

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				Measure Load Shape
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 / Cust kWh Saved (\$/kWh)	Rebated Lifetime cost /Cust kWh Saved (\$/kWh)	Customer kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2020 Participants (-)	2020 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2020 NET Gen kW (kW)	2020 NET Gen kWh (kWh)	2020 Rebate Budget (\$)	2020 Incremental Costs (\$)	
TOTAL																								1,228	132,616				1,381	11,569,634	\$1,585,986	\$2,355,167	
Multifamily Audit	Audit Services	Multifamily Building Audit			None				\$106.15	\$0	\$106.15	\$0.03	100%	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	0.00000	0.00	\$0.00	\$0.00	0%	0	0	100%	100%	100%	0	0	\$0	\$0	CO-BUS-FLAT
Multifamily Audit	Audit Services	Multifamily Building Audit			None				\$201.50	\$0	\$201.50	\$0.03	100%	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	0.00000	0.00	\$0.00	\$0.00	0%	15	1,650	100%	100%	100%	0	0	\$332,474	\$332,474	CO-BUS-FLAT
Direct Install - LED	Replace incandescent lamps with LEDs	LED lamp	9.8	986	Average EISA Standard Halogen Bulb	45	986	5.00	\$5.39	\$0	\$5.39	\$0.12	100%	1.27	-	35	\$0.154	\$0.031	0.03557	0.00	\$0.00	\$0.00	13%	1,205	130,168	100%	100%	100%	643	4,876,936	\$701,269	\$701,269	CO-RES-MFLIT
Multifamily Showerhead	Provide new 1.5 gpm showerhead to replace existing 2.5 gpm showerhead in electric DHW heater	1.5 GPM Showerhead	94	8,760	2.5 GPM Showerhead	157	8,760	10.00	\$14.93	\$0	\$14.93	\$0.12	100%	0.16	-	550	\$0.027	\$0.003	0.06	0.04	\$29.53	\$0.00	64%	1	70	100%	100%	100%	3	41,336	\$1,051	\$1,051	CO-RES-SFMFLOW
Multifamily Kitchen Aerator	Provide Energy Efficient Kitchen Aerator - 1.5 GPM to replace existing 2.2 gpm aerator in home with electric DHW heater	1.5 GPM Kitchen Faucet Aerator	17	8,760	2.2 GPM Kitchen Faucet Aerator	25	8,760	10.00	\$5.20	\$0	\$5.20	\$0.12	100%	0.44	-	70	\$0.074	\$0.007	0.01	0.01	\$3.39	\$0.00	124%	0	26	100%	100%	100%	0	1,980	\$137	\$137	CO-RES-SFMFLOW
Multifamily Bathroom 1.0GPM Aerator	Provide Energy Efficient Bath Faucet Aerator - 1.0 GPM to replace existing 2.2 gpm aerator in home with electric DHW heater	1.0 GPM Bathroom Faucet Aerator	6	8,760	2.2 GPM Bathroom Faucet Aerator	14	8,760	10.00	\$4.17	\$0	\$4.17	\$0.12	100%	0.37	-	65	\$0.064	\$0.006	0.01	0.01	\$3.50	\$0.00	124%	0	33	100%	100%	100%	0	2,299	\$138	\$138	CO-RES-SFMFLOW
Multifamily Bathroom 0.5 GPM Aerator	Provide Energy Efficient Bath Faucet Aerator - 0.5 GPM to replace existing 2.2 gpm aerator in home with electric DHW heater	0.5 GPM Bathroom Faucet Aerator	3	8,760	2.2 GPM Bathroom Faucet Aerator	14	8,760	10.00	\$4.22	\$0	\$4.22	\$0.12	100%	0.26	-	92	\$0.046	\$0.005	0.01	0.01	\$4.96	\$0.00	124%	0	0	100%	100%	100%	0	0	\$0	\$0	CO-RES-SFMFLOW
Direct Install - LED Exit Sign	Exit sign retrofit	LED/LEC Exit Sign	2	8,760	Incandescent Exit Sign	37	8,760	20.00	\$24.78	\$0	\$24.78	\$0.06	100%	1.52	-	304	\$0.082	\$0.004	0.03	0.04	\$0.00	-\$0.80	100%	0	0	100%	100%	100%	0	0	\$0	\$0	CO-BUS-FLAT
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC & GAS	Energy Star Certified Thermostat	1,993	760	Rebate in programmable thermostat	4,351	760	10.00	\$12.60	\$0	\$12.60	\$0.28	100%	0.10	-	450	\$0.028	\$0.003	0.59	0.00	\$0.00	\$0.00	0%	0	20	100%	100%	100%	0	9,499	\$252	\$252	CO-BUS-FLAT_2007
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC ONLY	Energy Star Certified Thermostat	1,993	760	Rebate in programmable thermostat	4,351	760	10.00	\$14.26	\$0	\$14.26	\$0.28	100%	0.11	-	450	\$0.032	\$0.003	0.59	0.00	\$0.00	\$0.00	0%	0	6	100%	100%	100%	0	2,850	\$86	\$86	CO-BUS-FLAT_2007
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC & ELEC HEAT	Energy Star Certified Thermostat	1,993	1,901	Rebate in programmable thermostat	4,351	1,200	10.00	\$22.06	\$0	\$22.06	\$0.18	100%	0.16	-	754	\$0.030	\$0.003	0.59	0.00	\$0.00	\$0.00	0%	0	6	100%	100%	100%	0	4,779	\$136	\$136	CO-BUS-FLAT_2007
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - Combo Customer	Average Rebates on smart thermostat	910	973	Energy Rebates from rebates on smart thermostat	1,919	973	10.00	\$48.25	\$0	\$48.25	\$0.12	100%	6.87	-	58	\$0.830	\$0.083	0.10	0.08	\$0.00	\$0.00	70%	5	500	100%	100%	100%	42	31,055	\$24,123	\$24,123	CO-RES-FLAT_2007
Prescriptive or Custom Project	Average Project	More Efficient than Code Building	27,423	6,700	Code-Compliant Building	34,279	6,700	20.00	\$3,870	\$0	\$9,526	\$0.06	41%	3.39	2.01	45,934	\$0.084	\$0.004	6.86	5.09	-\$76.96	\$0.00	69%	1	136	100%	100%	100%	693	6,568,899	\$526,320	\$1,295,500	CO-BUS-FLAT