

Electric Product Checklist Technical Assumptions																																
Measure Description	High Efficiency Product Assumptions				Baseline Product Assumptions				Economic Assumptions				Equipment Output				Economic Assumptions				Program Forecast Inputs		Program Forecast Outputs									
	Efficient Product Description / Rating	Efficient Product Consumption (kWh/yr)	Efficient Hours of Operation (hrs/yr)	Baseline Product Description / Rating	Baseline Product Consumption (kWh/yr)	Baseline Hours of Operation (hrs/yr)	Measure Lifetime (years)	Relative Amount (\$)	Average Baseline Product Cost (\$)	Incremental Cost of Efficient Product (\$)	Assumed Energy Cost (\$/kWh)	Rate as a % of Incremental Cost (%)	Incremental Cost Payback Period (with Relative Price)	Incremental Cost Payback Period (w/ Relative Price)	Annual Generation kWh Savings (kWh/yr)	Relative Cost / Cost (\$/kWh Saved)	Relative Lifetime (w/ Cost (\$/kWh Saved))	Customer kWh Savings (kWh)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Cost-to-Benefit Factor (%)	2018 Participants (€)	2018 kWh (€)	WTE (%)	Installation Rate (%)	Penetration Rate (%)	2018 NET Gen kWh (MWh)	2018 NET Gen kWh (MWh)	2018 Net Incremental Cost (\$)	2019 Incremental Cost (\$)	Measure Load Shape
Average CFL	Average CFL	14.22	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$1.36	\$1.78	\$1.00	0.1000	100%	0.00	-0.000000007	20	\$0.045	\$0.000	0.00	0.00	\$0.00	\$0.00	100%	207,884	1,764,888	79%	100%	100%	0	0	\$0	\$0	COOLING-SP-111
Average CFL	Average CFL	14.22	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$1.36	\$1.78	\$1.00	0.1000	100%	0.00	-0.000000007	20	\$0.045	\$0.000	0.00	0.00	\$0.00	\$0.00	100%	207,884	1,764,888	79%	100%	100%	0	0	\$0	\$0	COOLING-SP-112
Average LED Bulb	Average LED Bulb	10.71	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$2.72	\$2.10	\$1.00	0.1000	100%	0.00	1.000000000	30	\$0.075	\$0.011	0.04	0.00	\$0.00	\$0.00	100%	207,884	1,764,888	81%	100%	100%	0	0	\$0	\$0	COOLING-SP-113
Average LED Bulb	Average LED Bulb	10.71	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$2.72	\$2.10	\$1.00	0.1000	100%	0.00	1.000000000	30	\$0.075	\$0.011	0.04	0.00	\$0.00	\$0.00	100%	207,884	1,764,888	81%	100%	100%	0	0	\$0	\$0	COOLING-SP-114
Average Vela LED Bulb	LED Bulb Performance	8.00	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$1.50	\$1.00	\$1.00	0.1000	100%	0.00	0.2277071024	30	\$0.040	\$0.007	0.03	0.00	\$0.00	\$0.00	100%	207,884	1,764,888	80%	100%	100%	0	0	\$0	\$0	COOLING-SP-115
Average Vela LED Bulb	LED Bulb Performance	8.00	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$1.50	\$1.00	\$1.00	0.1000	100%	0.00	0.000000000	175	\$0.038	\$0.000	0.00	0.00	\$0.00	\$0.00	100%	207,884	1,764,888	80%	100%	100%	0	0	\$0	\$0	COOLING-SP-116
Average CFL	Average CFL	14.22	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$1.36	\$1.78	\$1.00	0.1000	100%	0.00	-0.000000007	20	\$0.045	\$0.007	0.03	0.00	\$0.00	\$0.00	100%	0	0	79%	100%	100%	0	0	\$0	\$0	COOLING-SP-117
Average CFL	Average CFL	14.22	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$1.36	\$1.78	\$1.00	0.1000	100%	0.00	-0.000000007	20	\$0.045	\$0.000	0.00	0.00	\$0.00	\$0.00	100%	0	0	79%	100%	100%	0	0	\$0	\$0	COOLING-SP-118
Average LED Bulb	Average LED Bulb	10.71	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$2.72	\$2.10	\$1.00	0.1000	100%	0.00	1.000000000	30	\$0.075	\$0.011	0.04	0.00	\$0.00	\$0.00	100%	189,221	1,606,000	80%	100%	100%	2,735	31,078,702	\$3,507,680	\$0,428,431	COOLING-SP-119
Average LED Bulb	Average LED Bulb	10.71	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$2.72	\$2.10	\$1.00	0.1000	100%	0.00	1.000000000	30	\$0.075	\$0.011	0.04	0.00	\$0.00	\$0.00	100%	8,300	68,800	80%	100%	100%	2,335	11,578,722	\$2,501,301	\$358,884	COOLING-SP-120
Average Vela LED Bulb	LED Bulb Performance	8.00	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$1.50	\$1.00	\$1.00	0.1000	100%	0.00	0.1180140714	30	\$0.048	\$0.008	0.03	0.00	\$0.00	\$0.00	100%	100,146	8,301,000	80%	100%	100%	2,335	26,083,621	\$1,002,800	\$0,407,230	COOLING-SP-121
Average Vela LED Bulb	LED Bulb Performance	8.00	365	Average 100W Standard Incandescent A-Type Bulb	48.75	365	7.17	\$1.50	\$1.00	\$1.00	0.1000	100%	0.00	0.000000000	175	\$0.048	\$0.000	0.00	0.00	\$0.00	\$0.00	100%	8,300	68,800	80%	100%	100%	1,700	8,378,408	\$1,002,800	\$358,884	COOLING-SP-122