	Electric Product Detailed Technical Assumptions															Program Forecast Inputs				Stipul	lated Forecas	t Inputs	Program Forecast Outputs							7								
Measure	Description	High Efficiency Produc	Baseline Product Assumptions					E	Economic Assumptions				Stipulated Output							Economic Assumptions Technical Assumption		2	019	2020					2019				2020					
Electric Product Measure	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 (%)	Incremt'l Cost Payback Period w/o Rebate (yrs)	Incremt'l 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)		Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2019 Participants (-)	2019 Units (-)	2020 Participants	2020 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2019 NET Gen kW (kW)	2019 NET Gen kWh (kWh)	2019 Rebate Budget (\$) Cost (\$)				2020 Incremental Costs (\$)	Measure Load Shape
TOTAL																															14,517	53,834	\$603,094 \$209,3	44 15,15	7 68,588	5 \$818,791	\$435,041	
Residential AC Switch	Residential AC Switch	Utility load control with Smart Switch	0	1	No control, no switch	2,715	1	15.00	\$0	\$0	\$0	0.12075	#DIV/0!	0.00	0.00	4	\$0.000	\$0.000	2.72	1.02	\$0.00	\$0.00	34%	6,000	6,300	6,000	6,300	100%	100%	100%	6,448	26,917	\$0 \$0	6,44	8 26,91	7 \$0	\$0	CO-BUS-PEAK_CNT
Direct Install	Smart Thermostat - DR - Direct Install - Combo	Utility Load Control for control period with smart thermostat	0	1	No control, no smart thermostat	2,715	1	5.00	\$199	\$0	\$199	0.12075	100%	412.78	0.00	4	\$49.844	\$9.969	2.72	1.28	\$0.00	\$0.00	43%	1,000	1,050	300	315	100%	100%	100%	1,345	4,486	\$209,344 \$209,3	44 403	1,346	\$62,803	\$62,803	CO-BUS-PEAK_CNT
Direct Install	Smart Thermostat - DR - Direct Install - Electric Only	Utility Load Control for control period with smart thermostat	0	1	No control, no smart thermostat	2,715	1	5.00	\$234	\$0	\$234	0.12075	100%	483.74	0.00	4	\$58.413	\$11.683	2.72	1.28	\$0.00	\$0.00	43%	0	0	700	735	100%	100%	100%	0	0	\$0 \$0	941	3,140	\$171,735	\$171,735	CO-BUS-PEAK_CNT
Smart Thermostat - DR - BYOT	Smart Thermostat - DR - BYOT	Utility Load Control for control period with smart thermostat	0	1	No control, no smart thermostat	2,715	1	5.00	\$75	\$0	\$0	0.12075	#DIV/0!	0.00	-155.28	4	\$18.750	\$3.750	2.72	1.28	\$0.00	\$0.00	43%	5,000	5,250	5,000	5,250	100%	100%	100%	6,725	22,431	\$393,750 \$0	6,72	5 22,43	\$393,750	\$0	CO-BUS-PEAK_CNT
Multifamily Buildings - Smart Thermostat Direct Install	Smart Thermostat - DR - Direct Install - Multifamily	Utility Load Control for control period with smart thermostat	0	1	No control, no smart thermostat	946	1	5.00	\$144	\$0	\$144	0.12075	100%	852.97	0.00	1	\$102.998	\$20.600	0.95	0.45	\$0.00	\$0.00	43%	0	0	500	500	100%	100%	100%	0	0	\$0 \$0	223	744	\$71,787	\$71,787	CO-BUS-PEAK_CNT
Townhome and Duplex - Smart Thermostat Direct Install	Smart Thermostat - DR - Direct Install - Townhome - Combo	Utility Load Control for control period with smart thermostat	0	1	No control, no smart thermostat	1,728	1	5.00	\$205	0	\$205	0.12075	100%	665.60	0.00	3	\$80.372	\$16.074	1.73	0.82	\$0.00	\$0.00	43%	0	0	150	150	100%	100%	100%	0	0	\$0 \$0	122	408	\$30,688	\$30,688	CO-BUS-PEAK_CNT
Townhome and Duplex - Smart Thermostat Direct Install	Smart Thermostat - DR - Direct Install - Townhome - Electric Only	Utility Load Control for control period with smart thermostat	0	1	No control, no smart thermostat	1,728	1	5.00	\$234	0	\$234	0.12075	100%	760.17	0.00	3	\$91.792	\$18.358	1.73	0.82	\$0.00	\$0.00	43%	0	0	350	350	100%	100%	100%	0	0	\$0 \$0	285	952	\$81,778	\$81,778	CO-BUS-PEAK_CNT
Heat Pump Water Heater Load Shift & DR - First Year Enrollment Direct Install	HPWH Load Shift & DR control	Utility Load Control for daily tank temperature elevation and set back of smart water heater controls	1,494	1,816	No Control of HPWH with Comms Port	2,030	1,395	1.00	\$100	\$0	\$325	0.12075	31%	22.73	15.74	118	\$0.845	\$0.845	0.536	0.084	\$0.00	\$0.00	14.2%	0	0	50	50	100%	100%	100%	0	0	\$0 \$0	4	6,323	3 \$5,000	\$16,250	CO-RES-HPWH-DR-Load-
Heat Pump Water Heater Load Shift & DR - Follow on Annual Enrollment	HPWH Load Shift & DR control	Utility Load Control for daily tank temperature elevation and set back of smart water heater controls	1,494	1,816	No Control of HPWH with Comms Port	2,030	1,395	1.00	\$25	\$0	\$0	0.12075	#DIV/0!	0.00	-1.75	118	\$0.211	\$0.211	0.536	0.084	\$0.00	\$0.00	14.2%	0	0	0	50	100%	100%	100%	0	0	\$0 \$0	4	6,323	3 \$1,250	\$0	CO-RES-HPWH-DR-Load-