

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				Program Forecast Outputs				Program Forecast Outputs			
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/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 kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2014		2015		2016		NTG (%)	Installation Rate (%)	Realization Rate (%)	2014				2015				2016			
																								2014 Participants (-)	2014 Units (-)	2015 Participants (-)	2015 Units (-)	2016 Participants (-)	2016 Units (-)				2014 NET Gen kW (kW)	2014 NET Gen kWh (kWh)	2014 Rebate Budget (\$)	2014 Incremental Costs (\$)	2015 NET Gen kW (kW)	2015 NET Gen kWh (kWh)	2015 Rebate Budget (\$)	2015 Incremental Costs (\$)	2016 NET Gen kW (kW)	2016 NET Gen kWh (kWh)	2016 Rebate Budget (\$)	2016 Incremental Costs (\$)
TOTAL																								0	0	751	4,609	254	1,540						78	479,522	62,980	137,045	263	560,790	124,173	543,074		
Direct Install - CFL	Replace incandescent lamps with CFLs	5.0W/25-35 lumen E10/E17/E26	35	3000	1.6W/25-35 lumen E10/E17/E26	35	3000	10000	\$6.65	\$5	\$6.65	\$ 0.123	100%	0.62	0.00	115	\$0.08	\$0.01	0.165	0.014	\$0.00	\$0.00	0.00%	0	0	363	2,231	121	744	100%	100%	100%	0	0	\$0	\$0	32	276,815	\$19,300	\$19,300	11	92,272	\$6,433	\$6,433
Direct Install - LED	Replace incandescent lamps with LEDs	7.1W/25-35 lumen	35	3000	1.6W/25-35 lumen E10/E17/E26	35	3000	10000	\$9.80	\$5	\$9.80	\$ 0.123	100%	2.50	0.00	32	\$0.30	\$0.02	0.047	0.004	\$0.00	\$0.00	0.00%	0	0	363	2,231	121	744	100%	100%	100%	0	0	\$0	\$0	9	78,012	\$21,866	\$21,866	3	26,004	\$7,289	\$7,289
Direct Install - Low-Flow Showerhead	Provide Efficient Showerhead	Low Flow Showerhead 1.2 GPM	1.2GPM	3000	Standard Showerhead 2.5 GPM	2.5GPM	3000	10000	\$2.79	\$5	\$2.79	\$ 0.123	100%	0.05	0.00	421	\$0.01	\$0.00	0.000	0.000	\$0.00	\$0.00	0.00%	0	0	5	30	2	10	100%	100%	100%	0	0	\$0	\$0	0	13,592	\$83	\$83	0	4,531	\$28	\$28
Direct Install - Kitchen Faucet Aerator	Provide Efficient Kitchen Faucet Aerator	1.1 GPM low flow aerator	1.1GPM	30	Standard Kitchen Faucet 2.2 GPM	2.2GPM	30	10000	\$1.03	\$5	\$1.03	\$ 0.123	100%	0.16	0.00	52	\$0.02	\$0.00	0.000	0.000	\$0.01	\$0.00	0.00%	0	0	3	20	1	7	100%	100%	100%	0	0	\$0	\$0	0	1,106	\$20	\$20	0	369	\$7	\$7
Direct Install - Bathroom Faucet Aerator	Provide Efficient Bath Faucet Aerator	1.1 GPM low flow aerator	1.1GPM	15	Standard Bathroom Faucet 2.2 GPM	2.2GPM	30	10000	\$1.14	\$5	\$1.14	\$ 0.123	100%	0.11	0.00	89	\$0.01	\$0.00	0.000	0.000	\$0.00	\$0.00	0.00%	0	0	6	37	2	12	100%	100%	100%	0	0	\$0	\$0	0	3,544	\$42	\$42	0	1,181	\$14	\$14
Direct Install - Electric Water Heater Blanket	Water Heater Blanket	Best commercial blanket R-10, R-19, R-30	0	0.100	No blanket Insulation or water heater	0	100	0.100	\$22.50	\$5	\$20.50	\$ 0.123	100%	0.34	0.00	550	\$0.04	\$0.01	0.063	0.068	\$0.00	\$0.00	100%	0	0	7	43	2	14	100%	100%	100%	0	0	\$0	\$0	3	25,384	\$959	\$959	1	8,461	\$320	\$320
Direct Install - LED Exit Sign	Exit sign retrofit and replacement	10W	0	10000	Incandescent	40	10000	10000	\$8	\$5	\$68.00	\$ 0.093	100%	4.10	0.00	380	\$0.21	\$0.01	0.043	0.05	\$0.00	\$0.00	100.00%	0	0	3	17	1	6	100%	100%	100%	0	0	\$0	\$0	1	6,921	\$1,364	\$1,364	0	2,337	\$455	\$455
Energy Efficient Buildings	Average EEB Project	More Efficient than code building	10,000	1,000	More Efficient Building	10,000	1,000	30	\$25,795	\$5	\$104,067.00	\$ 0.090	21%	6.29	4.99	92,438	\$0.28	\$0.01	44.676	44.34	\$0.00	\$10,000.00	0%	0	0	1	1	4	4	100%	100%	100%	0	0	\$0	\$0	33	74,148	\$19,346	\$93,411	188	425,635	\$109,628	\$529,329