

Measure Description		Electric Product Detailed Technical Assumptions																				Program Forecast Inputs		Stipulated Forecast Inputs			Program Forecast Outputs				Measure Load Shape	
		High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions			Stipulated Output					Economic Assumptions		Technical Assumption	2020		2020			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 (%)	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 kWh Savings (kWh)	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 (\$)
Custom	Misc Custom measures	Misc Custom Measures	6,716	4,920	no controls	30,000	4,920	15	\$8,619	\$0	\$24,135	0.073	36%	3.15	2.03	104,728	\$0.082	\$0.005	21,28	22.39	\$0.00	\$0.00	97%	4,462	261,546	100%	100%	100%	448	2,212,530	\$172,380	\$482,691
Coil Cleaning Tune Up	Coil Cleaning Tune-Up Refrigerators	After Tune-Up	410	8,760	Before Tune-Up	441	8,760	1	\$10	\$0	\$10	0.056	67%	0.99	0.33	270	\$0.037	\$0.037	0.03	0.03	\$0.00	\$0.00	100%	0	0	100%	100%	100%	0	0	\$0	\$0
Coil Cleaning Tune Up	Coil Cleaning Tune-Up Freezers	After Tune-Up	652	8,760	Before Tune-Up	701	8,760	1	\$15	\$0	\$15	0.056	100%	0.62	-	430	\$0.035	\$0.035	0.05	0.05	\$0.00	\$0.00	100%	0	0	100%	100%	100%	0	0	\$0	\$0
Restroom Aerator	Sink Aerator - Restroom, Electric Water Heating	8 gallons per minute restroom faucet aerator	35	8,760	2.2 gallons per minute faucet	130	8,760	9	\$8	\$0	\$8	0.056	100%	0.08	-	828	\$0.010	\$0.001	0.09	0.00	\$35.78	\$0.00	1%	30	30	100%	100%	100%	0	26,225	\$240	\$240
Kitchen Aerator	Sink Aerator - Kitchen, Electric Water Heating	1.5 gallons per minute kitchen faucet aerator	122	8,760	2.2 gallons per minute faucet	176	8,760	9	\$8	\$0	\$8	0.056	100%	0.15	-	497	\$0.016	\$0.002	0.06	0.00	\$24.40	\$0.00	1%	23	23	100%	100%	100%	0	12,078	\$184	\$184
LED Ref and Frz Screw In Fixture Retrofit	LED Ref and Frz Screw In Fixture Retrofit	LED Screw-in Lamp	10	3,702	Halogen, Incandescent, or CFL Lamp	39	3,702	1	\$3	\$0	\$3	0.086	100%	0.34	-	109	\$0.029	\$0.004	0.03	0.02	\$0.00	\$0.00	75%	60	60	100%	100%	100%	1	6,891	\$189	\$189
Pre-Rinse Sprayer	CHW Pre-Rinse Sprayer - Electric Water Heating	1.25 gallons per minute sprayer	532	8,760	1.80 gallons per minute sprayer	655	8,760	5	\$45	\$0	\$45	0.056	100%	0.31	-	1,166	\$0.039	\$0.008	0.13	0.01	\$78.57	\$0.00	6%	15	15	100%	100%	100%	0	18,471	\$675	\$675
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC & GAS	Energy Star Certified Thermostat	5,943	765	Manual or programmable thermostat	6,531	765	10	\$13	\$0	\$13	0.283	100%	0.10	-	450	\$0.028	\$0.003	0.59	0.00	\$0.00	\$0.00	0%	15	45	100%	100%	100%	0	21,374	\$567	\$567
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC ONLY	Energy Star Certified Thermostat	5,943	765	Manual or programmable thermostat	6,531	765	10	\$14	\$0	\$14	0.283	100%	0.11	-	450	\$0.032	\$0.003	0.59	0.00	\$0.00	\$0.00	0%	5	15	100%	100%	100%	0	7,125	\$214	\$214
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC & ELEC HEAT	Energy Star Certified Thermostat	5,943	1,283	Manual or programmable thermostat	6,531	1,283	10	\$23	\$0	\$23	0.182	100%	0.16	-	754	\$0.030	\$0.003	0.59	0.00	\$0.00	\$0.00	0%	5	15	100%	100%	100%	0	11,949	\$340	\$340
Anti-Sweat Heater - Med Temp	Anti-Sweat Heater Controls, Medium Temperature Case	Anti-Sweat Heater Controls	4	8,760	Anti-Sweat Heaters running constantly	121	8,760	12	\$60	\$0	\$180	0.056	33%	3.11	2.08	1,029	\$0.058	\$0.005	0.12	0.12	\$0.00	\$0.00	97%	40	40	100%	100%	100%	5	43,485	\$2,400	\$7,200
Anti-Sweat Heater - Low Temp	Anti-Sweat Heater Controls, Low Temperature Case	Anti-Sweat Heater Controls	7	8,760	Anti-Sweat Heaters running constantly	236	8,760	12	\$60	\$0	\$180	0.056	33%	1.59	1.06	2,020	\$0.030	\$0.002	0.23	0.24	\$0.00	\$0.00	97%	15	15	100%	100%	100%	4	32,010	\$900	\$2,700
Closed Case Doors - Cooler	Retrofit of open multi-deck Cooler Cases with solid glass doors (per linear foot of case).	Closed Case with Doors	12	8,760	Open Case with No Doors	72	8,760	12	\$30	\$0	\$222	0.056	14%	7.56	6.54	522	\$0.057	\$0.005	0.06	0.06	\$0.00	\$0.00	100%	2	2	100%	100%	100%	0	1,103	\$60	\$443
Closed Case Doors - Freezer	Retrofit of open multi-deck Freezer Cases with solid glass doors (per linear foot of case).	Closed Case with Doors	38	8,760	Open Case with No Doors	218	8,760	12	\$75	\$0	\$330	0.056	23%	3.73	2.88	1,572	\$0.048	\$0.004	0.18	0.19	\$0.00	\$0.00	100%	2	2	100%	100%	100%	0	3,322	\$150	\$659
CO DCV - 5 to less than 7.5 HP	Demand Controlled Ventilation CO - 5 to less than 7.5 HP	Commercial kitchen ventilation hood with Demand Controlled Ventilation	10,547	5,069	Commercial kitchen ventilation hood without Demand Controlled Ventilation	14,160	5,069	20	\$1,250	\$0	\$4,077	0.072	31%	3.10	2.15	18,314	\$0.068	\$0.003	3.61	1.73	\$0.00	\$0.00	44%	6	6	100%	100%	100%	10	116,075	\$7,500	\$24,461
CO DCV - 7.5 HP or Greater	Demand Controlled Ventilation CO - 7.5 HP or Greater	Commercial kitchen ventilation hood with Demand Controlled Ventilation	14,597	5,069	Commercial kitchen ventilation hood without Demand Controlled Ventilation	19,587	5,069	20	\$1,298	\$0	\$3,942	0.072	23%	3.10	2.38	25,347	\$0.051	\$0.003	5.00	2.40	\$0.00	\$0.00	44%	6	6	100%	100%	100%	14	160,648	\$7,785	\$33,854
CO DCV - Less than 5 HP	Demand Controlled Ventilation CO - Less than 5 HP	Commercial kitchen ventilation hood with Demand Controlled Ventilation	4,219	5,069	Commercial kitchen ventilation hood without Demand Controlled Ventilation	5,664	5,069	20	\$500	\$0	\$1,631	0.072	31%	3.10	2.15	7,326	\$0.068	\$0.003	1.45	0.89	\$0.00	\$0.00	44%	6	6	100%	100%	100%	4	46,430	\$3,000	\$9,784
Dishwashers - Primary Fuel: Elec; Secondary Fuel: Elec	Commercial Dishwasher - Under Counter & Door, Electric w/ Electric Booster	ENERGY STAR qualified unit	2,827	6,570	Conventional unit as defined by ENERGY STAR	3,972	6,570	13	\$250	\$0	\$445	0.063	56%	0.65	0.28	7,519	\$0.033	\$0.003	1.14	1.06	\$212.53	\$0.00	96%	2	2	100%	100%	100%	2	15,886	\$500	\$890
Dishwashers - Primary Fuel: Elec; Secondary Fuel: Gas	Commercial Dishwasher - Under Counter & Door, Electric w/ Gas Booster	ENERGY STAR qualified unit	1,972	6,570	Conventional unit as defined by ENERGY STAR	2,794	6,570	13	\$125	\$0	\$380	0.063	33%	0.70	0.47	5,203	\$0.024	\$0.002	0.79	0.73	\$212.53	\$0.00	96%	2	2	100%	100%	100%	1	10,993	\$250	\$761
Dishwashers - Primary Fuel: Elec; Secondary Fuel: None	Commercial Dishwasher - Under Counter & Door, Electric No Booster	ENERGY STAR qualified unit	2,401	6,570	Conventional unit as defined by ENERGY STAR	3,624	6,570	13	\$250	\$0	\$25.00	0.063	1000%	0.02	(0.21)	9,349	\$0.027	\$0.002	1.42	1.32	\$490.16	\$0.00	96%	2	2	100%	100%	100%	3	19,751	\$500	\$50
Dishwashers - Primary Fuel: Gas; Secondary Fuel: Elec	CO-Commercial Dishwashers (Door & Under Counter- Gas w/ Electric Booster)	ENERGY STAR qualified unit	1,330	6,570	Conventional unit as defined by ENERGY STAR	1,857	6,570	13	\$125	\$0	\$359.58	0.063	35%	0.83	0.54	3,465	\$0.036	\$0.003	0.53	0.49	\$212.53	\$0.00	96%	2	2	100%	100%	100%	1	7,320	\$250	\$719
EC Motors - Display Case	ECM - Medium Temp Display Case	Electronically Commutated Motor (ECM)	24	8,672	Shaded Pole Motor	72	8,672	15	\$40	\$0	\$141	0.056	28%	6.03	4.31	414	\$0.097	\$0.006	0.05	0.05	\$0.00	\$0.00	99%	15	15	100%	100%	100%	1	6,563	\$600	\$2,111
EC Motors - Display Case	ECM - Low Temp Display Case	Electronically Commutated Motor (ECM)	26	8,672	Shaded Pole Motor	84	8,672	15	\$40	0	\$141	0.056	28%	5.11	3.66	489	\$0.082	\$0.005	0.06	0.06	\$0.00	\$0.00	99%	10	10	100%	100%	100%	1	5,161	\$400	\$1,407
EC Motors - Walk in Cooler	ECM - Medium Temp Walk-in, Evap fan <= 15" Diameter	Electronically Commutated Motor (ECM)	44	8,585	Shaded Pole Motor	137	8,585	15	\$70	0	\$269	0.057	26%	5.99	4.43	793	\$0.088	\$0.006	0.09	0.10	\$0.00	\$0.00	98%	65	65	100%	100%	100%	6	54,456	\$4,550	\$17,486
EC Motors - Walk in Cooler	ECM - Low Temp Walk-in, Evap fan <= 15" Diameter	Electronically Commutated Motor (ECM)	52	8,585	Shaded Pole Motor	161	8,585	15	\$70	0	\$269	0.057	26%	5.08	3.76	936	\$0.075	\$0.005	0.11	0.12	\$0.00	\$0.00	98%	45	45	100%	100%	100%	5	44,473	\$3,150	\$12,105
LED Ref and Frz Cases 5' or 6' doors	LED Ref and Frz Cases 5' or 6' doors	LED Case Lighting	26	6,233	Fluorescent System	76	6,233	20	\$45	0	\$164	0.065	27%	7.78	5.64	324	\$0.139	\$0.007	0.05	0.05	\$0.00	\$0.00	96%	20	20	100%	100%	100%	1	6,848	\$900	\$3,275
Medium Temperature Reach-In Case	Medium-temp Enclosed Reach-In Case (per linear foot)	Medium-temp Reach-In Cases with Doors	21	8,760	Medium-temp Open Reach-In Cases	132	8,760	15	\$70	0	\$696	0.056	10%	12.59	11.31	970	\$0.072	\$0.005	0.11	0.12	\$0.00	\$0.00	100%	0	0	100%	100%	100%	0	0	\$0	\$0
New Medium-temp Enclosed Reach-In Case	New Medium-temp Enclosed Reach-In Case (per linear foot)	New Medium-temp Reach-In Cases with Doors	21	8,760	New Medium-temp Open Reach-In Cases	132	8,760	15	\$70	349	\$338	0.056	21%	6.19	4.91	970	\$0.072	\$0.005	0.11	0.12	\$0.00	\$0.00	100%	10	10	100%	100%	100%	1	10,251	\$700	\$3,378
No Heat Case Doors	No Heat Case Doors Cooler	No Heat Case Doors	0	8,760	Anti-Sweat Heaters running constantly	121	8,760	10	\$85	0	\$275	0.056	31%	4.62	3.19	1,061	\$0.080	\$0.008	0.12	0.13	\$0.00	\$0.00	100%	15	15	100%	100%	100%	2	16,813	\$1,275	\$4,125
No Heat Case Doors	No Heat Case Doors Freezer	No Heat Case Doors	0	8,760	Anti-Sweat Heaters running constantly	236	8,760	10	\$75	0	\$900	0.056	9%	6.84	6.20	2,082	\$0.036	\$0.004	0.24	0.26	\$0.00	\$0.00	100%	10	10	100%	100%	100%	3	21,989	\$750	\$8,000
Refrigerated Case Night Curtain	Night Curtains for Reach-In Cases (per linear foot)	Night Curtains on Cases	120	1,825	Open Reach-In Cases	120	3,820	4	\$20	0	\$42	0.034	48%	30.89	16.18	131	\$0.153	\$0.038	0.00	0.00	\$3.16	\$0.00	9%	0	0	100%	100%	100%	0	0	\$0	\$0