Customer Class	Measure Type	Measure Name	Summer Peak (MW)	Winter Peak (MW)	Annual Energy (GWh)
		Technical Potential – Measure Savings			
Residential	Electronics	Smart Power Strip	2	1	14
Residential	Electronics	ENERGY STAR TV	7	4	33
Residential	Domestic Hot Water	Water Heater Timeclock	0	0	15
Residential	Domestic Hot Water	Water Heater Thermostat Setback (temperature check card)	0	0	0
Residential	Domestic Hot Water	Water Heater Blanket	2	3	18
Residential	Domestic Hot Water	Thermostatic Shower Restriction Valve	0	0	1
Residential	Domestic Hot Water	Low Flow Showerhead	2	5	24
Residential	Domestic Hot Water	Hot Water Pipe Insulation	1	2	11
Residential	Domestic Hot Water	Heat Trap	1	1	6
Residential	Domestic Hot Water	Faucet Aerator	0	1	5
Residential	Domestic Hot Water	Drain Water Heat Recovery	1	3	16
Residential	Domestic Hot Water	Solar Water Heater	22	3	298
Residential	HVAC	Wall Insulation	22	16	29
Residential	HVAC	Storm Door	0	0	0
Residential	HVAC	Spray Foam Insulation (Base: R30)	91	54	179
Residential	HVAC	Spray Foam Insulation (Base: R2)	234	90	365
Residential	HVAC	Spray Foam Insulation (Base: R19)	21	12	38
Residential	HVAC	Spray Foam Insulation (Base: R12)	71	39	127
Residential	HVAC	Smart Thermostats	0	0	70
Residential	HVAC	Sealed crawlspace	0	1	1
Residential	HVAC	Radiant Barrier	5	2	7
Residential	HVAC	Programmable Thermostat	0	0	1
Residential	HVAC	HVAC ECM Motor	0	2	1
Residential	HVAC	Home Energy Management System	7	3	7
Residential	HVAC	Heat Pump Tune Up	0	0	0
Residential	HVAC	Green Roof	1	1	2
Residential	HVAC	Floor Insulation	0	0	0
Residential	HVAC	ENERGY STAR Windows	69	21	136
Residential	HVAC	ENERGY STAR Door	10	4	17
Residential	HVAC	ENERGY STAR Certified Roof Products	181	65	250
Residential	HVAC	Duct Repair	130	38	164
Residential	HVAC	Duct Insulation	0	0	0
Residential	HVAC	Ceiling Insulation (R30 to R38)	0	1	1
Residential	HVAC	Ceiling Insulation (R2 to R38)	19	10	31
Residential	HVAC	Ceiling Insulation (R19 to R38)	1	1	2
Residential	HVAC	Ceiling Insulation (R12 to R38)	5	3	8
Residential	HVAC	Air Sealing/Infiltration Control	89	30	120
Residential	HVAC	Solar Attic Fan	1	0	4
Residential	HVAC	Window Sun Protection	27	-42	61
Residential	HVAC	Central AC Tune Up	0	0	0
Residential	HVAC	Variable Refrigerant Flow (VRF) HVAC Systems	1	4	5
Residential	HVAC	ENERGY STAR Room AC	2	0	4
Residential	Appliances	Removal of 2nd Refrigerator/Freezer	4	4	37
Residential	Appliances	ENERGY STAR Refrigerator	18	16	154
Residential	Cooking	High-Efficiency Induction Cooktop	12	2	28
Residential	Miscellaneous	Variable Speed Pool Pump	29	32	191
Residential	Miscellaneous	Two Speed Pool Pump	0	0	0
Residential	Miscellaneous	Solar Powered Pool Pumps	0	0	0
Residential	Miscellaneous	Solar Pool Heater	0	0	49
Residential	Miscellaneous	Heat Pump Pool Heater	0	0	145
Residential	Domestic Hot Water	Instantaneous Hot Water System	0	0	0
Residential	Cooking	High Efficiency Convection Oven	10	2	23
Residential	Electronics	ENERGY STAR Audio/Video Equipment	0	0	53
Residential	Miscellaneous	ENERGY STAR Dehumidifier	1	0	4
Residential	Lighting	Interior Lighting Controls	1	1	6
Residential	Lighting	Exterior Lighting Controls	0	0	1
Residential	Lighting	LED -5W Chandelier	1	1	13
Residential	Lighting	LED - 9W Flood	31	32	348
Residential	Lighting	LED - 14W	22	23	252
Residential	Lighting	Low Wattage T8 Fixture	0	0	0
Residential	Lighting	Linear LED	0	0	78
Residential	Electronics	ENERGY STAR Personal Computer	15	3	95
Residential	Electronics	ENERGY STAR Imaging Equipment	0	0	2
Residential	HVAC	Ground Source Heat Pump (GSHP)	2	1	2
Residential	HVAC	21 SEER Air Source Heat Pump from base electric resistance heating	400	380	793

Residential	HVAC	21 SEER Air Source Heat Pump	364	530	829
Residential	HVAC	14 SEER Air Source Heat Pump from base electric resistance heating	0	0	0
Residential	HVAC	18 SEER Air Source Heat Pump	0	0	0
Residential	HVAC	17 SEER Air Source Heat Pump	0	0	0
Residential	HVAC	16 SEER Air Source Heat Pump	0	0	0
Residential	HVAC	15 SEER Air Source Heat Pump	0	0	0
Residential	Domestic Hot Water	Heat Pump Water Heater	29	89	324
Residential	Appliances	ENERGY STAR Freezer	0	0	3
Residential	Miscellaneous	ENERGY STAR Ceiling Fan	0	0	43
Residential	Miscellaneous	ENERGY STAR Bathroom Ventilating Fan	1	5	33
Residential	Lighting	LED - 9W Flood (Exterior)	0	0	22
Residential	Lighting	CFL - 15W Flood (Exterior)	0	0	0
Residential	Appliances	ENERGY STAR Dishwasher	0	0	4
Residential	Appliances	ENERGY STAR Clothes Washer	6	2	21
Residential	Appliances	Heat Pump Clothes Dryer	16	9	111
Residential	Appliances	ENERGY STAR Clothes Dryer	8	4	53
Residential	HVAC	21 SEER Central AC	235	0	460
Residential	HVAC	18 SEER Central AC	0	0	0
Residential	HVAC	17 SEER Central AC	0	0	0
Residential	HVAC	16 SEER Central AC	0	0	0
Residential	HVAC	15 SEER Central AC	0	0	0
Residential	Electronics	ENERGY STAR Air Purifier / Cleaner	6	4	46
Commercial	Multiple	Retro-Commissioning	71	126	318
Commercial	Refrigeration	Strip Curtains for Walk-ins	0	0	0
Commercial	Refrigeration	Refrigerated Display Case Lighting Controls	0	0	1
Commercial	Refrigeration	PSC to ECM Evaporator Fan Motor (Walk-In, Refrigerator)	1	1	10
Commercial	Refrigeration	PSC to ECM Evaporator Fan Motor (Reach-In)	1	1	11
Commercial	Refrigeration	Night Covers for Display Cases	0	0	1
Commercial	Refrigeration	High R-Value Glass Doors	2	1	17
Commercial	Refrigeration	High Efficiency Refrigeration Compressor	1	0	4
Commercial	Refrigeration	Freezer-Cooler Replacement Gaskets	0	0	3
Commercial	Refrigeration	Floating Head Pressure Controls	0	0	1
Commercial	Refrigeration	Demand Defrost	4	1	28
Commercial	Refrigeration	Automatic Door Closer for Walk-in Coolers and Freezers	0	0	2
Commercial	Refrigeration	Anti-Sweat Controls	3	3	33
Commercial	Refrigeration	Energy Star Vending Machine	4	2	25
Commercial	Refrigeration	Energy Star Ice Maker	1	1	9
Commercial	Exterior Lighting	Outdoor Lighting Controls	0	0	48
Commercial	Exterior Lighting	Bi-Level Lighting Control (Exterior)	0	0	20
Commercial	Exterior Lighting	LED Traffic and Crosswalk Lighting	0	0	0
Commercial	Exterior Lighting	LED Street Lights	0	0	0
Commercial	Cooking	Energy Star Steamer	0	0	0
Commercial	Exterior Lighting	LED Exterior Lighting	0	0	0
Commercial	Lighting	LED - 9W Flood	0	0	0
Commercial	Lighting	CFL - 15W Flood	0	0	0
Commercial	Lighting	Interior Lighting Controls	0	0	57
Commercial	Interior Lighting	Bi-Level Lighting Control (Interior)	1	0	115
Commercial	Interior Lighting	Facility Energy Management System	10	2	45
Commercial	Interior Lighting	LED Display Lighting (Interior)	0	0	0
Commercial	Lighting	LED - 14W	0	0	0
Commercial	Interior Lighting	CFL-23W	0	0	0
Commercial	Office Equipment	Smart Strip Plug Outlet	0	0	3
Commercial	Office Equipment	Network PC Power Management	1	1	7
Commercial	Office Equipment	Server Virtualization	1	1	5
Commercial	Office Equipment	Energy Star Servers	0	0	1
Commercial	Office Equipment	High Efficiency Data Center Cooling	0	0	0
Commercial	HVAC	Window Sun Protection	17	0	43
Commercial	HVAC	Waterside Economizer	1	0	3
Commercial	HVAC	Smart Thermostat	12	1	97
Commercial	HVAC	Programmable Thermostat	0	0	0
Commercial	HVAC	Low U-Value Windows	37	0	104
Commercial	HVAC	HVAC tune-up_RTU	0	0	0
Commercial	HVAC	HVAC tune-up	0	0	0
Commercial	HVAC	Green Roof	0	0	0
Commercial	Multiple	Facility Commissioning	1	0	4
Commercial	HVAC	Energy Recovery Ventilation System (ERV)	156	6	91
Commercial	HVAC	Duct Sealing Repair	8	2	46
Commercial	HVAC	Dedicated Outdoor Air System on VRF unit	0	1	3
Commercial	HVAC	Cool Roof	11	0	29
Commercial	HVAC	Chilled Water System - Variable Speed Drives	9	0	81
Commercial	HVAC	Chilled Water Controls Optimization	4	0	12
Commercial	HVAC	Ceiling Insulation(R2 to R38)	0	0	15

Commercial	HVAC	Ceiling Insulation(R12 to R38)	0	0	1
Commercial	HVAC	Airside Economizer	-1	0	4
Commercial	HVAC	Wall Insulation	3	0	36
Commercial	HVAC	Roof Insulation	4	0	29
Commercial	HVAC	Floor Insulation	0	0	1
Commercial	HVAC	Duct Insulation	2	0	6
Commercial	HVAC	Ceiling Insulation(R19 to R38)	0	0	0
Commercial	HVAC	Geothermal Heat Pump	0	0	1
Commercial	HVAC	Variable Refrigerant Flow (VRF) HVAC Systems	1	2	9
Commercial	HVAC	High Efficiency PTHP	0	0	0
Commercial	HVAC	High Efficiency PTAC	0	0	0
Commercial	HVAC	Water Cooled Refrigeration Heat Recovery	0	0	1
Commercial	HVAC	Warehouse Loading Dock Seals	0	0	0
Commercial	HVAC	Infiltration Reduction - Air Sealing	0	0	0
Commercial	HVAC	ECM Motors on Furnaces	0	0	0
Commercial	HVAC	Destratification Fans	0	0	0
Commercial	HVAC	Ceiling Insulation(R30 to R38)	0	0	0
Commercial	HVAC	Air Curtains	0	0	0
Commercial	HVAC	Hotel Card Energy Control Systems	0	0	5
Commercial	Appliances	Energy Star Refrigerator	2	2	18
Commercial	Miscellaneous	VSD Controlled Compressor	9	4	58
Commercial	Miscellaneous	Regenerative Drive Elevator Motor	0	0	1
Commercial	Miscellaneous	Engine Block Timer	0	0	10
Commercial	Miscellaneous	Efficient Motor Belts	0	0	1
Commercial	Miscellaneous	Variable Speed Pool Pump	0	0	1
Commercial	Miscellaneous	Solar Powered Pool Pump	0	0	0
Commercial	Miscellaneous	Solar Pool Heater	0	0	0
Commercial	Miscellaneous	Heat Pump Pool Heater	0	0	3
Commercial	HVAC	High Efficiency DX 135k- less than 240k BTU	27	0	68
Commercial	Interior Lighting	Premium T8 - Lamp Replacement	0	0	0
Commercial	Interior Lighting	Premium T8 - Fixture Replacement	0	0	0
Commercial	Interior Lighting	LED Linear - Lamp Replacement	12	1	52
Commercial	Interior Lighting	LED Linear - Fixture Replacement	84	13	355
Commercial	Cooking	Energy Star Commercial Oven	0	0	2
Commercial	Miscellaneous	ENERGY STAR Water Cooler	2	2	10
Commercial	Miscellaneous	ENERGY STAR Commercial Clothes Washer	2	2	27
Commercial	Miscellaneous	Efficient Battery Charger	16	0	29
Commercial	Office Equipment	Energy Star Uninterruptable Power Supply	0	0	1
Commercial	Ventilation and Circulation	VAV System	5	5	17
Commercial	Ventilation and Circulation	Demand Controlled Ventilation	6	36	62
Commercial	Ventilation and Circulation	CO Sensors for Parking Garage Exhaust	0	0	2
Commercial	Ventilation and Circulation	High Speed Fans	0	0	0
Commercial	Ventilation and Circulation	10HP Open Drip-Proof(ODP) Motor	0	0	0
Commercial	Interior Lighting	High Bay LED	47	46	253
Commercial	Interior Lighting	High Bay Fluorescent (T5)	0	0	0
Commercial	Cooking	Energy Star Fryer	0	0	1
Commercial	Exterior Lighting	LED Parking Lighting	0	0	41
Commercial	Exterior Lighting	High Efficiency HID Lighting	0	0	0
Commercial	Exterior Lighting	LED Display Lighting (Exterior)	0	0	0
Commercial	Electronics	ENERGY STAR Imaging Equipment	2	1	16
Commercial	HVAC	High Efficiency Chiller (Air Cooled, 50 tons)	4	0	13
Commercial	HVAC	High Efficiency Chiller (Water cooled-positive displacement, 100 tons)	1	0	4
Commercial	HVAC	High Efficiency Chiller (Water cooled-centrifugal, 200 tons)	2	0	6
Commercial	Refrigeration	Refrigerated Display Case LED Lighting	0	0	0
Commercial	Refrigeration	Energy Star Commercial Solid Door Refrigerator	11	5	72
Commercial	Refrigeration	Energy Star Commercial Solid Door Freezer	6	3	40
Commercial	Refrigeration	Energy Star Commercial Glass Door Refrigerator	0	0	0
Commercial	Refrigeration	Energy Star Commercial Glass Door Freezer	0	0	0
Commercial	Cooking	Induction Cooktops	0	0	1
Commercial	Cooking	Efficient Exhaust Hood	1	0	5
Commercial	Cooking	Energy Star Hot Food Holding Cabinet	3	1	14
Commercial	Cooking	Energy Star Griddle	1	0	4
Commercial	Office Equipment	Energy Star PCs	1	1	10
Commercial	Domestic Hot Water	Thermostatic Shower Restriction Valve	0	1	3
Commercial	Domestic Hot Water	Tank Wrap on Water Heater	0	0	1
Commercial	Domestic Hot Water	Low-Flow Pre-Rinse Sprayers	0	0	1
Commercial	Domestic Hot Water	Low Flow Shower Head	0	0	1
Commercial	Domestic Hot Water	Hot Water Pipe Insulation	0	0	1
Commercial	Domestic Hot Water	Hot Water Circulation Pump Control	0	0	3
Commercial	Domestic Hot Water	Faucet Aerator	0	0	0

Commercial	Domestic Hot Water	Drain Water Heat Recovery	0	0	0
Commercial	Domestic Hot Water	Solar Water Heater	2	0	21
Commercial	Domestic Hot Water	Heat Pump Water Heater	3	8	30
Commercial	Domestic Hot Water	Energy Star Commercial Dishwasher	1	0	7
Commercial	Domestic Hot Water	Instantaneous Hot Water System	0	0	1
Commercial	Miscellaneous	Two Speed Pool Pump	0	0	0
Commercial	HVAC	Thermal Energy Storage	30	9	-5
Industrial	Process Specific	Process Other Systems Optimization	0	0	3
Industrial	Process Specific	Plant Energy Management	15	15	112
Industrial	Process Heating	Process Heat System Optimization	1	1	5
Industrial	Process Heating	Process Heat Improved Controls	0	0	2
Industrial	Process Cooling	Process Refrig System Optimization	1	1	8
Industrial	Process Cooling	Process Refrig Controls	0	0	2
Industrial	Process Cooling	Process Refrig Equipment Upgrade	1	1	5
Industrial	Motors Pumps	Pump System Optimization	2	2	19
Industrial	Motors Pumps	Pump Improved Controls	0	0	3
Industrial	Motors Pumps	Motor Optimization	4	4	31
Industrial	Motors Pumps	Motor Improved Controls	0	0	3
Industrial	Motors Pumps	Pump Equipment Upgrade	3	3	23
Industrial	Motors Pumps	Motor Equipment Upgrades	1	1	7
Industrial	Motors Fans Blowers	Fan Improved Controls	3	3	25
Industrial	Motors Fans Blowers	Fan Equipment Upgrades	1	1	10
Industrial	Industrial Lighting	Lighting Controls	1	1	9
Industrial	Industrial Lighting	Efficient Lighting - Other Interior Lighting	5	5	38
Industrial	Industrial Lighting	Efficient Lighting - High Bay	5	5	35
Industrial	HVAC	HVAC Recommissioning	2	2	11
Industrial	HVAC	HVAC Improved Controls	2	2	11
Industrial	HVAC	Building Envelope Improvements	2	2	15
Industrial	HVAC	HVAC Equipment Upgrades	3	3	22
Industrial	Exterior Lighting	Lighting Controls - Exterior	0	0	1
Industrial	Exterior Lighting	Efficient Lighting - Exterior	0	0	3
Industrial	Compressed Air	Compressed Air System Optimization	2	1	11
Industrial	Compressed Air	Compressed Air Controls	2	2	13
Industrial	Compressed Air	Compressed Air Equipment	4	4	30
Industrial	Process Heating	Process Heat Equipment Upgrade	2	2	18
Industrial	Motors Fans Blowers	Fan System Optimization	3	2	19
Industrial	Process Specific	Process Other Equipment Upgrades	0	0	0
DR Residential	Direct Load Control	Central air conditioner - Load Shed	1,434.42	2,626.50	0.00
Residential	Direct Load Control	Central Heating - Load Shed			
Residential	Direct Load Control	Central air conditioner - 50% cycling			
Residential	Direct Load Control	Central Heating - 50% cycling			
Residential	Direct Load Control	Water heater switches			
Residential	Direct Load Control	Pool pump switches			
Residential	Direct Load Control	Room AC control			
Residential	Direct Load Control	Smart thermostats - Utility Installation			
Residential	Direct Load Control	Smart thermostats - BYOT			
Residential	Pricing	CPP + Tech			
Small C&I	Direct Load Control	Central air conditioner - Load Shed	103.58	72.97	0.00
Small C&I	Direct Load Control	Central Heating - Load Shed			
Small C&I	Direct Load Control	Central air conditioner - 50% cycling			
Small C&I	Direct Load Control	Central Heating - 50% cycling			
Small C&I	Direct Load Control	Smart thermostats - Utility Installation			
Small C&I	Direct Load Control	Smart thermostats - BYOT			
Small C&I	Pricing	CPP + Tech			
Large C&I	Utility-Controlled Loads	Auto DR	1,753.73	1,715.18	0.00
Large C&I	Pricing	CPP			
Large C&I	Contractual	Firm Service Level			
Large C&I	Contractual	Guaranteed Load Drop			
DSRE Residential	PV	PV System	1,107.87	87.50	7,906.96
Residential	Storage	Battery Storage from PV System	438.75	242.79	0.00
Non-Residential	PV	PV System	1,953.12	154.25	13,782.93
Non-Residential	Storage	Battery Storage from PV System	83.85	0.00	0.00
Non-Residential	CHP	CHP – Fuel Cell	112.75	77.66	701.26
Non-Residential	CHP	CHP – Micro Turbine	247.90	170.74	1,064.09
Non-Residential	CHP	CHP – Gas Turbine	45.50	31.34	322.85
Non-Residential	CHP	CHP – Reciprocating Engine	407.15	280.43	1,426.65
Non-Residential	CHP	CHP - Steam Turbine	77.50	53.38	611.01