	Gas Product Detailed Technical Assumptions																	Program Fo	recast Inputs	outs Stipulated Forecast Inputs				Program Forecast Outputs			
	Measure Description	High Efficiency Product As	sumptions	Baseline Product Assumptions			Economic Assumptions				Stipulated Output					Economic Assumption		2	1020	Valid 1	Valid Throughout Filing Period			2020			
Natural Gas Product Measure	Natural Gas Measure Description	High Efficiency Product Description / Rating	High Efficiency Product Consumption (Dth/yr)	Baseline Product Description / Rating	Baseline Product Consumption (Dth/yr)	Life of Product (years)	Average Rebate Amount	Average Baseline Product Cost	Average Incremental Cost of Efficient Product	Assumed Energy Cos (\$/Dth)	Rebate as a % of Incremental Cost	Incremt'I Cost Payback Period w/o Rebate	Incremt'I Cost Payback Period with Rebate	Average Annual Customer Dth Savings	Average rebated cost per Dth Saved	Average rebated Lifetime cost per Dth Saved	Non-Energ O&M Savings	Energy O&M Savings	2020 Participants	s 2020 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2020 NET Dth (Dth)	2020 Rebate Budget (\$)	2020 Incremental Cost (\$)	
TOTAL Pre-Rinse Sprayer	CHW Pre-Rinse Sprayer - Gas Water Heating	1.28 gallons per minute sprayer	19	1.60 gallons per minute sprayer	24	5	\$45	\$0	\$45	\$5.24	100%	0.43	0.00	4.87	\$9.24	\$1.85	\$79	\$0	6	6	100%	100%	100%	5,830 29	\$22,580 \$270	\$130,778 \$270	
Restroom Aerator	Faucet Aerator - Restroom, Gas Water Heating	.5 gallons per minute restroom	1	2.2 gallons per minute faucet	5	9	\$8	\$0	\$8	\$5.24	100%	0.11	0.00	3.46	\$2.31	\$0.26	\$56	\$0	21	21	100%	100%	100%	73	\$168	\$168	
Kitchen Aerator	Faucet Aerator - Kitchen, Gas Water Heating	1.5 gallons per minute kitchen faucet aerator	4	2.2 gallons per minute faucet	7	9	\$8	\$0	\$8	\$5.24	100%	0.23	0.00	2.08	\$3.85	\$0.43	\$24	\$0	5	5	100%	100%	100%	10	\$40	\$40	
Energy Star Smart Thermostat	Install Energy Star certified smart thermostat - AC & GAS	Energy Star Rated Thermostat	70	Manual or programmable thermostat	74	10	\$20	\$ 0	\$20	\$5.24	100%	0.87	0.00	4.45	\$4.57	\$0.46	\$0	\$0	15	45	100%	100%	100%	200	\$914	\$914	
Closed Case Doors - Cooler	Retrofit of open multi-deck Cooler Cases with solid glass doors (per linear foot of case). Combo customer.	Closed Case with Doors	1	Open Case with No Doors	8	12	\$50	\$0	\$276	\$5.24	18%	8.02	6.57	6.57	\$7.61	\$0.63	\$0	\$0	1	1	100%	100%	100%	7	\$50	\$276	
Closed Case Doors - Freezer	Retrofit of open multi-deck Freezer Cases with solid glass doors (per linear foot of case). Combo Customer.	Closed Case with Doors	2	Open Case with No Doors	10	12	\$75	\$0	\$168	\$5.24	45%	3.96	2.19	8.11	\$9.25	\$0.77	\$0	\$0	1	1	100%	100%	100%	8	\$75	\$168	
CO DCV - 5 to less than 7.5 HP	Demand Controlled Ventilation CO - 5 to less than 7.5 HP	Commercial kitchen ventilation hoods with Demand Controlled Ventilation	2934	Commercial kitchen ventilation hoods without Demand Controlled Ventilation	3358	20	\$1,563	\$0	\$10,200	\$5.24	15%	4.58	3.88	424.77	\$3.68	\$0.18	\$0	\$0	4	4	100%	100%	100%	1,699	\$6,250	\$40,799	
CO DCV - 7.5 HP or Greater	Demand Controlled Ventilation CO - 7.5 HP or Greater	Commercial kitchen ventilation hoods with Demand Controlled Ventilation	4060	Commercial kitchen ventilation hoods without Demand Controlled Ventilation	4648	20	\$2,163	\$0	\$14,117	\$5.24	15%	4.58	3.88	587.88	\$3.68	\$0.18	\$0	\$0	5	5	100%	100%	100%	2,939	\$10,813	\$70,583	
CO DCV - Less than 5 HP	Demand Controlled Ventilation CO - Less than 5 HP	Commercial kitchen ventilation hoods with Demand Controlled Ventilation	1173	Commercial kitchen ventilation hoods without Demand Controlled Ventilation	1343	20	\$625	\$0	\$4,080	\$5.24	15%	4.58	3.88	169.91	\$3.68	\$0.18	\$0	\$0	4	4	100%	100%	100%	680	\$2,500	\$16,320	
Dishwashers - Primary Fuel: Elec; Secondary Fuel: Gas	CO-Commercial Dishwashers (Door & Under Counter- Electric w/ Gas Booster)	ENERGY STAR qualified unit	23	Conventional unit as defined by ENERGY STAR	33	13	\$125	\$0	\$65	\$5.24	193%	0.25	-0.23	9.68	\$12.91	\$1.03	\$213	\$0	2	2	100%	100%	100%	19	\$250	\$129	
Dishwashers - Primary Fuel: Gas; Secondary Fuel: Elec	CO-Commercial Dishwashers (Door & Under Counter- Gas w/ Electric Booster)	ENERGY STAR qualified unit	41	Conventional unit as defined by ENERGY STAR	58	6	\$125	\$0	\$85	\$5.24	146%	0.28	-0.13	16.94	\$7.38	\$1.18	\$213	\$0	2	2	100%	100%	100%	34	\$250	\$171	
Dishwashers - Primary Fuel: Gas; Secondary Fuel: Gas	CO-Commercial Dishwashers (Door & Under Counter- Gas w/ Gas Booster)	ENERGY STAR qualified unit	65	Conventional unit as defined by ENERGY STAR	91	3	\$250	\$0	\$445	\$5.24	56%	1.26	0.55	26.62	\$9.39	\$3.00	\$213	\$0	2	2	100%	100%	100%	53	\$500	\$890	
Dishwashers - Primary Fuel: Gas; Secondary Fuel: None	CO-Commercial Dishwashers (Door & Under Counter- Gas No Booster)	ENERGY STAR qualified unit	55	Conventional unit as defined by ENERGY STAR	94	2	\$250	\$0	\$25	\$5.24	1000%	0.04	-0.32	39.08	\$6.40	\$3.07	\$490	\$0	2	2	100%	100%	100%	78	\$500	\$50	