

ELECTRIC FORECAST SUMMARY

Electric Product Detailed Technical Assumptions																												Stipulated Forecast Inputs	
Measure Description		High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions					Stipulated Output								Economic Assumptions		Technical Assumption	2015		2016		Valid Throughout Filing Period	
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)	Gross Annual kWh Saved at Customer per Unit (kWh/yr)	Rebated Cost / Cust kWh Saved (\$/kWh)	Rebated Lifetime cost /Cust kWh Saved (\$/kWh)	Gross kW Saved at Customer per Unit (kW)	Gross Coincident kW Saved at Customer per Unit (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2015 Participants (-)	2015 Units (-)	2016 Participants (-)	2016 Units (-)	NTG (%)	Installation Rate (%)
TOTAL																								133	1,599	307	3,639		
Direct Install - CFL	Replace incandescent lamps with CFLs	8 CFLs (7-14 W, 900-1000 lumens)	80	3000	1 Incandescent Maximum Wattage Bulb	100	3000	14.00	\$8.65	\$0	\$8.65	\$ 0.118	100%	0.64	0.00	444	\$0.08	\$0.01	0.465	0.014	\$0.00	\$0.00	0.0%	363	2,234	421	744	100%	100%
Direct Install - CFL	Replace incandescent lamp with CFL	CFL lamp	10	3000.0	1 Federal Maximum Wattage Bulb	10	3000.0	14.00	\$2.16	\$0	\$2.16	\$ 0.118	100%	0.94	0.00	19	\$0.11	\$0.01	0.028	0.002	\$0.00	\$0.00	0.0%	184	2,218	418	5,040	100%	100%
Direct Install - LED	Replace incandescent lamps with LEDs	LED lamp 14.00 W 1,000 lumens	0	3000.0	1 Federal Maximum Wattage Bulb	10	3000.0	20.00	\$5.87	\$0	\$5.87	\$ 0.118	100%	2.11	0.00	24	\$0.25	\$0.01	0.034	0.003	\$0.00	\$0.00	0.0%	79	950	179	2,160	100%	100%
Direct Install - Low-Flow Showerhead	Provide Install Efficient Showerhead	Low Flow Showerhead Showerhead - 1.5 GPM	79	8,760	Federal Minimum Standard flow rate 2.5 GPM	131	8,760	10.00	\$4.27	\$0	\$4.27	\$ 0.118	100%	0.08	0.00	460	\$0.01	\$0.00	0.05256	0.03279	\$22.03	\$0.00	57.6%	17	202	38	460	100%	100%
Direct Install - Kitchen Faucet Aerator	Provide Install Efficient Kitchen Faucet Aerator	1.5 GPM flow rate aerator	13	8,760	Federal Minimum Standard flow rate 2.2 GPM	19	8,760	10.00	\$1.73	\$0	\$1.73	\$ 0.118	100%	0.28	0.00	52	\$0.03	\$0.00	0.006	0.007	\$2.30	\$0.00	105.6%	21	180	47	409	100%	100%
Direct Install - Bathroom Faucet Aerator	Provide Install Efficient Bath Faucet Aerator	1.0 GPM flow rate aerator	6	8,760	Federal Minimum Standard flow rate 2.2 GPM	13	8,760	10.00	\$0.62	\$0	\$0.62	\$ 0.118	100%	0.09	0.00	60	\$0.01	\$0.00	0.007	0.008	\$2.89	\$0.00	105.6%	15	248	34	562	100%	100%
Direct Install - Electric Water Heater Blanket	Install Water Heater Blanket	Add commercial Insulation wrap (R-8) around Water Heater Tank	20	8,760	No External Insulation on water heater	60	8,760	0.00	\$23.49	\$0	\$23.49	\$ 0.118	100%	0.57	0.00	346	\$0.07	\$0.01	0.03954	0.043	\$0.00	\$0.00	100.0%	1	9	2	20	100%	100%
Direct Install - LED Exit Sign	Exit sign retrofit and replacement	LED	2	8,760	Incandescent	46	8,760	18.00	\$23.03	\$0	\$23.03	\$ 0.068	100%	0.89	0.00	380	\$0.06	\$0.00	0.0433394	0.047	\$0.00	\$0.00	100.0%	1	10	2	23	100%	100%
Energy Efficient Buildings	Average EEB Project	More Efficient than Code Building	34,052	2,069	Code-Compliant Building	78,728	2,069	20	\$11,840	\$0	\$57,168	\$ 0.068	21%	9.07	7.19	92,438	\$0.13	\$0.01	44.676	44.913	\$0.00	\$0.00	92.8%	0	0	5	5	100%	100%