Consumption (watts)	Baseline Hours of Operation (hr/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 / Cost kWh Saved (\$/kWh)	Rebated Lifetime Cost / Cost kWh Saved (\$/kWh)	Customer kWh Savings (kWh)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2019 Participants (1)	2019 Units (1)	2020 Participants (1)	2020 Units (1)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2019 NET Gen (kW)	2019 NET Gen (kWh)	2019 Rebate Budget (\$)	2019 Incremental Costs (\$)	2020 NET Gen (kW)	2020 NET Gen (kWh)	2020 Rebate Budget (\$)	2020 Incremental Costs (\$)	Measure Load Shape
LED Tubes (Linear Lamps)	LED Tubes (Linear Lamps)	LED Linear Tube	16	10000	Fluorescent Lamp	28	10000	12	\$5	\$0	\$10	0.072	32%	3.38	2.28	68	\$0.074	\$0.008	0.01	0.01	\$0.00	\$0.00	100%	4,569	264,025	4,189	259,932	92%	99%	100%	6,191	40,075,454	\$3,483,184	\$1,255,069	6,107	39,157,646	\$3,324,720	\$1,028,717	CO-BUS-SBL Tube
LED Ref and Frz Cases T or F doors	LED Ref and Frz Cases T or F doors	LED Case Lighting	25	4,313	Fluorescent System	61	4,313	20	\$45	\$0	\$104	0.079	27%	8.62	6.24	243	\$0.186	\$0.009	0.06	0.05	\$0.00	\$0.00	77%	3	29	3	29	89%	100%	100%	1	6,813	\$1,305	\$4,749	1	6,813	\$1,305	\$4,749	CO-BUS-SBL Refrigerated
LEDLEC Exit Sign	LEDLEC Exit Sign	LEDLEC Exit Sign	2	8,760	Fluorescent Exit Sign	66	8,760	20	\$25	\$0	\$84	0.056	30%	4.85	3.41	323	\$0.077	\$0.004	0.04	0.04	\$0.00	\$0.00	100%	99	530	99	530	89%	100%	100%	19	161,186	\$13,250	\$44,525	19	161,186	\$13,250	\$44,525	CO-BUS-Light Fix
LED Plug Based Lamp	LED Plug Based Lamp	LED Plug In Lamp	14	4,100	CFL Lamp	44	4,100	12	\$8	\$7	\$12	0.074	71%	1.14	0.83	145	\$0.068	\$0.005	0.03	0.02	\$0.00	\$0.00	100%	48	1,867	65	2,514	92%	99%	100%	42	260,262	\$15,631	\$22,063	66	350,264	\$21,042	\$29,687	CO-BUS-SBL Troffer
LED Mogul-Based Lamp	LED Mogul-Based Lamp	LED High Bay Mogul-Based Lamp	55	1,000	LED or Fluorescent Mogul	374	1,000	10	\$76	\$60	\$151	0.072	50%	1.52	0.76	1,410	\$0.054	\$0.005	0.28	0.23	\$0.00	\$0.00	100%	12	134	17	181	92%	96%	100%	27	181,892	\$10,137	\$20,296	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	105	1,000	LED or Fluorescent Mogul	365	1,000	20	\$115	\$0	\$230	0.080	38%	6.41	3.44	758	\$0.161	\$0.008	0.18	0.14	\$0.00	\$0.00	100%	149	3,504	217	4,934	89%	100%	100%	428	2,487,376	\$482,111	\$1,106,600	603	3,516,511	\$568,205	\$1,528,184	CO-BUS-SBL High Bay
LED Interior Fixture	LED Interior Fixture	LED Downlight Fixture	23	4,871	Fluorescent or CFL Fixture	65	4,871	20	\$31	\$0	\$52	0.075	33%	3.69	2.46	344	\$0.090	\$0.004	0.07	0.05	\$0.00	\$0.00	97%	54	2,665	83	3,465	89%	100%	100%	128	862,700	\$82,490	\$247,279	164	1,121,609	\$107,237	\$321,463	CO-BUS-SBL Troffer
LED Linear Ambient	LED Linear Ambient	LED Linear Ambient	62	4,370	Fluorescent Fixture	127	4,370	20	\$33	\$30	\$190	0.079	17%	9.81	8.13	264	\$0.138	\$0.006	0.06	0.05	\$0.00	\$0.00	70%	271	5,935	203	4,444	89%	100%	100%	248	1,417,889	\$182,022	\$1,127,636	186	1,682,801	\$144,682	\$840,739	CO-BUS-SBL Troffer
LED Troffer Fixture or Kit	LED Troffer Fixture or Kit	LED Troffer Fixture or Kit	30	3,858	Fluorescent Fixture	97	3,858	20	\$39	\$15	\$170	0.084	22%	9.64	7.96	224	\$0.173	\$0.009	0.06	0.04	\$0.00	\$0.00	70%	528	14,987	404	11,241	89%	100%	100%	584	3,158,739	\$862,018	\$2,625,923	438	2,389,204	\$436,514	\$1,969,442	CO-BUS-SBL Troffer
LED Parking Garage Lighting	LED Parking Garage Lighting	LED Parking Garage Lighting	62	8,760	LED Fixture	214	8,760	20	\$126	\$0	\$230	0.056	50%	3.07	1.39	1,335	\$0.094	\$0.005	0.15	0.17	\$0.00	\$0.00	100%	4	33	5	41	89%	100%	100%	5	41,400	\$4,151	\$7,584	6	51,761	\$5,189	\$9,480	CO-BUS-Light Fix
LED Parking Garage Wall Pack	LED Parking Garage Wall Pack	LED Wall Pack Fixture	21	8,760	LED Wall Pack Fixture	95	8,760	20	\$36	\$0	\$209	0.056	13%	7.26	6.28	652	\$0.055	\$0.003	0.07	0.06	\$0.00	\$0.00	100%	3	23	4	29	89%	100%	100%	2	14,096	\$819	\$6,108	2	17,620	\$1,023	\$7,636	CO-BUS-Light Fix
LED Area Lighting	LED Area Lighting	LED Fixture	169	4,511	LED Fixture	665	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%	91	1,062	45	546	89%	100%	100%	0	1,833,619	\$104,289	\$696,341	0	916,810	\$52,145	\$328,171	CO-BUS-REC-CUT
LED Exterior Wall Pack	LED Exterior Wall Pack	LED Wall Pack Fixture	58	4,511	LED Wall Pack Fixture	364	4,511	20	\$48	\$0	\$261	0.077	17%	3.95	3.28	928	\$0.051	\$0.003	0.21	0.00	\$0.00	\$0.00	9%	197	1,171	98	585	89%	100%	100%	0	1,021,509	\$55,933	\$328,867	0	510,755	\$27,968	\$164,433	CO-BUS-REC-CUT
LED Outdoor Canopy Lighting	LED Outdoor Canopy Lighting	LED Canopy Fixture	53	4,511	LED Fixture	348	4,511	20	\$48	\$0	\$258	0.077	19%	2.96	2.36	1,148	\$0.042	\$0.002	0.25	0.00	\$0.00	\$0.00	9%	9	62	5	31	89%	100%	100%	0	66,391	\$2,955	\$15,700	0	33,195	\$1,478	\$7,850	CO-BUS-REC-CUT
LED Street Lighting	LED Street Lighting	LED Fixture	125	4,511	LED Fixture	279	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	4	4	89%	100%	100%	0	2,997	\$179	\$1,631	0	2,997	\$179	\$1,631	CO-BUS-REC-CUT
Networked Lighting Controls	Networked Lighting Controls	Networked Lighting Controls	33	4,157	Manual Switch	63	4,157	10	\$25	\$0	\$50	0.060	20%	10.40	7.70	123	\$0.205	\$0.014	0.03	0.02	\$0.00	\$0.00	96%	10	1,300	20	2,500	100%	100%	100%	23	168,723	\$32,700	\$128,366	45	324,468	\$62,884	\$246,859	CO-BUS-Light Network Control
Standalone Controls	Standalone Controls	Switch	145	4,157	Manual Switch	292	4,157	8	\$19	\$0	\$115	0.060	15%	6.52	5.54	256	\$0.075	\$0.009	0.06	0.05	\$0.00	\$0.00	78%	60	1,850	60	1,850	89%	100%	100%	85	444,683	\$35,688	\$238,276	85	444,683	\$35,688	\$238,276	CO-BUS-Light Switch
Stairwell Fixture	Stairwell Fixture	LED Stairwell Fixture	28	8,760	Fluorescent Fixture	58	8,760	20	\$40	\$0	\$217	0.056	14%	18.62	16.79	262	\$0.163	\$0.008	0.03	0.03	\$0.00	\$0.00	100%	2	80	2	80	89%	100%	100%	1	12,322	\$2,000	\$13,863	1	12,322	\$2,000	\$13,863	CO-BUS-Light Fix
LED Interior Lamp	LED Interior Lamp	LED Downlight Lamp	10	8,760	Fluorescent or Incandescent	50	8,760	8	\$3	\$0	\$5	0.086	100%	0.26	-	147	\$0.021	\$0.004	0.04	0.03	\$0.00	\$0.00	70%	1,300	26,300	1,300	26,300	89%	100%	100%	707	3,639,648	\$82,941	\$82,941	707	3,639,648	\$82,941	\$82,941	CO-BUS-SBL Downlight
Restroom Aerator	Faucet Aerator (Restroom, elec water heating)	2.0 gallons per minute aerator	84	8,760	2.0 gallons per minute aerator	306	8,760	10	\$1	\$0	\$0.01	0.056	100%	0.00	-	1,951	\$0.000	\$0.000	0.22	0.01	\$131.47	\$0.00	9%	90	90	90	90	90%	100%	100%	0	166,949	\$46	\$46	0	166,949	\$46	\$46	CO-BUS-CUSTOM
Kitchen Aerator	Faucet Aerator (Kitchen, elec water heating)	2.0 gallons per minute aerator	70	8,760	2.0 gallons per minute aerator	102	8,760	10	\$0	\$0	\$0.49	0.056	100%	0.01	-	285	\$0.002	\$0.000	0.03	0.00	\$19.17	\$0.00	9%	10	10	10	10	90%	100%	100%	0	2,705	\$5	\$5	0	2,705	\$5	\$5	CO-BUS-CUSTOM
LED Midstream Interior Lamps	LED Midstream Interior Lamps	LED Lamp or Retrofit Kit	15	8,760	Fluorescent or CFL Lamp	38	8,760	8	\$5	\$0	\$11	0.071	47%	1.08	0.58	146	\$0.034	\$0.006	0.03	0.02	\$0.00	\$0.00	100%	483	92,263	355	89,571	92%	99%	100%	1,308	12,982,470	\$453,933	\$974,864	1,852	12,982,467	\$450,691	\$946,426	CO-BUS-SBL Downlight
Custom Lighting Project	Custom Lighting Project	High Efficiency Lighting	3,205	8,441	Existing Linear Fluorescent Lighting	7,979	8,441	16	\$3,128	\$67	\$7,676	0.090	40%	4.10	2.27	19,667	\$0.159	\$0.009	0.71	3.72	\$0.00	\$0.00	88%	267	267	240	240	89%	100%	100%	84	4,034,249	\$89,072	\$1,873,174	795	4,440,824	\$79,566	\$1,685,807	CO-BUS-Light Fix