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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Building Stock

Segment	Type	Office	Dry Goods Retail	Restaurant	Grocery	Warehouse	School	University	Hospital & Health Care	Hotel	Miscellaneous
Existing	Total	214,980,009	128,262,941	23,514,077	24,590,925	183,582,929	12,946,197	5,657,636	38,096,583	13,084,808	34,709,620
New	Annual	3,385,742	2,048,911	325,892	340,818	2,544,363	311,919	136,307	917,869	315,254	836,262

Measure Costs

Seg	Measure #	PSE Measure Description	Savings Units	Cost Units	Unit Equip Cost	Unit Labor Cost	NPV of Lifetime O & M Cost	Implementation Cost Factor	Cost Units per Savings Unit	Service Life	Full=1 Incr. = 0 Initial Cost	Replace Cost	Full Unit Cost	Type 1=1 time 2=ROB
1	100	Base Cooking	\$/unit	\$/unit	\$0.00	\$0.00		\$0.00	1	15	1	1	\$0.00	1
1	101	High-Efficiency Convection Oven	\$/unit	\$/unit	\$29.40	\$0.00		\$29.40	1	15	1	1	\$29.40	2
1	102	High-Efficiency Range and Oven	\$/unit	\$/unit	\$400.00	\$0.00		\$400.00	1	15	1	1	\$400.00	2
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	fixture	fixture	\$27.00	\$15.00	\$0.00	\$42.00	1	45,000	1	1	\$42.00	2
1	111	RET 4L4' Premium T8, 1EB	fixture	fixture	\$35.00	\$15.00	\$0.00	\$50.00	1	70,000	1	1	\$50.00	1
1	112	RET 2L4' Premium T8, 1EB, Reflector	fixture	fixture	\$52.00	\$15.00	\$0.00	\$67.00	1	70,000	1	1	\$67.00	1
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	fixture	fixture	\$24.50	\$3.15	\$0.00	\$27.65	1	40,000	1	1	\$27.65	1
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	fixture	fixture	\$180.63	\$107.27	\$0.00	\$287.90	1	50,000	1	1	\$287.90	1

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Seg	Measure #	PSE Measure Description	Savings Units	Cost Units	Unit Equip Cost	Unit Labor Cost	NPV of Lifetime O & M Cost	Implement-ation Cost Factor	Cost Units per Savings Unit	Service Life	Full=1 Incr. = 0 Initial Cost	Replace Cost	Full Unit Cost	Type 1=1 time 2=ROB
1	115	RNV 2L4'T5HO, 1EB	fixture	fixture	\$93.00	\$62.52	\$0.00	\$155.52	1	70,000	1	1	\$155.52	1
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	fixture	fixture	\$14.00	\$9.40	\$0.00	\$23.40	1	45,000	1	1	\$23.40	2
1	121	RET 2L4' Premium T8, 1EB	fixture	fixture	\$25.00	\$9.40	\$0.00	\$34.40	1	70,000	1	1	\$34.40	1
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	fixture	fixture	\$41.00	\$7.80	\$0.00	\$48.80	1	70,000	1	1	\$48.80	1
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	fixture	fixture	\$12.25	\$1.58	\$0.00	\$13.83	1	40,000	1	1	\$13.83	1
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	fixture	fixture	\$90.31	\$53.64	\$0.00	\$143.95	1	50,000	1	1	\$143.95	1
1	125	RNV 1L4'T5HO, 1EB	fixture	fixture	\$83.70	\$62.52	\$0.00	\$146.22	1	70,000	1	1	\$146.22	1
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	fixture	fixture	\$36.00	\$17.00	\$0.00	\$53.00	1	45,000	1	1	\$53.00	2
1	131	RET 2L8'T12, 60W, 1EB	fixture	fixture	\$48.00	\$17.00	\$0.00	\$65.00	1	70,000	1	1	\$65.00	1
1	132	RET 1L8'T12, 60W, 1EB, Reflector	fixture	fixture	\$72.00	\$17.00	\$0.00	\$89.00	1	70,000	1	1	\$89.00	1
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	fixture	fixture	\$24.50	\$3.15	\$0.00	\$27.65	1	40,000	1	1	\$27.65	1
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	fixture	fixture	\$180.62	\$107.00	\$0.00	\$287.62	1	50,000	1	1	\$287.62	1
1	140	Base Incandescent Flood, 75W	fixture	fixture	\$0.00	\$0.00	\$0.00	\$0.00	1	2,000	1	1	\$0.00	2
1	141	CFL Screw-in, Modular 18W	fixture	fixture	\$17.00	\$0.00	-\$8.41	\$17.00	1	20,000	1	1	\$8.59	1
1	150	Base Incandescent Flood, 150W PAR	fixture	fixture	\$0.00	\$0.00	\$0.00	\$0.00	1	2,000	1	1	\$0.00	2
1	151	Halogen PAR Flood, 90W	fixture	fixture	\$4.10	\$0.00	\$0.00	\$4.10	1	2,500	1	1	\$4.10	1

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1	152	Metal Halide, 50W	fixture	fixture	\$110.00	\$46.00	\$0.00	\$156.00	1	24,000	1	1	\$156.00	1
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	fixture	fixture	\$14.00	\$9.00	\$0.00	\$23.00	1	45,000	1	1	\$23.00	2
1	161	RET 2L4'T8, 1EB	fixture	fixture	\$20.00	\$9.40	\$0.00	\$29.40	1	70,000	1	1	\$29.40	1
1	170	Base Mercury Vapor 400W Lamp	fixture	fixture			\$0.00	\$0.00	1	24,000	1	1	\$0.00	2
1	171	High Pressure Sodium 250W Lamp	fixture	fixture	\$89.00	\$60.00	\$0.00	\$149.00	1	24,000	1	1	\$149.00	1
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	fixture	fixture	\$87.00	\$108.00	\$0.00	\$195.00	1	24,000	1	1	\$195.00	1
1	180	Base 4L4'T8, 1EB	fixture	fixture	\$0.00	\$0.00	\$0.00	\$0.00	1	70,000	1	1	\$0.00	2
1	181	ROB 4L4' Premium T8, 1EB	fixture	fixture	\$7.00	\$0.00	\$0.00	\$7.00	1	70,000	1	1	\$7.00	2
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	fixture	fixture	\$24.50	\$3.15	\$0.00	\$27.65	1	40,000	1	1	\$27.65	1
1	185	Base 2L4'T8, 1EB	fixture	fixture	\$0.00	\$0.00	\$0.00	\$0.00	1	70,000	1	1	\$0.00	2
1	186	ROB 2L4' Premium T8, 1EB	fixture	fixture	\$5.00	\$0.00	\$0.00	\$5.00	1	70,000	1	1	\$5.00	2
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	fixture	fixture	\$12.25	\$1.58	\$0.00	\$13.83	1	40,000	1	1	\$13.83	1
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	\$/ton	\$/ton	\$283.00			\$283.00	1	20	1	1	\$283.00	2
1	201	Chiller Tune-Up / Diagnostics	\$/ton	\$/ton		\$16.67	\$20.91	\$16.67	1	5	1	1	\$37.58	1
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	\$/sf-window	\$/sf-window	\$0.68			\$0.68	1	30	1	1	\$0.68	1
1	207	Installation of Energy Management Systems	\$/ton	\$/ton	\$60.00			\$60.00	1	10	1	1	\$60.00	1
1	208	Insulation of Pipes	\$/Lin Ft	\$/Lin Ft	\$4.00	\$0.00		\$4.00	1	20	1	1	\$4.00	1

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			Pipe	Pipe										
1	209	Installation of Chiller Economizers (water side)	\$/sf	\$/sf	\$0.59			\$0.59	1	20	1	1	\$0.59	1
1	210	Optimize Chilled Water and Condenser Water Settings	\$/system	\$/system	\$10,000.00	\$10,000.00		\$20,000.00	1	10	1	1	\$20,000.00	1
1	203	Roof / Ceiling Insulation	\$/sf- ceiling	\$/sf- ceiling	\$0.49			\$0.49	1	20	1	1	\$0.49	1
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	\$/ton	\$/ton	\$97.09			\$97.09	1	10	1	1	\$97.09	1
1	203	HE Chiller, 0.51 kW/ton, 300 Tons	\$/ton	\$/ton	\$343.00			\$343.00	1	20	1	1	\$343.00	2
1	205	EMS Optimization	\$/unit	\$/unit	\$0.00	\$1,200.00		\$1,200.00	1	5	1	1	\$1,352.00	1
1	204	Cool Roofs (Reflective and Spray Evaporative)	\$/sf-roof	\$/sf-roof	\$0.47			\$0.47	1	10	1	1	\$0.47	1
1	250	Base DX Packaged System, EER=10.3, 10 tons	\$/ton	\$/ton	\$0.00			\$0.00	1	15	1	1	\$0.00	2
1	251	DX Tune-Up / Diagnostics	\$/ton	\$/ton		\$78.00		\$78.00	1	3	1	1	\$78.00	1
1	252	High-Efficiency Packaged A/C System	\$/ton	\$/ton	\$171.00			\$171.00	1	15	1	1	\$171.00	2
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	\$/sf- window	\$/sf- window	\$0.68			\$0.68	1	30	1	1	\$0.68	1
1	254	Installation of Direct of Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	\$/ton	\$/ton	\$133.33	\$160.00		\$293.33	1	10	1	1	\$293.33	1
1	256	Duct Insulation	\$/Lin Ft Pipe	\$/Lin Ft Pipe	\$0.40	\$0.00		\$0.40	1	20	1	1	\$0.40	1

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1	257	Duct Repair and Sealing	\$/sf building	\$/sf building	\$0.16	\$0.00		\$0.16	1	20	1	1	\$0.16	1
1	261	Clock / Programmable Thermostat	\$/ton	\$/ton	\$5.50	\$15.00		\$20.50	1	10	1	1	\$20.50	1
1	262	Installation of Air Side Economizers	\$/sf	\$/sf	\$0.59			\$0.59	1	10	1	1	\$0.59	1
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	\$/HP	\$/HP	\$72.20		\$0.00	\$72.20	1	15	1	1	\$72.20	2
1	401	Energy Efficient Fan & Pump Motors	\$/HP	\$/HP	\$76.27		\$0.00	\$114.60	1	15	1	1	\$114.60	2
1	402	VSD, ASD Fan & Pump Applications	\$/HP	\$/HP	\$129.00	\$102.00	\$0.00	\$385.00	1	15	1	1	\$385.00	1
1	500	Base Refrigeration System	40,000 sqft store	40,000 sqft store	\$0.00	\$0.00	\$0.00	\$0.00	1	10	1	1	\$0.00	2
1	501	High Efficiency Case Fans	40,000 sqft store	40,000 sqft store	\$46,429.20	\$0.00	\$0.00	\$46,429.20	1	16	1	1	\$46,429.20	1
1	502	Strip Curtains for Walk-Ins	40,000 sqft store	40,000 sqft store	\$1,995.00	\$0.00	\$0.00	\$1,995.00	1	4	1	1	\$1,995.00	1
1	503	Night Covers for Display Cases	linear ft. display	linear ft. display	\$9.25	\$0.00	\$0.00	\$9.25	1	5	1	1	\$9.25	1
1	504	Reduced Speed or Cycling of Evaporator Fans	controller	controller	\$300.00	\$0.00	\$0.00	\$300.00	1	5	1	1	\$300.00	1
1	505	High-Efficiency Compressors	40,000 sqft store	40,000 sqft store	\$3,510.00	\$0.00	\$0.00	\$3,510.00	1	10	1	1	\$3,510.00	2
1	506	Compressor VSD retrofit	40,000 sqft store	40,000 sqft store	\$16,200.00	\$0.00	\$0.00	\$16,200.00	1	10	1	1	\$16,200.00	1
1	507	Installation of Floating Condenser Head Pressure Controls	40,000 sqft store	40,000 sqft store	\$4,995.00	\$0.00	\$0.00	\$4,995.00	1	14	1	1	\$4,995.00	1
1	508	Refrigeration Commissioning	Ton of Load	Ton of Load	\$113.00	\$0.00	\$0.00	\$113.00	1	3	1	1	\$113.00	1

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1	509	Demand Hot Gas Defrost	HP	HP	\$25.00	\$0.00	\$0.00	\$25.00	1	10	1	1	\$25.00	1
1	510	Demand Defrost Electric	HP	HP	\$25.00	\$0.00	\$0.00	\$25.00	1	10	1	1	\$25.00	1
1	511	Anti-Sweat (Humidistat) Controls	40,000 sqft store	40,000 sqft store	\$6,450.40	\$0.00	\$0.00	\$6,450.40	1	12	1	1	\$6,450.40	1
1	610	Base Desktop PC	PC	PC				\$0.00	1	4	1	1	\$0.00	1
1	611	ENERGY STAR or Better Office Equipment: Computer	PC	PC	\$100.00		\$0.00	\$100.00	1	4	1	1	\$100.00	1
1	620	Base Display Monitor	Monitor	Monitor				\$0.00	1	4	1	1	\$0.00	1
1	621	ENERGY STAR or Better Office Equipment: Monitors	Monitor	Monitor	\$100.00		\$0.00	\$100.00	1	4	1	1	\$100.00	1
1	623	Smart Networks	Monitor	Monitor		\$4.00	\$0.00	\$4.00	1	4	1	1	\$4.00	1
1	630	Base Copier	Copier	Copier				\$0.00	1	4	1	1	\$0.00	1
1	631	ENERGY STAR or Better Office Equipment: Copiers	Copier	Copier	\$200.00		\$0.00	\$200.00	1	4	1	1	\$200.00	1
1	640	Base Laser Printer	Printer	Printer				\$0.00	4	4	1	1	\$0.00	1
1	641	ENERGY STAR or Better Office Equipment: Printers	Printer	Printer	\$100.00		\$0.00	\$100.00	1	4	1	1	\$100.00	1
1	700	Base Water Heating	kBTU/Hr	\$/kbtuhr				\$0.00	1	15	1	1	\$0.00	2
1	701	Demand controlled circulating systems	\$/unit	\$/unit	\$3,000.00			\$3,000.00	1	15	1	1	\$3,000.00	1
1	702	Heat Pump Water Heater	\$/kbtuhr	\$/kbtuhr	\$124.20		\$0.06	\$124.20	1	15	1	1	\$124.26	2
1	703	High-Efficiency Water Heater (electric)	Water Heater	Water Heater	\$300.00	\$300.00		\$600.00	1	15	1	1	\$600.00	2
1	704	Hot Water (SHW) Pipe Insulation	kBTU/Hr	\$/Lin Ft Pipe	\$4.00	\$0.00	\$0.00	\$4.00	1	15	1	1	\$4.00	1

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1	800	Base Heating	kBTU/Hr	\$/kbtuhr	\$0.00	\$0.00	\$0.00	\$0.00	1	20	1	1	\$0.00	1
1	802	Roof / Ceiling Insulation	\$/sf- ceiling	\$/sf- ceiling	\$0.49	\$0.00	\$0.00	\$0.49	1	20	1	1	\$0.49	1
1	805	Clock / Programmable Thermostat	\$/sf	\$/sf	\$0.15		\$0.00	\$0.15	1	10	1	1	\$0.15	1
1	810	Installation of Air Side Economizers	\$/sf	\$/sf	\$0.59			\$0.59	1	15	1	1	\$0.59	1
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	\$/sf	\$/sf	\$0.28			\$0.28	1	15	1	1	\$0.28	
2	100	Base Cooking	\$/unit	\$/unit	\$0.00	\$0.00		\$0.00	1	15	1	1	\$0.00	1
2	101	High-Efficiency Convection Oven	\$/unit	\$/unit	\$29.40	\$0.00		\$29.40	1	15	1	1	\$29.40	2
2	102	High-Efficiency Range and Oven	\$/unit	\$/unit	\$400.00	\$0.00		\$400.00	1	15	1	1	\$400.00	2
2	190	Base NC Lighting	\$/ft2	\$/ft2				\$0.00	1	20	1	1	\$0.00	2
2	191	10 % More Efficient Design (Lighting)	\$/ft2	\$/ft2	\$0.10			\$0.10	1	20	1	1	\$0.10	2
2	192	20 % More Efficient Design (Lighting)	\$/ft2	\$/ft2	\$0.14			\$0.14	1	20	1	1	\$0.14	2
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	\$/ton	\$/ton	\$283.00			\$283.00	1	20	1	1	\$283.00	2
2	201	Chiller Tune-Up / Diagnostics	\$/ton	\$/ton		\$16.67	\$20.91	\$16.67	1	5	1	1	\$37.58	1
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	\$/sf- window	\$/sf- window	\$0.68			\$0.68	1	30	1	1	\$0.68	1
2	207	Installation of Energy Management Systems	\$/ton	\$/ton	\$60.00			\$60.00	1	10	1	1	\$60.00	1
2	208	Insulation of Pipes	\$/Lin Ft Pipe	\$/Lin Ft Pipe	\$4.00	\$0.00		\$4.00	1	20	1	1	\$4.00	1
2	209	Installation of Chiller Economizers (water	\$/sf	\$/sf	\$0.59			\$0.59	1	20	1	1	\$0.59	1

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		side)												
2	210	Optimize Chilled Water and Condenser Water Settings	\$/system	\$/system	\$10,000.00	\$10,000.00		\$20,000.00	1	10	1	1	\$20,000.00	1
2	203	Roof / Ceiling Insulation	\$/sf-ceiling	\$/sf-ceiling	\$0.49			\$0.49	1	20	1	1	\$0.49	1
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	\$/ton	\$/ton	\$97.09			\$97.09	1	10	1	1	\$97.09	1
2	203	HE Chiller, 0.51 kW/ton, 300 Tons	\$/ton	\$/ton	\$343.00			\$343.00	1	20	1	1	\$343.00	2
2	205	EMS Optimization	\$/unit	\$/unit	\$0.00	\$1,200.00		\$1,200.00	1	5	1	1	\$1,352.00	1
2	204	Cool Roofs (Reflective and Spray Evaporative)	\$/sf-roof	\$/sf-roof	\$0.47			\$0.47	1	10	1	1	\$0.47	1
2	250	Base DX Packaged System, EER=10.3, 10 tons	\$/ton	\$/ton	\$0.00			\$0.00	1	15	1	1	\$0.00	2
2	251	DX Tune-Up / Diagnostics	\$/ton	\$/ton		\$78.00		\$78.00	1	3	1	1	\$78.00	1
2	252	High-Efficiency Packaged A/C System	\$/ton	\$/ton	\$241.00			\$241.00	1	15	1	1	\$241.00	2
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	\$/sf-window	\$/sf-window	\$0.68			\$0.68	1	30	1	1	\$0.68	1
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	\$/ton	\$/ton	\$133.33	\$160.00		\$293.33	1	10	1	1	\$293.33	1
2	256	Duct Insulation	\$/Lin Ft Pipe	\$/Lin Ft Pipe	\$0.40	\$0.00		\$0.40	1	20	1	1	\$0.40	1
2	257	Duct Repair and Sealing	\$/sf building	\$/sf building	\$0.16	\$0.00		\$0.16	1	20	1	1	\$0.16	1

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2	261	Clock / Programmable Thermostat	\$/ton	\$/ton	\$5.50	\$15.00		\$20.50	1	10	1	1	\$20.50	1
2	262	Installation of Air Side Economizers	\$/sf	\$/sf	\$0.59			\$0.59	1	10	1	1	\$0.59	1
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	\$/HP	\$/HP	\$72.20		\$0.00	\$72.20	1	15	1	1	\$72.20	2
2	401	Energy Efficient Fan & Pump Motors	\$/HP	\$/HP	\$76.27		\$0.00	\$114.60	1	15	1	1	\$114.60	2
2	402	VSD, ASD Fan & Pump Applications	\$/HP	\$/HP	\$129.00	\$102.00	\$0.00	\$385.00	1	15	1	1	\$385.00	1
2	500	Base Refrigeration System	40,000 sqft store	40,000 sqft store	\$0.00	\$0.00	\$0.00	\$0.00	1	10	1	1	\$0.00	2
2	501	High Efficiency Case Fans	40,000 sqft store	40,000 sqft store	\$46,429.20	\$0.00	\$0.00	\$46,429.20	1	16	1	1	\$46,429.20	1
2	502	Strip Curtains for Walk-Ins	40,000 sqft store	40,000 sqft store	\$1,995.00	\$0.00	\$0.00	\$1,995.00	1	4	1	1	\$1,995.00	1
2	503	Night Covers for Display Cases	linear ft. display	linear ft. display	\$9.25	\$0.00	\$0.00	\$9.25	1	5	1	1	\$9.25	1
2	504	Reduced Speed or Cycling of Evaporator Fans	controller	controller	\$300.00	\$0.00	\$0.00	\$300.00	1	5	1	1	\$300.00	1
2	505	High-Efficiency Compressors	40,000 sqft store	40,000 sqft store	\$3,510.00	\$0.00	\$0.00	\$3,510.00	1	10	1	1	\$3,510.00	2
2	506	Compressor VSD retrofit	40,000 sqft store	40,000 sqft store	\$16,200.00	\$0.00	\$0.00	\$16,200.00	1	10	1	1	\$16,200.00	1
2	507	Installation of Floating Condenser Head Pressure Controls	40,000 sqft store	40,000 sqft store	\$4,995.00	\$0.00	\$0.00	\$4,995.00	1	14	1	1	\$4,995.00	1
2	508	Refrigeration Commissioning	Ton of Load	Ton of Load	\$113.00	\$0.00	\$0.00	\$113.00	1	3	1	1	\$113.00	1
2	509	Demand Hot Gas Defrost	HP	HP	\$25.00	\$0.00	\$0.00	\$25.00	1	10	1	1	\$25.00	1

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Savings Units	Cost Units	Unit Equip Cost	Unit Labor Cost	NPV of Lifetime O&M Cost	Implementation Cost Factor	Cost Units per Savings Unit	Service Life	Full=1 Incr. = 0 Initial Cost	Replace Cost	Full Unit Cost	Type 1=1 time 2=ROB
2	510	Demand Defrost Electric	HP	HP	\$25.00	\$0.00	\$0.00	\$25.00	1	10	1	1	\$25.00	1
2	511	Anti-Sweat (Humidistat) Controls	40,000 sqft store	40,000 sqft store	\$6,450.40	\$0.00	\$0.00	\$6,450.40	1	12	1	1	\$6,450.40	1
2	610	Base Desktop PC	PC	PC			\$0.00	\$0.00	1	4	1	1	\$0.00	1
2	611	ENERGY STAR or Better Office Equipment: Computer	PC	PC	\$100.00		\$0.00	\$100.00	1	4	1	1	\$100.00	1
2	620	Base Display Monitor	Monitor	Monitor			\$0.00	\$0.00	1	4	1	1	\$0.00	1
2	621	ENERGY STAR or Better Office Equipment: Monitors	Monitor	Monitor	\$100.00		\$0.00	\$100.00	1	4	1	1	\$100.00	1
2	623	Smart Networks	Monitor	Monitor		\$4.00	\$0.00	\$4.00	1	4	1	1	\$4.00	1
2	630	Base Copier	Copier	Copier				\$0.00	1	4	1	1	\$0.00	1
2	631	ENERGY STAR or Better Office Equipment: Copiers	Copier	Copier	\$200.00		\$0.00	\$200.00	1	4	1	1	\$200.00	1
2	640	Base Laser Printer	Printer	Printer			\$0.00	\$0.00	4	4	1	1	\$0.00	1
2	641	ENERGY STAR or Better Office Equipment: Printers	Printer	Printer	\$100.00		\$0.00	\$100.00	1	4	1	1	\$100.00	1
2	700	Base Water Heating	kBTU/Hr	\$/kbtuhr	\$0.00	\$0.00	\$0.00	\$0.00	1	15	1	1	\$0.00	2
2	701	Demand controlled circulating systems	\$/unit	\$/unit	\$3,000.00			\$3,000.00	1	15	1	1	\$3,000.00	1
2	702	Heat Pump Water Heater	\$/kbtuhr	\$/kbtuhr	\$124.20		\$0.06	\$124.20	1	15	1	1	\$124.26	2
2	703	High-Efficiency Water Heater (electric)	Water Heater	Water Heater	\$300.00	\$50.00		\$350.00	1	15	1	1	\$350.00	2
2	704	Hot Water (SHW) Pipe Insulation	kBTU/Hr	\$/Lin Ft Pipe	\$4.00	\$0.00	\$0.00	\$4.00	1	15	1	1	\$4.00	1
2	800	Base Heating	kBTU/Hr	\$/kbtuhr	\$0.00	\$0.00	\$0.00	\$0.00	1	20	1	1	\$0.00	1

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Savings Units	Cost Units	Unit Equip Cost	Unit Labor Cost	NPV of Lifetime O&M Cost	Implementation Cost Factor	Cost Units per Savings Unit	Service Life	Full=1 Incr. = 0 Initial Cost	Replace Cost	Full Unit Cost	Type 1=1 time 2=ROB
2	802	Roof / Ceiling Insulation	\$/sf- ceiling	\$/sf- ceiling	\$0.49	\$0.00	\$0.00	\$0.49	1	20	1	1	\$0.49	1
2	805	Clock / Programmable Thermostat	\$/sf	\$/sf	\$0.15		\$0.00	\$0.15	1	10	1	1	\$0.15	1
2	810	Installation of Air Side Economizers	\$/sf	\$/sf	\$0.59			\$0.59	1	15	1	1	\$0.59	1
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	\$/sf	\$/sf	\$0.28			\$0.28	1	15	1	1	\$0.28	

Base Technology EUIs

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	100	Base Cooking			52.39							
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	5.29	5.89	8.74	12.76	2.94	2.68	5.29	10.77	3.01	2.12
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	5.29	5.89	8.74	12.76	2.94	2.68	5.29	10.77	3.01	2.12
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	5.29	5.89	8.74	12.76	2.94	2.68	5.29	10.77	3.01	2.12
1	140	Base Incandescent Flood, 75W	5.29	5.89	8.74	12.76	2.94	2.68	5.29	10.77	3.01	2.12
1	150	Base Incandescent Flood, 150W PAR	5.29	5.89	8.74	12.76	2.94	2.68	5.29	10.77	3.01	2.12
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	5.29	5.89	8.74	12.76	2.94	2.68	5.29	10.77	3.01	2.12
1	170	Base Mercury Vapor 400W Lamp	5.29	5.89	8.74	12.76	2.94	2.68	5.29	10.77	3.01	2.12
1	180	Base Fluorescent Fixture, 4L4'T8, 32W, 1EB	4.24	4.71	6.99	10.21	2.36	2.14	4.24	8.62	2.41	1.70
1	185	Base Fluorescent Fixture, 2L4'T8, 32W, 1EB	4.24	4.71	6.99	10.21	2.36	2.14	4.24	8.62	2.41	1.70
1	200	Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	3.76	1.22	5.20	6.72	1.59	0.30	3.76	8.98	1.50	2.54
1	250	Base DX Packaged System, EER=10.3, 10 tons	3.76	1.22	5.20	6.72	1.59	0.30	3.76	8.98	1.50	2.54
1	400	Base Fan Motor	2.25	3.96	0.67	5.40	1.71	0.75	0.98	2.67	0.60	1.89
1	500	Base Refrigeration System	0.30	0.44	3.05	7.62		0.64	0.30	1.74	2.25	
1	610	Base Desktop PC	0.60	0.06	0.04	0.11	0.05	0.03	0.10	0.14	0.02	0.03

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	620	Base Display Monitor	0.58	0.06	0.04	0.11	0.05	0.03	0.10	0.13	0.02	0.02
1	630	Base Copier	0.19	0.06	0.03	0.10	0.03	0.03	0.05	0.13	0.05	0.03
1	640	Base Laser Printer	0.21	0.06	0.04	0.09	0.03	0.02	0.06	0.12	0.01	0.01
1	700	Base Water Heating	0.30	0.44	3.05	3.05	0.33	0.64	0.64	1.25	1.74	2.25
1	800	Base Heating	0.79	0.93	7.23	1.37	0.79	9.71	0.79	4.58	4.84	4.58
2	100	Base Cooking			52.39							
2	190	Base NC Lighting	5.29	5.89	8.74	12.76	2.94	2.68	5.29	10.77	3.01	2.12
2	200	Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	3.76	1.22	5.20	6.72	1.59	0.30	3.76	8.98	1.50	2.54
2	250	Base DX Packaged System, EER=10.3, 10 tons	3.76	1.22	5.20	6.72	1.59	0.30	3.76	8.98	1.50	2.54
2	400	Base Fan Motor	2.25	3.96	0.67	5.40	1.71	0.75	0.98	2.67	0.60	1.89
2	500	Base Refrigeration System	0.30	0.44	3.05	7.62		0.64	0.30	1.74	2.25	
2	610	Base Desktop PC	0.60	0.06	0.04	0.11	0.05	0.03	0.10	0.14	0.02	0.03
2	620	Base Display Monitor	0.58	0.06	0.04	0.11	0.05	0.03	0.10	0.13	0.02	0.02
2	630	Base Copier	0.19	0.06	0.03	0.10	0.03	0.03	0.05	0.13	0.05	0.03
2	640	Base Laser Printer	0.21	0.06	0.04	0.09	0.03	0.02	0.06	0.12	0.01	0.01
2	700	Base Water Heating	0.30	0.44	3.05	3.05	0.33	0.64	0.64	1.25	1.74	2.25
2	800	Base Heating	0.79	0.93	7.23	1.37	0.79	9.71	0.79	4.58	4.84	4.58

Applicability Factor

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Ware-house	School	College	Hospital	Hotel	Misc.
1	100	Base Cooking			50.0%							
1	101	High-Efficiency Convection Oven			50.0%							
1	102	High-Efficiency Range and Oven			50.0%							
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	9.5%	19.8%	22.9%	16.3%	21.3%	11.8%	18.0%	13.2%	12.8%	12.6%
1	111	RET 4L4' Premium T8, 1EB	9.5%	19.8%	22.9%	16.3%	21.3%	11.8%	18.0%	13.2%	12.8%	12.6%
1	112	RET 2L4' Premium T8, 1EB, Reflector	9.5%	19.8%	22.9%	16.3%	21.3%	11.8%	18.0%	13.2%	12.8%	12.6%
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	9.5%	19.8%	22.9%	16.3%	21.3%	11.8%	18.0%	13.2%	12.8%	12.6%
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	9.5%	19.8%	22.9%	16.3%	21.3%	11.8%	18.0%	13.2%	12.8%	12.6%
1	115	RNV 2L4'T5HO, 1EB	9.5%	19.8%	22.9%	16.3%	21.3%	11.8%	18.0%	13.2%	12.8%	12.6%
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	7.1%	14.9%	17.2%	12.2%	16.0%	8.9%	13.5%	9.9%	9.6%	9.4%
1	121	RET 2L4' Premium T8, 1EB	7.1%	14.9%	17.2%	12.2%	16.0%	8.9%	13.5%	9.9%	9.6%	9.4%
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	7.1%	14.9%	17.2%	12.2%	16.0%	8.9%	13.5%	9.9%	9.6%	9.4%
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	7.1%	14.9%	17.2%	12.2%	16.0%	8.9%	13.5%	9.9%	9.6%	9.4%
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	7.1%	14.9%	17.2%	12.2%	16.0%	8.9%	13.5%	9.9%	9.6%	9.4%
1	125	RNV 1L4'T5HO, 1EB	7.1%	14.9%	17.2%	12.2%	16.0%	8.9%	13.5%	9.9%	9.6%	9.4%
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	26.7%	15.6%	25.2%	22.5%	18.9%	27.0%	27.0%	19.8%	12.0%	20.4%
1	131	RET 2L8'T12, 60W, 1EB	26.7%	15.6%	25.2%	22.5%	18.9%	27.0%	27.0%	19.8%	12.0%	20.4%
1	132	RET 1L8'T12, 60W, 1EB, Reflector	26.7%	15.6%	25.2%	22.5%	18.9%	27.0%	27.0%	19.8%	12.0%	20.4%
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	26.7%	15.6%	25.2%	22.5%	18.9%	27.0%	27.0%	19.8%	12.0%	20.4%
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	26.7%	15.6%	25.2%	22.5%	18.9%	27.0%	27.0%	19.8%	12.0%	20.4%
1	140	Base Incandescent Flood, 75W	11.0%	48.0%	16.0%	25.0%	37.0%	10.0%	10.0%	34.0%	60.0%	32.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Ware-house	School	College	Hospital	Hotel	Misc.
1	141	CFL Screw-in, Modular 18W	11.0%	48.0%	16.0%	25.0%	37.0%	10.0%	10.0%	34.0%	60.0%	32.0%
1	150	Base Incandescent Flood, 150W PAR	11.0%	48.0%	16.0%	25.0%	37.0%	10.0%	10.0%	34.0%	60.0%	32.0%
1	151	Halogen PAR Flood, 90W	11.0%	48.0%	16.0%	25.0%	37.0%	10.0%	10.0%	34.0%	60.0%	32.0%
1	152	Metal Halide, 50W	11.0%	48.0%	16.0%	25.0%	37.0%	10.0%	10.0%	34.0%	60.0%	32.0%
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	26.7%	15.6%	25.2%	22.5%	18.9%	27.0%	27.0%	19.8%	12.0%	20.4%
1	161	RET 2L4'T8, 1EB	26.7%	15.6%	25.2%	22.5%	18.9%	27.0%	27.0%	19.8%	12.0%	20.4%
1	170	Base Mercury Vapor 400W Lamp	83.0%	89.0%	54.0%	91.0%	68.0%	70.0%	70.0%	75.0%	90.0%	70.0%
1	171	High Pressure Sodium 250W Lamp	83.0%	89.0%	54.0%	91.0%	68.0%	70.0%	70.0%	75.0%	90.0%	70.0%
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	83.0%	89.0%	54.0%	91.0%	68.0%	70.0%	70.0%	75.0%	90.0%	70.0%
1	180	Base 4L4'T8, 1EB	26.1%	1.0%	10.7%	13.7%	3.9%	24.2%	18.0%	13.2%	3.2%	14.6%
1	181	ROB 4L4' Premium T8, 1EB	26.1%	1.0%	10.7%	13.7%	3.9%	24.2%	18.0%	13.2%	3.2%	14.6%
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	26.1%	1.0%	10.7%	13.7%	3.9%	24.2%	18.0%	13.2%	3.2%	14.6%
1	185	Base 2L4'T8, 1EB	19.6%	0.7%	8.0%	10.3%	2.9%	18.1%	13.5%	9.9%	2.4%	11.0%
1	186	ROB 2L4' Premium T8, 1EB	19.6%	0.7%	8.0%	10.3%	2.9%	18.1%	13.5%	9.9%	2.4%	11.0%
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	19.6%	0.7%	8.0%	10.3%	2.9%	18.1%	13.5%	9.9%	2.4%	11.0%
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	201	Chiller Tune-Up / Diagnostics	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	207	Installation of Energy Management Systems	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	208	Insulation of Pipes	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	209	Installation of Chiller Economizers (water side)	50.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	210	Optimize Chilled Water and Condenser Water Settings	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Ware-house	School	College	Hospital	Hotel	Misc.
1	203	Roof / Ceiling Insulation	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	50.0%	67.6%	50.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	203	HE Chiller, 0.51 kW/ton, 300 Tons	32.5%	33.8%	37.5%	31.0%	14.2%	25.1%	7.9%	19.4%	42.8%	28.6%
1	205	EMS Optimization	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	204	Cool Roofs (Reflective and Spray Evaporative)	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	250	Base DX Packaged System, EER=10.3, 10 tons	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	251	DX Tune-Up / Diagnostics	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	252	High-Efficiency Packaged A/C System	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	256	Duct Insulation	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	257	Duct Repair and Sealing	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	261	Clock / Programmable Thermostat	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
1	262	Installation of Air Side Economizers	50.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	50.0%	57.2%
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
1	401	Energy Efficient Fan & Pump Motors	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
1	402	VSD, ASD Fan & Pump Applications	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
1	500	Base Refrigeration System				100.0%						
1	501	High Efficiency Case Fans				100.0%						
1	502	Strip Curtains for Walk-Ins				100.0%						
1	503	Night Covers for Display Cases				100.0%						

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Ware-house	School	College	Hospital	Hotel	Misc.
1	504	Reduced Speed or Cycling of Evaporator Fans				100.0%						
1	505	High-Efficiency Compressors				100.0%						
1	506	Compressor VSD retrofit				100.0%						
1	507	Installation of Floating Condenser Head Pressure Controls				100.0%						
1	508	Refrigeration Commissioning				100.0%						
1	509	Demand Hot Gas Defrost				100.0%						
1	510	Demand Defrost Electric				100.0%						
1	511	Anti-Sweat (Humidistat) Controls				100.0%						
1	610	Base Desktop PC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	611	ENERGY STAR or Better Office Equipment: Computer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	620	Base Display Monitor	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	621	ENERGY STAR or Better Office Equipment: Monitors	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	623	Smart Networks	75.0%	10.0%	25.0%	10.0%	10.0%	80.0%	75.0%	25.0%	25.0%	25.0%
1	630	Base Copier	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	631	ENERGY STAR or Better Office Equipment: Copiers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	640	Base Laser Printer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	641	ENERGY STAR or Better Office Equipment: Printers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	700	Base Water Heating	95.0%	83.0%	50.0%	16.1%	71.1%	100.0%	100.0%	100.0%	100.0%	10.5%
1	701	Demand controlled circulating systems	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
1	702	Heat Pump Water Heater	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
1	703	High-Efficiency Water Heater (electric)	90.0%	83.0%	50.0%	16.1%	71.1%	90.0%	90.0%	90.0%	90.0%	10.5%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Ware-house	School	College	Hospital	Hotel	Misc.
1	704	Hot Water (SHW) Pipe Insulation	90.0%	83.0%	50.0%	16.1%	71.1%	90.0%	90.0%	90.0%	90.0%	10.5%
1	800	Base Heating	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%
1	802	Roof / Ceiling Insulation	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%
1	805	Clock / Programmable Thermostat	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%
1	810	Installation of Air Side Economizers	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%
2	100	Base Cooking			50.0%							
2	101	High-Efficiency Convection Oven			50.0%							
2	102	High-Efficiency Range and Oven			50.0%							
2	190	Base NC Lighting	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	191	10 % More Efficient Design (Lighting)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	192	20 % More Efficient Design (Lighting)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	201	Chiller Tune-Up / Diagnostics	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	207	Installation of Energy Management Systems	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	208	Insulation of Pipes	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	209	Installation of Chiller Economizers (water side)	50.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	210	Optimize Chilled Water and Condenser Water Settings	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	203	Roof / Ceiling Insulation	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Ware-house	School	College	Hospital	Hotel	Misc.
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	50.0%	67.6%	50.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	203	HE Chiller, 0.51 kW/ton, 300 Tons	32.5%	33.8%	37.5%	31.0%	14.2%	25.1%	7.9%	19.4%	42.8%	28.6%
2	205	EMS Optimization	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	204	Cool Roofs (Reflective and Spray Evaporative)	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	250	Base DX Packaged System, EER=10.3, 10 tons	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	251	DX Tune-Up / Diagnostics	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	252	High-Efficiency Packaged A/C System	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	256	Duct Insulation	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	257	Duct Repair and Sealing	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	261	Clock / Programmable Thermostat	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	262	Installation of Air Side Economizers	65.0%	67.6%	75.0%	62.0%	28.4%	50.3%	15.9%	38.9%	85.6%	57.2%
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
2	401	Energy Efficient Fan & Pump Motors	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
2	402	VSD, ASD Fan & Pump Applications	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
2	500	Base Refrigeration System				100.0%						
2	501	High Efficiency Case Fans				100.0%						
2	502	Strip Curtains for Walk-Ins				100.0%						
2	503	Night Covers for Display Cases				100.0%						
2	504	Reduced Speed or Cycling of Evaporator Fans				100.0%						

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Ware-house	School	College	Hospital	Hotel	Misc.
2	505	High-Efficiency Compressors				100.0%						
2	506	Compressor VSD retrofit				100.0%						
2	507	Installation of Floating Condenser Head Pressure Controls				100.0%						
2	508	Refrigeration Commissioning				100.0%						
2	509	Demand Hot Gas Defrost				100.0%						
2	510	Demand Defrost Electric				100.0%						
2	511	Anti-Sweat (Humidistat) Controls				100.0%						
2	610	Base Desktop PC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	611	ENERGY STAR or Better Office Equipment: Computer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	620	Base Display Monitor	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	621	ENERGY STAR or Better Office Equipment: Monitors	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	623	Smart Networks	75.0%	10.0%	25.0%	10.0%	10.0%	80.0%	75.0%	25.0%	25.0%	25.0%
2	630	Base Copier	100.0%	25.0%	25.0%	25.0%	25.0%	90.0%	90.0%	90.0%	50.0%	25.0%
2	631	ENERGY STAR or Better Office Equipment: Copiers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	640	Base Laser Printer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	641	ENERGY STAR or Better Office Equipment: Printers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	700	Base Water Heating	95.0%	83.0%	50.0%	16.1%	71.1%	100.0%	100.0%	100.0%	100.0%	10.5%
2	701	Demand controlled circulating systems	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
2	702	Heat Pump Water Heater	50.0%	83.0%	50.0%	16.1%	71.1%	50.0%	50.0%	77.8%	71.6%	10.5%
2	703	High-Efficiency Water Heater (electric)	90.0%	83.0%	50.0%	16.1%	71.1%	90.0%	90.0%	90.0%	90.0%	10.5%
2	704	Hot Water (SHW) Pipe Insulation	90.0%	83.0%	50.0%	16.1%	71.1%	90.0%	90.0%	90.0%	90.0%	10.5%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Ware-house	School	College	Hospital	Hotel	Misc.
2	800	Base Heating	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%
2	802	Roof / Ceiling Insulation	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%
2	805	Clock / Programmable Thermostat	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%
2	810	Installation of Air Side Economizers	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	7.9%	28.5%	31.2%	6.1%	6.6%	37.1%	39.2%	3.0%	30.3%	11.9%

Energy Savings

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	FoodStore	Warehouse	School	College	Hospital	Hotel	Misc.
1	100	Base Cooking										
1	101	High-Efficiency Convection Oven			20.0%							
1	102	High-Efficiency Range and Oven			20.0%							
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG										
1	111	RET 4L4' Premium T8, 1EB	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%
1	112	RET 2L4' Premium T8, 1EB, Reflector	65.7%	65.7%	65.7%	65.7%	65.7%	65.7%	65.7%	65.7%	65.7%	65.7%
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	30.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	115	RNV 2L4'T5HO, 1EB	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG										
1	121	RET 2L4' Premium T8, 1EB	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%	31.4%
1	122	RET 1L4' Premium T8, 1EB, Reflector	64.3%	64.3%	64.3%	64.3%	64.3%	64.3%	64.3%	64.3%	64.3%	64.3%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	FoodStore	Warehouse	School	College	Hospital	Hotel	Misc.
		OEM										
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	30.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	125	RNV 1L4'T5HO, 1EB	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%	23.6%
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG										
1	131	RET 2L8'T12, 60W, 1EB	21.6%	21.6%	21.6%	21.6%	21.6%	21.6%	21.6%	21.6%	21.6%	21.6%
1	132	RET 1L8'T12, 60W, 1EB, Reflector	60.4%	60.4%	60.4%	60.4%	60.4%	60.4%	60.4%	60.4%	60.4%	60.4%
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	30.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	140	Base Incandescent Flood, 75W										
1	141	CFL Screw-in, Modular 18W	72.0%	72.0%	72.0%	72.0%	72.0%	72.0%	72.0%	72.0%	72.0%	72.0%
1	150	Base Incandescent Flood, 150W PAR										
1	151	Halogen PAR Flood, 90W	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
1	152	Metal Halide, 50W	58.0%	58.0%	58.0%	58.0%	58.0%	58.0%	58.0%	58.0%	58.0%	58.0%
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG										
1	161	RET 2L4'T8, 1EB	16.7%	16.7%	16.7%	16.7%	16.7%	16.7%	16.7%	16.7%	16.7%	16.7%
1	170	Base Mercury Vapor 400W Lamp										
1	171	High Pressure Sodium 250W Lamp	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	22.2%	22.2%	22.2%	22.2%	22.2%	22.2%	22.2%	22.2%	22.2%	22.2%
1	180	Base 4L4'T8, 1EB										

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	FoodStore	Warehouse	School	College	Hospital	Hotel	Misc.
1	181	ROB 4L4' Premium T8, 1EB	15.8%	15.8%	15.8%	15.8%	15.8%	15.8%	15.8%	15.8%	15.8%	15.8%
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	30.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
1	185	Base 2L4'T8, 1EB										
1	186	ROB 2L4' Premium T8, 1EB	17.2%	17.2%	17.2%	17.2%	17.2%	17.2%	17.2%	17.2%	17.2%	17.2%
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	30.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons										
1	201	Chiller Tune-Up / Diagnostics	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	9.3%	10.3%	2.5%	9.4%	12.4%	3.9%	4.0%	1.2%	7.0%	2.5%
1	207	Installation of Energy Management Systems	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1	208	Insulation of Pipes	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
1	209	Installation of Chiller Economizers (water side)	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1	210	Optimize Chilled Water and Condenser Water Settings	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
1	203	Roof / Ceiling Insulation	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1	203	HE Chiller, 0.51 kW/ton, 300 Tons	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%
1	205	EMS Optimization										
1	204	Cool Roofs (Reflective and Spray Evaporative)	1.8%	6.9%	13.0%	15.5%	18.4%	6.1%	1.3%	0.6%	0.4%	13.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	FoodStore	Warehouse	School	College	Hospital	Hotel	Misc.
1	250	Base DX Packaged System, EER=10.3, 10 tons										
1	251	DX Tune-Up / Diagnostics	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1	252	High-Efficiency Packaged A/C System	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1	256	Duct Insulation	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
1	257	Duct Repair and Sealing	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
1	261	Clock / Programmable Thermostat	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1	262	Installation of Air Side Economizers	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%										
1	401	Energy Efficient Fan & Pump Motors	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
1	402	VSD, ASD Fan & Pump Applications	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
1	500	Base Refrigeration System										
1	501	High Efficiency Case Fans				12.0%						
1	502	Strip Curtains for Walk-Ins				4.0%						
1	503	Night Covers for Display Cases				5.8%						
1	504	Reduced Speed or Cycling of Evaporator Fans				0.6%						
1	505	High-Efficiency Compressors				6.8%						
1	506	Compressor VSD retrofit				6.2%						
1	507	Installation of Floating Condenser Head Pressure Controls				6.8%						
1	508	Refrigeration Commissioning				5.0%						

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	FoodStore	Warehouse	School	College	Hospital	Hotel	Misc.
1	509	Demand Hot Gas Defrost				2.5%						
1	510	Demand Defrost Electric				7.8%						
1	511	Anti-Sweat (Humidistat) Controls				5.0%						
1	610	Base Desktop PC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	611	ENERGY STAR or Better Office Equipment: Computer	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%
1	620	Base Display Monitor										
1	621	ENERGY STAR or Better Office Equipment: Monitors	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%
1	623	Smart Networks	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
1	630	Base Copier	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	631	ENERGY STAR or Better Office Equipment: Copiers	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
1	640	Base Laser Printer	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	641	ENERGY STAR or Better Office Equipment: Printers	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%
1	700	Base Water Heating										
1	701	Demand controlled circulating systems	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
1	702	Heat Pump Water Heater	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
1	703	High-Efficiency Water Heater (electric)	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%
1	704	Hot Water (SHW) Pipe Insulation	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
1	800	Base Heating										
1	802	Roof / Ceiling Insulation	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1	805	Clock / Programmable Thermostat	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
1	810	Installation of Air Side Economizers	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
1	812	Installation of Automated Building Ventilation Control (Via Occupancy	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	FoodStore	Warehouse	School	College	Hospital	Hotel	Misc.
		Sensors, CO2 Sensors, Etc.)										
2	100	Base Cooking										
2	101	High-Efficiency Convection Oven			20.0%							
2	102	High-Efficiency Range and Oven			20.0%							
2	190	Base Mercury Vapor 400W Lamp										
2	191	High Pressure Sodium 250W Lamp	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	192	Outdoor Lighting Controls (Photocell/Timeclock)	11.0%	11.0%	11.0%	11.0%	11.0%	11.0%	11.0%	11.0%	11.0%	11.0%
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons										
2	201	Chiller Tune-Up / Diagnostics	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	9.3%	10.3%	2.5%	9.4%	12.4%	3.9%	4.0%	1.2%	7.0%	2.5%
2	207	Installation of Energy Management Systems	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	208	Insulation of Pipes	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2	209	Installation of Chiller Economizers (water side)	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	210	Optimize Chilled Water and Condenser Water Settings	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
2	203	Roof / Ceiling Insulation	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	203	HE Chiller, 0.51 kW/ton, 300 Tons	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%	21.5%
2	205	EMS Optimization										
2	204	Cool Roofs (Reflective and Spray	1.8%	6.9%	13.0%	15.5%	18.4%	6.1%	1.3%	0.6%	0.4%	13.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	FoodStore	Warehouse	School	College	Hospital	Hotel	Misc.
		Evaporative)										
2	250	Base DX Packaged System, EER=10.3, 10 tons										
2	251	DX Tune-Up / Diagnostics	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	252	High-Efficiency Packaged A/C System	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	256	Duct Insulation	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
2	257	Duct Repair and Sealing	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2	261	Clock / Programmable Thermostat	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	262	Installation of Air Side Economizers	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%										
2	401	Energy Efficient Fan & Pump Motors	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
2	402	VSD, ASD Fan & Pump Applications	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
2	500	Base Refrigeration System										
2	501	High Efficiency Case Fans				12.0%						
2	502	Strip Curtains for Walk-Ins				4.0%						
2	503	Night Covers for Display Cases				5.8%						
2	504	Reduced Speed or Cycling of Evaporator Fans				0.6%						
2	505	High-Efficiency Compressors				6.8%						
2	506	Compressor VSD retrofit				6.2%						
2	507	Installation of Floating Condenser Head Pressure Controls				6.8%						

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	FoodStore	Warehouse	School	College	Hospital	Hotel	Misc.
2	508	Refrigeration Commissioning				5.0%						
2	509	Demand Hot Gas Defrost				2.5%						
2	510	Demand Defrost Electric				7.8%						
2	511	Anti-Sweat (Humidistat) Controls				5.0%						
2	610	Base Desktop PC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	611	ENERGY STAR or Better Office Equipment: Computer	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%
2	620	Base Display Monitor										
2	621	ENERGY STAR or Better Office Equipment: Monitors	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%
2	623	Smart Networks	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
2	630	Base Copier	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	631	ENERGY STAR or Better Office Equipment: Copiers	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
2	640	Base Laser Printer	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	641	ENERGY STAR or Better Office Equipment: Printers	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%
2	700	Base Water Heating										
2	701	Demand controlled circulating systems	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
2	702	Heat Pump Water Heater	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
2	703	High-Efficiency Water Heater (electric)	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%
2	704	Hot Water (SHW) Pipe Insulation	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
2	800	Base Heating										
2	802	Roof / Ceiling Insulation	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	805	Clock / Programmable Thermostat	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
2	810	Installation of Air Side Economizers	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
2	812	Installation of Automated Building	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	FoodStore	Warehouse	School	College	Hospital	Hotel	Misc.
		Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)										

EUI Adjustment Factor

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	100	Base Cooking			100.0%							
1	101	High-Efficiency Convection Oven			100.0%							
1	102	High-Efficiency Range and Oven			100.0%							
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	111	RET 4L4' Premium T8, 1EB	70.0%	70.0%	70.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	112	RET 2L4' Premium T8, 1EB, Reflector	70.0%	70.0%	70.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	70.0%	70.0%	70.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	70.0%	70.0%	70.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	115	RNV 2L4'T5HO, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	121	RET 2L4' Premium T8, 1EB	70.0%	70.0%	70.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	70.0%	70.0%	70.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	125	RNV 1L4'T5HO, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	131	RET 2L8'T12, 60W, 1EB	70.0%	70.0%	70.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	132	RET 1L8'T12, 60W, 1EB, Reflector	70.0%	70.0%	70.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	140	Base Incandescent Flood, 75W	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	141	CFL Screw-in, Modular 18W	70.0%	70.0%	70.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	150	Base Incandescent Flood, 150W PAR	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	151	Halogen PAR Flood, 90W	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	152	Metal Halide, 50W	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	161	RET 2L4'T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	170	Base Mercury Vapor 400W Lamp	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	171	High Pressure Sodium 250W Lamp	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	180	Base 4L4'T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	181	ROB 4L4' Premium T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	185	Base 2L4'T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	186	ROB 2L4' Premium T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	187	Occupancy Sensor, 8L4' Fluorescent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		Fixtures										
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	201	Chiller Tune-Up / Diagnostics	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	207	Installation of Energy Management Systems	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	208	Insulation of Pipes	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	209	Installation of Chiller Economizers (water side)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	210	Optimize Chilled Water and Condenser Water Settings	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	203	Roof / Ceiling Insulation	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	203	HE Chiller, 0.51 kW/ton, 300 Tons	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%
1	205	EMS Optimization	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	204	Cool Roofs (Reflective and Spray Evaporative)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	250	Base DX Packaged System, EER=10.3, 10 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	251	DX Tune-Up / Diagnostics	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	252	High-Efficiency Packaged A/C System	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		Cooling, and Absorption Cooling										
1	256	Duct Insulation	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	257	Duct Repair and Sealing	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	261	Clock / Programmable Thermostat	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	262	Installation of Air Side Economizers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	401	Energy Efficient Fan & Pump Motors	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	402	VSD, ASD Fan & Pump Applications	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	500	Base Refrigeration System				100.0%						
1	501	High Efficiency Case Fans				100.0%						
1	502	Strip Curtains for Walk-Ins				100.0%						
1	503	Night Covers for Display Cases				100.0%						
1	504	Reduced Speed or Cycling of Evaporator Fans				100.0%						
1	505	High-Efficiency Compressors				100.0%						
1	506	Compressor VSD retrofit				100.0%						
1	507	Installation of Floating Condenser Head Pressure Controls				100.0%						
1	508	Refrigeration Commissioning				100.0%						
1	509	Demand Hot Gas Defrost				100.0%						
1	510	Demand Defrost Electric				100.0%						
1	511	Anti-Sweat (Humidistat) Controls				100.0%						
1	610	Base Desktop PC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	611	ENERGY STAR or Better Office Equipment: Computer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	620	Base Display Monitor	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	621	ENERGY STAR or Better Office	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		Equipment: Monitors										
1	623	Smart Networks	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	630	Base Copier	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	631	ENERGY STAR or Better Office Equipment: Copiers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	640	Base Laser Printer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	641	ENERGY STAR or Better Office Equipment: Printers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	700	Base Water Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	701	Demand controlled circulating systems	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	702	Heat Pump Water Heater	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	703	High-Efficiency Water Heater (electric)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	704	Hot Water (SHW) Pipe Insulation	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	800	Base Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	802	Roof / Ceiling Insulation	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	805	Clock / Programmable Thermostat	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	810	Installation of Air Side Economizers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	100	Base Cooking			100.0%							
2	101	High-Efficiency Convection Oven			100.0%							
2	102	High-Efficiency Range and Oven			100.0%							
2	190	Base NC Lighting	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
2	191	10 % More Efficient Design (Lighting)	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
2	192	20 % More Efficient Design (Lighting)	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	201	Chiller Tune-Up / Diagnostics	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	207	Installation of Energy Management Systems	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	208	Insulation of Pipes	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	209	Installation of Chiller Economizers (water side)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	210	Optimize Chilled Water and Condenser Water Settings	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	203	Roof / Ceiling Insulation	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	203	HE Chiller, 0.51 kW/ton, 300 Tons	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%	89.2%
2	205	EMS Optimization	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	204	Cool Roofs (Reflective and Spray Evaporative)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	250	Base DX Packaged System, EER=10.3, 10 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	251	DX Tune-Up / Diagnostics	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	252	High-Efficiency Packaged A/C System	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%	86.4%
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	256	Duct Insulation	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	257	Duct Repair and Sealing	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	261	Clock / Programmable Thermostat	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	262	Installation of Air Side Economizers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	401	Energy Efficient Fan & Pump Motors	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	402	VSD, ASD Fan & Pump Applications	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	500	Base Refrigeration System				100.0%						
2	501	High Efficiency Case Fans				100.0%						
2	502	Strip Curtains for Walk-Ins				100.0%						
2	503	Night Covers for Display Cases				100.0%						
2	504	Reduced Speed or Cycling of Evaporator Fans				100.0%						
2	505	High-Efficiency Compressors				100.0%						
2	506	Compressor VSD retrofit				100.0%						
2	507	Installation of Floating Condenser Head Pressure Controls				100.0%						
2	508	Refrigeration Commissioning				100.0%						
2	509	Demand Hot Gas Defrost				100.0%						
2	510	Demand Defrost Electric				100.0%						
2	511	Anti-Sweat (Humidistat) Controls				100.0%						
2	610	Base Desktop PC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	611	ENERGY STAR or Better Office Equipment: Computer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	620	Base Display Monitor	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	621	ENERGY STAR or Better Office Equipment: Monitors	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	623	Smart Networks	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	630	Base Copier	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	631	ENERGY STAR or Better Office Equipment: Copiers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	640	Base Laser Printer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	641	ENERGY STAR or Better Office Equipment: Printers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	700	Base Water Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	701	Demand controlled circulating systems	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	702	Heat Pump Water Heater	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	703	High-Efficiency Water Heater (electric)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	704	Hot Water (SHW) Pipe Insulation	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	800	Base Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	802	Roof / Ceiling Insulation	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	805	Clock / Programmable Thermostat	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	810	Installation of Air Side Economizers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Feasibility Factor

Seg	Measure #	C.1.2 PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	100	Base Cooking			25%							
1	101	High-Efficiency Convection Oven			25.0%							
1	102	High-Efficiency Range and Oven			25.0%							
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	111	RET 4L4' Premium T8, 1EB	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	112	RET 2L4' Premium T8, 1EB, Reflector	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	40.0%	10.0%	10.0%	10.0%	20.0%	50.0%	50.0%	50.0%	20.0%	20.0%
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	40.0%	50.0%	12.0%	26.0%	40.0%	30.0%	30.0%	10.0%	30.0%	30.0%
1	115	RNV 2L4'T5HO, 1EB	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	121	RET 2L4' Premium T8, 1EB	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	40.0%	10.0%	10.0%	10.0%	20.0%	50.0%	50.0%	50.0%	20.0%	20.0%
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	40.0%	50.0%	12.0%	26.0%	40.0%	30.0%	30.0%	10.0%	30.0%	30.0%
1	125	RNV 1L4'T5HO, 1EB	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
1	130	Base Fluorescent Fixture, 2L8'T12,	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	<i>C.1.2 PSE Measure Description</i>	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		60W, 1EEMAG										
1	131	RET 2L8'T12, 60W, 1EB	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	132	RET 1L8'T12, 60W, 1EB, Reflector	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	40.0%	10.0%	10.0%	10.0%	20.0%	50.0%	50.0%	50.0%	20.0%	20.0%
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	40.0%	20.0%	12.0%	26.0%	40.0%	30.0%	30.0%	10.0%	30.0%	30.0%
1	140	Base Incandescent Flood, 75W	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	141	CFL Screw-in, Modular 18W	90.0%	50.0%	50.0%	90.0%	90.0%	90.0%	90.0%	90.0%	70.0%	90.0%
1	150	Base Incandescent Flood, 150W PAR	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	151	Halogen PAR Flood, 90W	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	152	Metal Halide, 50W	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	161	RET 2L4'T8, 1EB	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	170	Base Mercury Vapor 400W Lamp	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	171	High Pressure Sodium 250W Lamp	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	75.0%	50.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	180	Base 4L4'T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	181	ROB 4L4' Premium T8, 1EB	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
1	185	Base 2L4'T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	186	ROB 2L4' Premium T8, 1EB	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	<i>C.1.2 PSE Measure Description</i>	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	201	Chiller Tune-Up / Diagnostics	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	75.0%	75.0%	50.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	207	Installation of Energy Management Systems	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	208	Insulation of Pipes	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	209	Installation of Chiller Economizers (water side)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	210	Optimize Chilled Water and Condenser Water Settings	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	203	Roof / Ceiling Insulation	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	203	HE Chiller, 0.51 kW/ton, 300 Tons	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	205	EMS Optimization	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	204	Cool Roofs (Reflective and Spray Evaporative)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	250	Base DX Packaged System, EER=10.3, 10 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	251	DX Tune-Up / Diagnostics	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	252	High-Efficiency Packaged A/C	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	C.1.2 PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		System										
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
1	256	Duct Insulation	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
1	257	Duct Repair and Sealing	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	261	Clock / Programmable Thermostat	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	262	Installation of Air Side Economizers	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	401	Energy Efficient Fan & Pump Motors	29.3%	25.0%	81.4%	25.0%	44.5%	33.2%	11.9%	14.3%	93.5%	65.2%
1	402	VSD, ASD Fan & Pump Applications	70.7%	75.0%	18.6%	75.0%	55.5%	66.8%	88.1%	85.7%	6.5%	34.8%
1	500	Base Refrigeration System				100.0%						
1	501	High Efficiency Case Fans				100.0%						
1	502	Strip Curtains for Walk-Ins				100.0%						
1	503	Night Covers for Display Cases				50.0%						
1	504	Reduced Speed or Cycling of Evaporator Fans				100.0%						
1	505	High-Efficiency Compressors				100.0%						
1	506	Compressor VSD retrofit				50.0%						
1	507	Installation of Floating Condenser Head Pressure Controls				100.0%						
1	508	Refrigeration Commissioning				100.0%						

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	<i>C.1.2 PSE Measure Description</i>	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	509	Demand Hot Gas Defrost				100.0%						
1	510	Demand Defrost Electric				100.0%						
1	511	Anti-Sweat (Humidistat) Controls				100.0%						
1	610	Base Desktop PC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	611	ENERGY STAR or Better Office Equipment: Computer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	620	Base Display Monitor	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	621	ENERGY STAR or Better Office Equipment: Monitors	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	623	Smart Networks	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
1	630	Base Copier	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	631	ENERGY STAR or Better Office Equipment: Copiers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	640	Base Laser Printer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	641	ENERGY STAR or Better Office Equipment: Printers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	700	Base Water Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	701	Demand controlled circulating systems	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	702	Heat Pump Water Heater	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	703	High-Efficiency Water Heater (electric)	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
1	704	Hot Water (SHW) Pipe Insulation	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	800	Base Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	802	Roof / Ceiling Insulation	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	C.1.2 PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	805	Clock / Programmable Thermostat	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
1	810	Installation of Air Side Economizers	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	100	Base Cooking			25.0%							
2	101	High-Efficiency Convection Oven			25.0%							
2	102	High-Efficiency Range and Oven			25.0%							
2	190	Base NC Lighting	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	191	10 % More Efficient Design (Lighting)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	192	20 % More Efficient Design (Lighting)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	201	Chiller Tune-Up / Diagnostics	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	75.0%	75.0%	50.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
2	207	Installation of Energy Management Systems	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	208	Insulation of Pipes	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	209	Installation of Chiller Economizers (water side)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	210	Optimize Chilled Water and Condenser Water Settings	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	203	Roof / Ceiling Insulation	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	202	Installation of Automated Building Ventilation Control (Via Occupancy	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	C.1.2 PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		Sensors, CO2 Sensors, Etc.)										
2	203	HE Chiller, 0.51 kW/ton, 300 Tons	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	205	EMS Optimization	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	204	Cool Roofs (Reflective and Spray Evaporative)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	250	Base DX Packaged System, EER=10.3, 10 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	251	DX Tune-Up / Diagnostics	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	252	High-Efficiency Packaged A/C System	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
2	256	Duct Insulation	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
2	257	Duct Repair and Sealing	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	261	Clock / Programmable Thermostat	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
2	262	Installation of Air Side Economizers	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	401	Energy Efficient Fan & Pump Motors	29.3%	25.0%	81.4%	25.0%	44.5%	33.2%	11.9%	14.3%	93.5%	65.2%
2	402	VSD, ASD Fan & Pump Applications	70.7%	75.0%	18.6%	75.0%	55.5%	66.8%	88.1%	85.7%	6.5%	34.8%
2	500	Base Refrigeration System				100.0%						
2	501	High Efficiency Case Fans				100.0%						
2	502	Strip Curtains for Walk-Ins				100.0%						

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	<i>C.1.2 PSE Measure Description</i>	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	503	Night Covers for Display Cases				50.0%						
2	504	Reduced Speed or Cycling of Evaporator Fans				100.0%						
2	505	High-Efficiency Compressors				100.0%						
2	506	Compressor VSD retrofit				50.0%						
2	507	Installation of Floating Condenser Head Pressure Controls				100.0%						
2	508	Refrigeration Commissioning				100.0%						
2	509	Demand Hot Gas Defrost				100.0%						
2	510	Demand Defrost Electric				100.0%						
2	511	Anti-Sweat (Humidistat) Controls				100.0%						
2	610	Base Desktop PC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	611	ENERGY STAR or Better Office Equipment: Computer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	620	Base Display Monitor	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	621	ENERGY STAR or Better Office Equipment: Monitors	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	623	Smart Networks	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
2	630	Base Copier	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	631	ENERGY STAR or Better Office Equipment: Copiers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	640	Base Laser Printer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	641	ENERGY STAR or Better Office Equipment: Printers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	700	Base Water Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	<i>C.1.2 PSE Measure Description</i>	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	701	Demand controlled circulating systems	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	702	Heat Pump Water Heater	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
2	703	High-Efficiency Water Heater (electric)	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
2	704	Hot Water (SHW) Pipe Insulation	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	800	Base Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	802	Roof / Ceiling Insulation	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	805	Clock / Programmable Thermostat	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
2	810	Installation of Air Side Economizers	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%

Incomplete Factor

C.1.	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	100	Base Cooking			75%							
1	101	High-Efficiency Convection Oven			75.0%							
1	102	High-Efficiency Range and Oven			75.0%							
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	111	RET 4L4' Premium T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	112	RET 2L4' Premium T8, 1EB, Reflector	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	79.6%	100.0%	95.7%	100.0%	98.0%	94.7%	90.0%	90.0%	89.6%	95.0%
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	100.0%	100.0%	100.0%	100.0%	96.4%	100.0%	100.0%	100.0%	100.0%	100.0%
1	115	RNV 2L4'T5HO, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	121	RET 2L4' Premium T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	79.6%	100.0%	95.7%	100.0%	98.0%	94.7%	90.0%	90.0%	89.6%	95.0%
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	100.0%	100.0%	100.0%	100.0%	96.4%	100.0%	100.0%	100.0%	100.0%	100.0%
1	125	RNV 1L4'T5HO, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	130	Base Fluorescent Fixture, 2L8'T12,	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

C.1.	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		60W, 1EEMAG										
1	131	RET 2L8'T12, 60W, 1EB	26.6%	95.4%	68.1%	54.2%	84.7%	32.9%	50.0%	50.0%	79.9%	46.2%
1	132	RET 1L8'T12, 60W, 1EB, Reflector	26.6%	95.4%	68.1%	54.2%	84.7%	32.9%	50.0%	50.0%	79.9%	46.2%
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	79.6%	100.0%	95.7%	100.0%	98.0%	94.7%	90.0%	90.0%	89.6%	95.0%
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	100.0%	100.0%	100.0%	100.0%	96.4%	100.0%	100.0%	100.0%	100.0%	100.0%
1	140	Base Incandescent Flood, 75W	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	141	CFL Screw-in, Modular 18W	72.5%	75.0%	89.1%	95.4%	88.7%	88.4%	85.0%	85.0%	72.5%	95.3%
1	150	Base Incandescent Flood, 150W PAR	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	151	Halogen PAR Flood, 90W	100.0%	99.3%	100.0%	99.6%	100.0%	97.3%	95.0%	95.0%	99.0%	98.7%
1	152	Metal Halide, 50W	87.7%	83.2%	80.8%	88.7%	80.4%	71.0%	80.0%	80.0%	84.5%	96.0%
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	161	RET 2L4'T8, 1EB	59.0%	99.1%	89.8%	90.9%	98.0%	32.1%	100.0%	17.9%	100.0%	98.5%
1	170	Base Mercury Vapor 400W Lamp	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	171	High Pressure Sodium 250W Lamp	15.0%	25.5%	21.9%	16.2%	10.1%	14.8%	40.0%	11.5%	25.2%	19.4%
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	15.3%	51.7%	27.3%	22.7%	13.1%	30.7%	3.6%	22.8%	3.1%	30.4%
1	180	Base 4L4'T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	181	ROB 4L4' Premium T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	79.6%	100.0%	95.7%	100.0%	98.0%	94.7%	90.0%	90.0%	89.6%	95.0%
1	185	Base 2L4'T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

C.1.	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	186	ROB 2L4' Premium T8, 1EB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	79.6%	100.0%	95.7%	100.0%	98.0%	94.7%	90.0%	90.0%	89.6%	95.0%
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	201	Chiller Tune-Up / Diagnostics	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	99.4%	100.0%	100.0%	100.0%	100.0%	66.0%	66.0%	66.0%	92.9%	76.3%
1	207	Installation of Energy Management Systems	19.1%	100.0%	100.0%	100.0%	80.0%	70.7%	50.0%	75.0%	37.5%	100.0%
1	208	Insulation of Pipes	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	209	Installation of Chiller Economizers (water side)	56.9%	100.0%	100.0%	100.0%	100.0%	81.3%	100.0%	100.0%	40.1%	76.3%
1	210	Optimize Chilled Water and Condenser Water Settings	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	203	Roof / Ceiling Insulation	8.7%	100.0%	100.0%	20.0%	20.0%	23.4%	20.0%	20.0%	34.6%	40.2%
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	203	HE Chiller, 0.51 kW/ton, 300 Tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	205	EMS Optimization	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	204	Cool Roofs (Reflective and Spray Evaporative)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	250	Base DX Packaged System, EER=10.3, 10 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

C.1.	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	251	DX Tune-Up / Diagnostics	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	252	High-Efficiency Packaged A/C System	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	99.4%	100.0%	100.0%	100.0%	100.0%	66.0%	66.0%	66.0%	92.9%	76.3%
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
1	256	Duct Insulation	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
1	257	Duct Repair and Sealing	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
1	261	Clock / Programmable Thermostat	58.4%	50.0%	80.4%	84.7%	46.6%	41.1%	30.0%	60.0%	80.0%	35.9%
1	262	Installation of Air Side Economizers	30.4%	92.3%	55.4%	98.6%	53.5%	41.1%	100.0%	40.0%	40.0%	79.7%
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	401	Energy Efficient Fan & Pump Motors	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	402	VSD, ASD Fan & Pump Applications	85.0%	50.0%	41.9%	50.0%	100.0%	100.0%	83.5%	86.8%	100.0%	83.8%
1	500	Base Refrigeration System				100.0%						
1	501	High Efficiency Case Fans				95.0%						
1	502	Strip Curtains for Walk-Ins				30.0%						
1	503	Night Covers for Display Cases				95.0%						
1	504	Reduced Speed or Cycling of Evaporator Fans				80.0%						
1	505	High-Efficiency Compressors				81.0%						
1	506	Compressor VSD retrofit				95.0%						
1	507	Installation of Floating Condenser Head Pressure Controls				44.4%						

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

C.1.	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	508	Refrigeration Commissioning				50.0%						
1	509	Demand Hot Gas Defrost				69.6%						
1	510	Demand Defrost Electric				48.0%						
1	511	Anti-Sweat (Humidistat) Controls				48.0%						
1	610	Base Desktop PC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	611	ENERGY STAR or Better Office Equipment: Computer	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%
1	620	Base Display Monitor	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	621	ENERGY STAR or Better Office Equipment: Monitors	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%
1	623	Smart Networks	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
1	630	Base Copier	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	631	ENERGY STAR or Better Office Equipment: Copiers	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%
1	640	Base Laser Printer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	641	ENERGY STAR or Better Office Equipment: Printers	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%
1	700	Base Water Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	701	Demand controlled circulating systems	93.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	90.0%	100.0%	100.0%
1	702	Heat Pump Water Heater	100.0%	100.0%	100.0%	100.0%	100.0%	87.2%	100.0%	100.0%	100.0%	100.0%
1	703	High-Efficiency Water Heater (electric)	90.0%	90.0%	90.0%	90.0%	90.0%	80.0%	90.0%	90.0%	90.0%	90.0%
1	704	Hot Water (SHW) Pipe Insulation	39.3%	100.0%	100.0%	100.0%	95.2%	9.9%	80.0%	80.0%	100.0%	100.0%
1	800	Base Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1	802	Roof / Ceiling Insulation	12.9%	55.7%	67.0%	85.0%	33.7%	44.9%	40.0%	40.0%	62.3%	13.4%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

C.1.	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	805	Clock / Programmable Thermostat	76.3%	50.0%	46.2%	50.0%	41.8%	77.2%	70.0%	70.0%	59.4%	41.8%
1	810	Installation of Air Side Economizers	86.4%	87.3%	46.7%	100.0%	100.0%	43.0%	40.0%	40.0%	94.9%	66.5%
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	100	Base Cooking			75.0%							
2	101	High-Efficiency Convection Oven			75.0%							
2	102	High-Efficiency Range and Oven			75.0%							
2	190	Base NC Lighting	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	191	10 % More Efficient Design (Lighting)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	192	20 % More Efficient Design (Lighting)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	201	Chiller Tune-Up / Diagnostics	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	99.4%	100.0%	100.0%	100.0%	100.0%	66.0%	66.0%	66.0%	92.9%	76.3%
2	207	Installation of Energy Management Systems	19.1%	100.0%	100.0%	100.0%	80.0%	70.7%	50.0%	75.0%	37.5%	100.0%
2	208	Insulation of Pipes	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	209	Installation of Chiller Economizers (water side)	56.9%	100.0%	100.0%	100.0%	100.0%	81.3%	100.0%	100.0%	40.1%	76.3%
2	210	Optimize Chilled Water and Condenser Water Settings	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	203	Roof / Ceiling Insulation	8.7%	100.0%	100.0%	20.0%	20.0%	23.4%	20.0%	20.0%	34.6%	40.2%
2	202	Installation of Automated Building	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

C.1.	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)										
2	203	HE Chiller, 0.51 kW/ton, 300 Tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	205	EMS Optimization	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	204	Cool Roofs (Reflective and Spray Evaporative)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	250	Base DX Packaged System, EER=10.3, 10 tons	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	251	DX Tune-Up / Diagnostics	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	252	High-Efficiency Packaged A/C System	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	99.4%	100.0%	100.0%	100.0%	100.0%	66.0%	66.0%	66.0%	92.9%	76.3%
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
2	256	Duct Insulation	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
2	257	Duct Repair and Sealing	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
2	261	Clock / Programmable Thermostat	58.4%	50.0%	80.4%	84.7%	46.6%	41.1%	30.0%	60.0%	80.0%	35.9%
2	262	Installation of Air Side Economizers	30.4%	92.3%	55.4%	98.6%	53.5%	41.1%	100.0%	40.0%	40.0%	79.7%
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	401	Energy Efficient Fan & Pump Motors	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	402	VSD, ASD Fan & Pump Applications	85.0%	50.0%	41.9%	50.0%	100.0%	100.0%	83.5%	86.8%	100.0%	83.8%
2	500	Base Refrigeration System				100.0%						
2	501	High Efficiency Case Fans				95.0%						

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C.1.	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	502	Strip Curtains for Walk-Ins				30.0%						
2	503	Night Covers for Display Cases				95.0%						
2	504	Reduced Speed or Cycling of Evaporator Fans				80.0%						
2	505	High-Efficiency Compressors				81.0%						
2	506	Compressor VSD retrofit				95.0%						
2	507	Installation of Floating Condenser Head Pressure Controls				44.4%						
2	508	Refrigeration Commissioning				50.0%						
2	509	Demand Hot Gas Defrost				69.6%						
2	510	Demand Defrost Electric				48.0%						
2	511	Anti-Sweat (Humidistat) Controls				48.0%						
2	610	Base Desktop PC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	611	ENERGY STAR or Better Office Equipment: Computer	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%	65.0%
2	620	Base Display Monitor	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	621	ENERGY STAR or Better Office Equipment: Monitors	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%
2	623	Smart Networks	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
2	630	Base Copier	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	631	ENERGY STAR or Better Office Equipment: Copiers	33.0%	33.0%	33.0%	33.0%	33.0%	33.0%	33.0%	33.0%	33.0%	33.0%
2	640	Base Laser Printer	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	641	ENERGY STAR or Better Office Equipment: Printers	99.0%	99.0%	99.0%	99.0%	99.0%	99.0%	99.0%	99.0%	99.0%	99.0%

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

C.1.	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	700	Base Water Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	701	Demand controlled circulating systems	93.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	90.0%	100.0%	100.0%
2	702	Heat Pump Water Heater	100.0%	100.0%	100.0%	100.0%	100.0%	87.2%	100.0%	100.0%	100.0%	100.0%
2	703	High-Efficiency Water Heater (electric)	90.0%	90.0%	90.0%	90.0%	90.0%	80.0%	90.0%	90.0%	90.0%	90.0%
2	704	Hot Water (SHW) Pipe Insulation	39.3%	100.0%	100.0%	100.0%	95.2%	9.9%	80.0%	80.0%	100.0%	100.0%
2	800	Base Heating	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2	802	Roof / Ceiling Insulation	12.9%	55.7%	67.0%	85.0%	33.7%	44.9%	40.0%	40.0%	62.3%	13.4%
2	805	Clock / Programmable Thermostat	76.3%	50.0%	46.2%	50.0%	41.8%	77.2%	70.0%	70.0%	59.4%	41.8%
2	810	Installation of Air Side Economizers	86.4%	87.3%	46.7%	100.0%	100.0%	43.0%	40.0%	40.0%	94.9%	66.5%
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Technology Saturation

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	100	Base Cooking			0.05502							
1	101	High-Efficiency Convection Oven			0.05502							
1	102	High-Efficiency Range and Oven			0.05502							
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	0.01376	0.01529	0.01403	0.01364	0.00682	0.01231	0.01155	0.01342	0.00671	0.01291
1	111	RET 4L4' Premium T8, 1EB	0.01376	0.01529	0.01403	0.01364	0.00682	0.01231	0.01155	0.01342	0.00671	0.01291
1	112	RET 2L4' Premium T8, 1EB, Reflector	0.01376	0.01529	0.01403	0.01364	0.00682	0.01231	0.01155	0.01342	0.00671	0.01291
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	0.01376	0.01529	0.01403	0.01364	0.00682	0.01231	0.01155	0.01342	0.00671	0.01291
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	0.01376	0.01529	0.01403	0.01364	0.00682	0.01231	0.01155	0.01342	0.00671	0.01291
1	115	RNV 2L4'T5HO, 1EB	0.01376	0.01529	0.01403	0.01364	0.00682	0.01231	0.01155	0.01342	0.00671	0.01291
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	0.02671	0.03045	0.02717	0.02622	0.01349	0.02364	0.02246	0.02614	0.01319	0.02532
1	121	RET 2L4' Premium T8, 1EB	0.02671	0.03045	0.02717	0.02622	0.01349	0.02364	0.02246	0.02614	0.01319	0.02532
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	0.02671	0.03045	0.02717	0.02622	0.01349	0.02364	0.02246	0.02614	0.01319	0.02532
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	0.02671	0.03045	0.02717	0.02622	0.01349	0.02364	0.02246	0.02614	0.01319	0.02532
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	0.02671	0.03045	0.02717	0.02622	0.01349	0.02364	0.02246	0.02614	0.01319	0.02532
1	125	RNV 1L4'T5HO, 1EB	0.02671	0.03045	0.02717	0.02622	0.01349	0.02364	0.02246	0.02614	0.01319	0.02532
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	0.01430	0.01754	0.01529	0.01483	0.00836	0.01442	0.01294	0.01394	0.00724	0.01407

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	131	RET 2L8'T12, 60W, 1EB	0.01430	0.01754	0.01529	0.01483	0.00836	0.01442	0.01294	0.01394	0.00724	0.01407
1	132	RET 1L8'T12, 60W, 1EB, Reflector	0.01430	0.01754	0.01529	0.01483	0.00836	0.01442	0.01294	0.01394	0.00724	0.01407
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	0.01430	0.01754	0.01529	0.01483	0.00836	0.01442	0.01294	0.01394	0.00724	0.01407
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	0.01430	0.01754	0.01529	0.01483	0.00836	0.01442	0.01294	0.01394	0.00724	0.01407
1	140	Base Incandescent Flood, 75W	0.09374	0.11668	0.09702	0.09816	0.05576	0.08011	0.07913	0.09545	0.05148	0.10165
1	141	CFL Screw-in, Modular 18W	0.09374	0.11668	0.09702	0.09816	0.05576	0.08011	0.07913	0.09545	0.05148	0.10165
1	150	Base Incandescent Flood, 150W PAR	0.03901	0.04171	0.04144	0.07312	0.02190	0.01698	0.03115	0.02319	0.01612	0.04270
1	151	Halogen PAR Flood, 90W	0.03901	0.04171	0.04144	0.07312	0.02190	0.01698	0.03115	0.02319	0.01612	0.04270
1	152	Metal Halide, 50W	0.03901	0.04171	0.04144	0.07312	0.02190	0.01698	0.03115	0.02319	0.01612	0.04270
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	0.00507	0.01248	0.00398	0.00621	0.00063	0.00418	0.00081	0.00128	0.00200	0.00337
1	161	RET 2L4'T8, 1EB	0.00507	0.01248	0.00398	0.00621	0.00063	0.00418	0.00081	0.00128	0.00200	0.00337
1	170	Base Mercury Vapor 400W Lamp	0.00105	0.00265	0.00085	0.00136	0.00014	0.00083	0.00016	0.00025	0.00043	0.00074
1	171	High Pressure Sodium 250W Lamp	0.00105	0.00265	0.00085	0.00136	0.00014	0.00083	0.00016	0.00025	0.00043	0.00074
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	0.00026	0.00066	0.00021	0.00034	0.00004	0.00021	0.00004	0.00006	0.00011	0.00018
1	180	Base 4L4'T8, 1EB	0.01376	0.01529	0.01403	0.01364	0.00682	0.01231	0.01155	0.01342	0.00671	0.01291
1	181	ROB 4L4' Premium T8, 1EB	0.01376	0.01529	0.01403	0.01364	0.00682	0.01231	0.01155	0.01342	0.00671	0.01291
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	0.01376	0.01529	0.01403	0.01364	0.00682	0.01231	0.01155	0.01342	0.00671	0.01291
1	185	Base 2L4'T8, 1EB	0.02671	0.03045	0.02717	0.02622	0.01349	0.02364	0.02246	0.02614	0.01319	0.02532
1	186	ROB 2L4' Premium T8, 1EB	0.02671	0.03045	0.02717	0.02622	0.01349	0.02364	0.02246	0.02614	0.01319	0.02532
1	187	Occupancy Sensor, 8L4' Fluorescent	0.02671	0.03045	0.02717	0.02622	0.01349	0.02364	0.02246	0.02614	0.01319	0.02532

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		Fixtures										
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	201	Chiller Tune-Up / Diagnostics	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	0.08770	0.04600	0.02844	0.04090	0.01707	0.02423	0.06252	0.02012	0.09450	0.02844
1	207	Installation of Energy Management Systems	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	208	Insulation of Pipes	0.00098	0.00638	0.00591	0.00232	0.00042	0.00377	0.00634	0.00233	0.00864	0.00234
1	209	Installation of Chiller Economizers (water side)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
1	210	Optimize Chilled Water and Condenser Water Settings	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00002	0.00002	0.00002	0.00001
1	203	Roof / Ceiling Insulation	0.66373	0.96180	0.91481	0.98187	0.92540	0.95274	0.60215	0.87281	0.43073	0.90014
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	203	HE Chiller, 0.51 kW/ton, 300 Tons	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	205	EMS Optimization										
1	204	Cool Roofs (Reflective and Spray Evaporative)	0.50000	1.00000	1.00000	1.00000	1.00000	0.50000	0.43333	0.33333	0.08333	1.00000
1	250	Base DX Packaged System, EER=10.3, 10 tons	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	251	DX Tune-Up / Diagnostics	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	252	High-Efficiency Packaged A/C System	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	253	High Efficiency Windows (Low-E Glass	0.08770	0.04600	0.02844	0.04090	0.01707	0.02423	0.06252	0.02012	0.09450	0.02844

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		or Multiple Glazed)										
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	256	Duct Insulation	0.04533	0.07934	0.03109	0.03319	0.01533	0.01697	0.01450	0.01424	0.03146	0.03127
1	257	Duct Repair and Sealing	0.25000	0.25000	0.25000	0.25000	0.25000	0.25000	0.25000	0.25000	0.25000	0.25000
1	261	Clock / Programmable Thermostat	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
1	262	Installation of Air Side Economizers	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	0.00089	0.00194	0.00034	0.00115	0.00056	0.00045	0.00057	0.00064	0.00045	0.00142
1	401	Energy Efficient Fan & Pump Motors	0.00089	0.00194	0.00034	0.00115	0.00056	0.00045	0.00057	0.00064	0.00045	0.00142
1	402	VSD, ASD Fan & Pump Applications	0.00089	0.00194	0.00034	0.00115	0.00056	0.00045	0.00057	0.00064	0.00045	0.00142
1	500	Base Refrigeration System				0.00003						
1	501	High Efficiency Case Fans				0.00003						
1	502	Strip Curtains for Walk-Ins				0.00003						
1	503	Night Covers for Display Cases				0.01230						
1	504	Reduced Speed or Cycling of Evaporator Fans				0.00015						
1	505	High-Efficiency Compressors				0.00003						
1	506	Compressor VSD retrofit				0.00003						
1	507	Installation of Floating Condenser Head Pressure Controls				0.00003						
1	508	Refrigeration Commissioning				0.00155						
1	509	Demand Hot Gas Defrost				0.00130						
1	510	Demand Defrost Electric				0.00130						
1	511	Anti-Sweat (Humidistat) Controls				0.00003						

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
1	610	Base Desktop PC	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
1	611	ENERGY STAR or Better Office Equipment: Computer	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
1	620	Base Display Monitor	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
1	621	ENERGY STAR or Better Office Equipment: Monitors	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
1	623	Smart Networks	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
1	630	Base Copier	0.00017	0.00003	0.00006	0.00006	0.00011	0.00007	0.00002	0.00020	0.00001	0.00021
1	631	ENERGY STAR or Better Office Equipment: Copiers	0.00017	0.00003	0.00006	0.00006	0.00011	0.00007	0.00002	0.00020	0.00001	0.00021
1	640	Base Laser Printer	0.00052	0.00010	0.00018	0.00006	0.00031	0.00032	0.00009	0.00056	0.00005	0.00053
1	641	ENERGY STAR or Better Office Equipment: Printers	0.00052	0.00010	0.00018	0.00006	0.00031	0.00032	0.00009	0.00056	0.00005	0.00053
1	700	Base Water Heating	0.00465	0.02000	0.01452	0.00677	0.00085	0.02037	0.03619	0.03182	0.02795	0.02730
1	701	Demand controlled circulating systems	0.00001	0.00009	0.00002	0.00007	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001
1	702	Heat Pump Water Heater	0.00465	0.02000	0.01452	0.00677	0.00085	0.02037	0.03619	0.03182	0.02795	0.02730
1	703	High-Efficiency Water Heater (electric)	0.00025	0.00108	0.00078	0.00036	0.00005	0.00110	0.00195	0.00171	0.00150	0.00147
1	704	Hot Water (SHW) Pipe Insulation	0.00098	0.00638	0.00591	0.00232	0.00042	0.00377	0.00634	0.00233	0.00864	0.00234
1	800	Base Heating	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
1	802	Roof / Ceiling Insulation	0.66373	0.96180	0.91481	0.98187	0.92540	0.95274	0.60215	0.87281	0.43073	0.90014
1	805	Clock / Programmable Thermostat	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
1	810	Installation of Air Side Economizers	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	100	Base Cooking			0.05502							
2	101	High-Efficiency Convection Oven			0.05502							
2	102	High-Efficiency Range and Oven			0.05502							
2	190	Base NC Lighting	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
2	191	10 % More Efficient Design (Lighting)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
2	192	20 % More Efficient Design (Lighting)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	201	Chiller Tune-Up / Diagnostics	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	0.08770	0.04600	0.02844	0.04090	0.01707	0.02423	0.06252	0.02012	0.09450	0.02844
2	207	Installation of Energy Management Systems	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	208	Insulation of Pipes	0.00098	0.00638	0.00591	0.00232	0.00042	0.00377	0.00634	0.00233	0.00864	0.00234
2	209	Installation of Chiller Economizers (water side)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
2	210	Optimize Chilled Water and Condenser Water Settings	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00002	0.00002	0.00002	0.00001
2	203	Roof / Ceiling Insulation	0.66373	0.96180	0.91481	0.98187	0.92540	0.95274	0.60215	0.87281	0.43073	0.90014
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	203	HE Chiller, 0.51 kW/ton, 300 Tons	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	205	EMS Optimization										
2	204	Cool Roofs (Reflective and Spray	0.50000	1.00000	1.00000	1.00000	1.00000	0.50000	0.43333	0.33333	0.08333	1.00000

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
		Evaporative)										
2	250	Base DX Packaged System, EER=10.3, 10 tons	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	251	DX Tune-Up / Diagnostics	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	252	High-Efficiency Packaged A/C System	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	0.08770	0.04600	0.02844	0.04090	0.01707	0.02423	0.06252	0.02012	0.09450	0.02844
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	256	Duct Insulation	0.04533	0.07934	0.03109	0.03319	0.01533	0.01697	0.01450	0.01424	0.03146	0.03127
2	257	Duct Repair and Sealing	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
2	261	Clock / Programmable Thermostat	0.00300	0.00250	0.00190	0.00325	0.00090	0.00225	0.00450	0.00450	0.00475	0.00200
2	262	Installation of Air Side Economizers	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	0.00089	0.00194	0.00034	0.00115	0.00056	0.00045	0.00057	0.00064	0.00045	0.00142
2	401	Energy Efficient Fan & Pump Motors	0.00089	0.00194	0.00034	0.00115	0.00056	0.00045	0.00057	0.00064	0.00045	0.00142
2	402	VSD, ASD Fan & Pump Applications	0.00089	0.00194	0.00034	0.00115	0.00056	0.00045	0.00057	0.00064	0.00045	0.00142
2	500	Base Refrigeration System				0.00003						
2	501	High Efficiency Case Fans				0.00003						
2	502	Strip Curtains for Walk-Ins				0.00003						
2	503	Night Covers for Display Cases				0.01230						
2	504	Reduced Speed or Cycling of Evaporator Fans				0.00015						
2	505	High-Efficiency Compressors				0.00003						
2	506	Compressor VSD retrofit				0.00003						

APPENDIX C

COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	507	Installation of Floating Condenser Head Pressure Controls				0.00003						
2	508	Refrigeration Commissioning				0.00155						
2	509	Demand Hot Gas Defrost				0.00130						
2	510	Demand Defrost Electric				0.00130						
2	511	Anti-Sweat (Humidistat) Controls				0.00003						
2	610	Base Desktop PC	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
2	611	ENERGY STAR or Better Office Equipment: Computer	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
2	620	Base Display Monitor	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
2	621	ENERGY STAR or Better Office Equipment: Monitors	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
2	623	Smart Networks	0.00183	0.00015	0.00030	0.00012	0.00099	0.00116	0.00031	0.00111	0.00010	0.00145
2	630	Base Copier	0.00017	0.00003	0.00006	0.00006	0.00011	0.00007	0.00002	0.00020	0.00001	0.00021
2	631	ENERGY STAR or Better Office Equipment: Copiers	0.00017	0.00003	0.00006	0.00006	0.00011	0.00007	0.00002	0.00020	0.00001	0.00021
2	640	Base Laser Printer	0.00052	0.00010	0.00018	0.00006	0.00031	0.00032	0.00009	0.00056	0.00005	0.00053
2	641	ENERGY STAR or Better Office Equipment: Printers	0.00052	0.00010	0.00018	0.00006	0.00031	0.00032	0.00009	0.00056	0.00005	0.00053
2	700	Base Water Heating	0.00465	0.02000	0.01452	0.00677	0.00085	0.02037	0.03619	0.03182	0.02795	0.02730
2	701	Demand controlled circulating systems	0.00001	0.00009	0.00002	0.00007	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001
2	702	Heat Pump Water Heater	0.00465	0.02000	0.01452	0.00677	0.00085	0.02037	0.03619	0.03182	0.02795	0.02730
2	703	High-Efficiency Water Heater (electric)	0.00025	0.00108	0.00078	0.00036	0.00005	0.00110	0.00195	0.00171	0.00150	0.00147
2	704	Hot Water (SHW) Pipe Insulation	0.00098	0.00638	0.00591	0.00232	0.00042	0.00377	0.00634	0.00233	0.00864	0.00234
2	800	Base Heating	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

Seg	Measure #	PSE Measure Description	Office	Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Hotel	Misc.
2	802	Roof / Ceiling Insulation	0.66373	0.96180	0.91481	0.98187	0.92540	0.95274	0.60215	0.87281	0.43073	0.90014
2	805	Clock / Programmable Thermostat	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
2	810	Installation of Air Side Economizers	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

Lighting

Seg	Measure #	Measure Description		Retail	Restaurant	Food Store	Warehouse	School	College	Hospital	Office	Retail
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	111	RET 4L4'T8, 1EB	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	112	RET 2L4'T8, 1EB, Reflector	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	115	RNV 2L4'T5HO, 1EB	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	121	RET 2L4'T8, 1EB	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	122	RET 1L4'T8, 1EB, Reflector OEM	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	125	RNV 1L4'T5HO, 1EB	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail

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COMMERCIAL ELECTRIC RESULTS AND DATA INPUTS

1	131	RET 2L8'T12, 60W, 1EB	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	132	RET 1L8'T12, 60W, 1EB, Reflector	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	140	Base Incandescent Flood, 75W	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	141	CFL Screw-in, Modular 18W	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	150	Base Incandescent Flood, 150W PAR	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	151	Halogen PAR Flood, 90W	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	152	Metal Halide, 50W	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	4,380	4,380	4,380	4,380	4,380	4,380	4,380	4,380	Office	Retail
1	161	RET 2L4'T8, 1EB	4,380	4,380	4,380	4,380	4,380	4,380	4,380	4,380	Office	Retail
1	170	Base Mercury Vapor 400W Lamp	4,380	4,380	4,380	4,380	4,380	4,380	4,380	4,380	Office	Retail
1	171	High Pressure Sodium 250W Lamp	4,380	4,380	4,380	4,380	4,380	4,380	4,380	4,380	Office	Retail
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	4,380	4,380	4,380	4,380	4,380	4,380	4,380	4,380	Office	Retail
1	180	Base 4L4'T8, 1EB	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	181	ROB 4L4' Premium T8, 1EB	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	185	Base 2L4'T8, 1EB	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	186	ROB 2L4' Premium T8, 1EB	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	4,358	2,847	3,113	6,055	3,212	2,045	2,158	5,999	Office	Retail

APPENDIX C

Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	Office	115.23	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	111	RET 4L4' Premium T8, 1EB	Office	86.26	28.97	28.97	25%	\$0.042	\$0.048	Lighting	Level B	Level C
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	Office	77.48	8.77	37.74	33%	\$0.047	\$0.054	Lighting	Level C	Level C
1	112	RET 2L4' Premium T8, 1EB, Reflector	Office	67.30	10.18	47.93	42%	\$0.040	\$0.046	Lighting	Level B	Level C
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	Office	47.11	20.19	68.12	59%	\$0.222	\$0.255	Lighting	Level F	Level F
1	115	RNV 2L4'T5HO, 1EB	Office	44.33	2.78	70.90	62%	\$0.423	\$0.486	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Office	86.42	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	Office	64.69	21.73	21.73	25%	\$0.056	\$0.064	Lighting	Level C	Level D
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	Office	58.11	6.58	28.31	33%	\$0.046	\$0.052	Lighting	Level C	Level C
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	Office	54.38	3.74	32.04	37%	\$0.057	\$0.066	Lighting	Level C	Level D
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	Office	38.06	16.31	48.36	56%	\$0.200	\$0.230	Lighting	Level F	Level F
1	125	RNV 1L4'T5HO, 1EB	Office	35.82	2.25	50.60	59%	\$0.716	\$0.824	Lighting	Level F	Level F
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	Office	325.05	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	Office	307.26	17.79	17.79	5%	\$0.069	\$0.079	Lighting	Level D	Level D
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	Office	276.01	31.25	49.04	15%	\$0.039	\$0.044	Lighting	Level B	Level B
1	132	RET 1L8'T12, 60W, 1EB, Reflector	Office	260.06	15.95	64.99	20%	\$0.026	\$0.030	Lighting	Level A	Level B
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	Office	182.04	78.02	143.01	44%	\$0.168	\$0.193	Lighting	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	140	Base Incandescent Flood, 75W	Office	133.92	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	Office	55.47	78.44	78.44	59%	\$0.049	\$0.057	Lighting	Level C	Level C
1	150	Base Incandescent Flood, 150W PAR	Office	133.92	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	Office	107.13	26.78	26.78	20%	\$0.161	\$0.185	Lighting	Level F	Level F
1	152	Metal Halide, 50W	Office	77.79	29.34	56.13	42%	\$0.565	\$0.650	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Office	325.05	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	Office	299.33	25.72	25.72	8%	\$0.016	\$0.018	Lighting	Level A	Level A
1	170	Base Mercury Vapor 400W Lamp	Office	1,010.45	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	Office	978.82	31.63	31.63	3%	\$0.009	\$0.010	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	Office	920.34	58.48	90.11	9%	\$0.015	\$0.017	Lighting	Level A	Level A
1	180	Base 4L4'T8, 1EB	Office	254.54	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	Office	222.38	32.15	32.15	13%	\$0.015	\$0.017	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	Office	211.08	11.31	43.46	17%	\$0.050	\$0.058	Lighting	Level C	Level C
1	185	Base 2L4'T8, 1EB	Office	190.90	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	186	ROB 2L4' Premium T8, 1EB	Office	164.57	26.33	26.33	14%	\$0.018	\$0.021	Lighting	Level A	Level A
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	Office	160.39	4.18	30.52	16%	\$0.050	\$0.057	Lighting	Level C	Level C
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Office	562.04	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	208	Insulation of Pipes	Office	560.63	1.41	1.41	0%	\$0.009	\$0.011	HVAC	Level A	Level A
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Office	521.90	38.73	40.14	7%	\$0.013	\$0.015	HVAC	Level A	Level A
1	201	Chiller Tune-Up/Diagnostics	Office	518.56	3.35	43.49	8%	\$0.168	\$0.193	HVAC	Level F	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Office	498.61	19.94	63.43	11%	\$0.124	\$0.143	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	207	Installation of Energy Management Systems	Office	493.44	5.17	68.60	12%	\$0.073	\$0.084	HVAC	Level D	Level D
1	203	Roof/Ceiling Insulation	Office	492.77	0.66	69.27	12%	\$0.288	\$0.332	HVAC	Level F	Level F
1	209	Installation of Chiller Economizers (water side)	Office	481.51	11.27	80.53	14%	\$0.155	\$0.178	HVAC	Level F	Level F
1	210	Optimize Chilled Water and Condenser Water Settings	Office	469.16	12.35	92.88	17%	\$0.179	\$0.206	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Office	468.53	0.63	93.51	17%	\$0.303	\$0.349	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Office	464.30	4.23	97.74	17%	\$0.614	\$0.706	HVAC	Level F	Level F
1	205	EMS Optimization	Office	464.30	0.00	97.74	17%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	Office	562.04	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	256	Duct Insulation	Office	560.96	1.08	1.08	0%	\$0.014	\$0.017	HVAC	Level A	Level A
1	261	Clock/Programmable Thermostat	Office	541.46	19.50	20.58	4%	\$0.031	\$0.035	HVAC	Level B	Level B
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Office	528.00	13.46	34.04	6%	\$0.026	\$0.029	HVAC	Level A	Level A
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Office	507.69	20.31	54.35	10%	\$0.122	\$0.140	HVAC	Level F	Level F
1	252	High-Efficiency Packaged A/C System	Office	490.44	17.25	71.60	13%	\$0.235	\$0.270	HVAC	Level F	Level F
1	262	Installation of Air Side Economizers	Office	480.84	9.60	81.20	14%	\$0.159	\$0.183	HVAC	Level F	Level F
1	251	DX Tune-Up/Diagnostics	Office	461.86	18.98	100.18	18%	\$0.293	\$0.337	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Office	461.24	0.62	100.80	18%	\$0.308	\$0.354	HVAC	Level F	Level F
1	254	Installation of Direct of Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Office	450.23	11.01	111.81	20%	\$0.420	\$0.483	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	Office	449.10	1.13	112.94	20%	\$0.119	\$0.137	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Office	445.05	4.06	117.00	21%	\$0.641	\$0.737	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Office	259.05	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	Office	210.14	48.91	48.91	19%	\$0.051	\$0.059	HVAC	Level C	Level C
1	401	Energy Efficient Fan & Pump Motors	Office	209.22	0.92	49.83	19%	\$0.392	\$0.451	HVAC	Level F	Level F
1	610	Base Desktop PC	Office	138.61	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	611	ENERGY STAR or Better Office Equipment: Computer	Office	63.38	75.23	75.23	54%	\$0.118	\$0.136	Appliances	Level F	Level F
1	620	Base Display Monitor	Office	133.40	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	Office	122.83	10.57	10.57	8%	\$0.014	\$0.016	Appliances	Level A	Level A
1	621	ENERGY STAR or Better Office Equipment: Monitors	Office	60.01	62.82	73.39	55%	\$0.155	\$0.178	Appliances	Level F	Level F
1	630	Base Copier	Office	44.13	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	Office	32.17	11.96	11.96	27%	\$0.138	\$0.159	Appliances	Level F	Level F
1	640	Base Laser Printer	Office	48.74	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	Office	26.64	22.10	22.10	45%	\$0.114	\$0.131	Appliances	Level F	Level F
1	700	Base Water Heating	Office	64.96	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	704	Hot Water (SHW) Pipe Insulation	Office	64.34	0.62	0.62	1%	\$0.027	\$0.031	Water Heat	Level A	Level B
1	701	Demand controlled circulating systems	Office	63.55	0.79	1.41	2%	\$0.155	\$0.178	Water Heat	Level F	Level F
1	702	Heat Pump Water Heater	Office	56.02	7.53	8.94	14%	\$0.699	\$0.804	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	Office	53.69	2.33	11.27	17%	\$1.139	\$1.309	Water Heat	Level F	Level F
1	800	Base Heating	Office	14.38	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	805	Clock/Programmable Thermostat	Office	12.46	1.92	1.92	13%	\$0.121	\$0.139	HVAC	Level F	Level F
1	802	Roof/Ceiling Insulation	Office	12.37	0.09	2.01	14%	\$0.392	\$0.451	HVAC	Level F	Level F
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Office	12.06	0.31	2.32	16%	\$0.872	\$1.003	HVAC	Level F	Level F
1	810	Installation of Air Side Economizers	Office	11.26	0.80	3.12	22%	\$0.615	\$0.708	HVAC	Level F	Level F
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	Dry Goods Retail	160.30	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A

APPENDIX C

Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	111	RET 4L4' Premium T8, 1EB	Dry Goods Retail	120.00	40.30	40.30	25%	\$0.035	\$0.040	Lighting	Level B	Level B
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	Dry Goods Retail	117.60	2.40	42.70	27%	\$0.053	\$0.061	Lighting	Level C	Level D
1	112	RET 2L4' Premium T8, 1EB, Reflector	Dry Goods Retail	102.14	15.46	58.16	36%	\$0.030	\$0.035	Lighting	Level B	Level B
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	Dry Goods Retail	63.84	38.30	96.46	60%	\$0.152	\$0.175	Lighting	Level F	Level F
1	115	RNV 2L4'T5HO, 1EB	Dry Goods Retail	60.07	3.77	100.23	63%	\$0.360	\$0.414	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Dry Goods Retail	120.23	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	Dry Goods Retail	90.00	30.23	30.23	25%	\$0.047	\$0.055	Lighting	Level C	Level C
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	Dry Goods Retail	88.20	1.80	32.03	27%	\$0.053	\$0.061	Lighting	Level C	Level D
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	Dry Goods Retail	82.53	5.67	37.70	31%	\$0.045	\$0.052	Lighting	Level B	Level C
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	Dry Goods Retail	51.58	30.95	68.65	57%	\$0.141	\$0.162	Lighting	Level F	Level F
1	125	RNV 1L4'T5HO, 1EB	Dry Goods Retail	48.54	3.04	71.69	60%	\$0.626	\$0.719	Lighting	Level F	Level F
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	Dry Goods Retail	126.01	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	Dry Goods Retail	104.99	21.02	21.02	17%	\$0.074	\$0.085	Lighting	Level D	Level E
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	Dry Goods Retail	102.89	2.10	23.12	18%	\$0.055	\$0.063	Lighting	Level C	Level D
1	132	RET 1L8'T12, 60W, 1EB, Reflector	Dry Goods Retail	90.68	12.21	35.33	28%	\$0.044	\$0.050	Lighting	Level B	Level C

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	Dry Goods Retail	77.08	13.60	48.93	39%	\$0.154	\$0.177	Lighting	Level F	Level F
1	140	Base Incandescent Flood, 75W	Dry Goods Retail	387.73	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	Dry Goods Retail	260.06	127.66	127.66	33%	\$0.038	\$0.044	Lighting	Level B	Level B
1	150	Base Incandescent Flood, 150W PAR	Dry Goods Retail	387.73	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	Dry Goods Retail	310.52	77.21	77.21	20%	\$0.101	\$0.116	Lighting	Level E	Level F
1	152	Metal Halide, 50W	Dry Goods Retail	227.51	83.01	160.22	41%	\$0.358	\$0.411	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Dry Goods Retail	126.01	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	Dry Goods Retail	110.38	15.63	15.63	12%	\$0.038	\$0.044	Lighting	Level B	Level B
1	170	Base Mercury Vapor 400W Lamp	Dry Goods Retail	718.91	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	Dry Goods Retail	672.72	46.20	46.20	6%	\$0.021	\$0.025	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	Dry Goods Retail	607.71	65.01	111.21	15%	\$0.037	\$0.042	Lighting	Level B	Level B
1	180	Base 4L4'T8, 1EB	Dry Goods Retail	6.17	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	Dry Goods Retail	5.39	0.78	0.78	13%	\$0.012	\$0.014	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	Dry Goods Retail	5.18	0.22	1.00	16%	\$0.057	\$0.065	Lighting	Level C	Level D
1	185	Base 2L4'T8, 1EB	Dry Goods Retail	4.63	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	186	ROB 2L4' Premium T8, 1EB	Dry Goods Retail	3.99	0.64	0.64	14%	\$0.016	\$0.018	Lighting	Level A	Level A
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	Dry Goods Retail	3.91	0.08	0.72	16%	\$0.057	\$0.066	Lighting	Level C	Level D
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Dry Goods Retail	113.04	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	208	Insulation of Pipes	Dry Goods Retail	112.76	0.28	0.28	0%	\$0.188	\$0.216	HVAC	Level F	Level F
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Dry Goods Retail	104.03	8.73	9.01	8%	\$0.019	\$0.022	HVAC	Level A	Level A
1	201	Chiller Tune-Up/Diagnostics	Dry Goods Retail	103.36	0.67	9.68	9%	\$0.435	\$0.500	HVAC	Level F	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Dry Goods Retail	98.19	5.17	14.85	13%	\$0.322	\$0.371	HVAC	Level F	Level F
1	207	Installation of Energy Management Systems	Dry Goods Retail	93.28	4.91	19.76	17%	\$0.210	\$0.241	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Dry Goods Retail	91.89	1.40	21.16	19%	\$1.410	\$1.622	HVAC	Level F	Level F
1	209	Installation of Chiller Economizers (water side)	Dry Goods Retail	87.29	4.59	25.75	23%	\$0.538	\$0.618	HVAC	Level F	Level F
1	210	Optimize Chilled Water and Condenser Water Settings	Dry Goods Retail	85.05	2.24	27.99	25%	\$0.511	\$0.588	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Dry Goods Retail	83.78	1.28	29.27	26%	\$1.547	\$1.779	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Dry Goods Retail	80.88	2.90	32.16	28%	\$1.113	\$1.280	HVAC	Level F	Level F
1	205	EMS Optimization	Dry Goods Retail	80.88	0.00	32.16	28%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	Dry Goods Retail	113.04	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A

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1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Dry Goods Retail	110.22	2.83	2.83	3%	\$0.040	\$0.046	HVAC	Level B	Level C
1	256	Duct Insulation	Dry Goods Retail	110.01	0.21	3.04	3%	\$0.079	\$0.091	HVAC	Level D	Level E
1	261	Clock/Programmable Thermostat	Dry Goods Retail	106.83	3.18	6.21	5%	\$0.083	\$0.095	HVAC	Level D	Level E
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Dry Goods Retail	101.49	5.34	11.56	10%	\$0.312	\$0.359	HVAC	Level F	Level F
1	252	High-Efficiency Packaged A/C System	Dry Goods Retail	98.04	3.45	15.00	13%	\$0.607	\$0.699	HVAC	Level F	Level F
1	262	Installation of Air Side Economizers	Dry Goods Retail	91.17	6.86	21.87	19%	\$0.544	\$0.626	HVAC	Level F	Level F
1	251	DX Tune-Up/Diagnostics	Dry Goods Retail	87.58	3.60	25.47	23%	\$0.800	\$0.920	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Dry Goods Retail	84.55	3.03	28.50	25%	\$1.065	\$1.225	HVAC	Level F	Level F
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Dry Goods Retail	82.53	2.02	30.51	27%	\$1.185	\$1.362	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Dry Goods Retail	81.29	1.24	31.75	28%	\$1.594	\$1.833	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	Dry Goods Retail	81.09	0.20	31.96	28%	\$0.410	\$0.471	HVAC	Level F	Level F
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Dry Goods Retail	451.15	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	Dry Goods Retail	391.44	59.71	59.71	13%	\$0.056	\$0.065	HVAC	Level C	Level D
1	401	Energy Efficient Fan & Pump Motors	Dry Goods Retail	389.97	1.47	61.18	14%	\$0.455	\$0.523	HVAC	Level F	Level F

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1	610	Base Desktop PC	Dry Goods Retail	8.37	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	611	ENERGY STAR or Better Office Equipment: Computer	Dry Goods Retail	3.99	4.38	4.38	52%	\$0.096	\$0.111	Appliances	Level E	Level F
1	620	Base Display Monitor	Dry Goods Retail	8.06	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	Dry Goods Retail	7.97	0.08	0.08	1%	\$0.011	\$0.013	Appliances	Level A	Level A
1	621	ENERGY STAR or Better Office Equipment: Monitors	Dry Goods Retail	3.87	4.10	4.18	52%	\$0.112	\$0.129	Appliances	Level F	Level F
1	630	Base Copier	Dry Goods Retail	7.56	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	Dry Goods Retail	5.59	1.97	1.97	26%	\$0.075	\$0.086	Appliances	Level D	Level E
1	640	Base Laser Printer	Dry Goods Retail	7.68	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	Dry Goods Retail	4.54	3.14	3.14	41%	\$0.095	\$0.110	Appliances	Level E	Level E
1	700	Base Water Heating	Dry Goods Retail	50.00	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	704	Hot Water (SHW) Pipe Insulation	Dry Goods Retail	48.75	1.25	1.25	2%	\$0.123	\$0.141	Water Heat	Level F	Level F
1	701	Demand controlled circulating systems	Dry Goods Retail	47.53	1.22	2.47	5%	\$1.371	\$1.576	Water Heat	Level F	Level F
1	702	Heat Pump Water Heater	Dry Goods Retail	36.84	10.70	13.16	26%	\$2.097	\$2.412	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	Dry Goods Retail	35.22	1.62	14.78	30%	\$3.884	\$4.467	Water Heat	Level F	Level F
1	800	Base Heating	Dry Goods Retail	36.29	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A

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1	805	Clock/Programmable Thermostat	Dry Goods Retail	33.13	3.17	3.17	9%	\$0.103	\$0.118	HVAC	Level E	Level F
1	802	Roof/Ceiling Insulation	Dry Goods Retail	32.16	0.97	4.13	11%	\$0.480	\$0.552	HVAC	Level F	Level F
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Dry Goods Retail	31.36	0.80	4.94	14%	\$0.719	\$0.827	HVAC	Level F	Level F
1	810	Installation of Air Side Economizers	Dry Goods Retail	29.26	2.09	7.03	19%	\$0.508	\$0.584	HVAC	Level F	Level F
1	100	Base Cooking	Restaurant	658.78	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	102	High-Efficiency Range and Oven	Restaurant	632.78	26.00	26.00	4%	\$0.211	\$0.243	Appliances	Level F	Level F
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	Restaurant	50.28	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	111	RET 4L4' Premium T8, 1EB	Restaurant	37.64	12.64	12.64	25%	\$0.022	\$0.025	Lighting	Level A	Level A
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	Restaurant	36.91	0.73	13.37	27%	\$0.035	\$0.040	Lighting	Level B	Level B
1	112	RET 2L4' Premium T8, 1EB, Reflector	Restaurant	32.06	4.85	18.22	36%	\$0.019	\$0.022	Lighting	Level A	Level A
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	Restaurant	29.18	2.89	21.11	42%	\$0.098	\$0.112	Lighting	Level E	Level F
1	115	RNV 2L4'T5HO, 1EB	Restaurant	27.46	1.72	22.83	45%	\$0.155	\$0.178	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Restaurant	37.71	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	Restaurant	28.23	9.48	9.48	25%	\$0.029	\$0.033	Lighting	Level A	Level B
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	Restaurant	27.69	0.55	10.03	27%	\$0.034	\$0.039	Lighting	Level B	Level B
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	Restaurant	25.91	1.78	11.81	31%	\$0.027	\$0.031	Lighting	Level A	Level B
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	Restaurant	23.57	2.33	14.14	37%	\$0.088	\$0.101	Lighting	Level E	Level E
1	125	RNV 1L4'T5HO, 1EB	Restaurant	22.18	1.39	15.53	41%	\$0.261	\$0.300	Lighting	Level F	Level F

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1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	Restaurant	55.38	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	Restaurant	48.36	7.01	7.01	13%	\$0.041	\$0.048	Lighting	Level B	Level C
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	Restaurant	47.43	0.93	7.95	14%	\$0.033	\$0.038	Lighting	Level B	Level B
1	132	RET 1L8'T12, 60W, 1EB, Reflector	Restaurant	42.59	4.84	12.79	23%	\$0.021	\$0.024	Lighting	Level A	Level A
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	Restaurant	38.76	3.83	16.62	30%	\$0.088	\$0.101	Lighting	Level E	Level E
1	140	Base Incandescent Flood, 75W	Restaurant	35.16	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	Restaurant	22.92	12.24	12.24	35%	\$0.026	\$0.030	Lighting	Level A	Level A
1	150	Base Incandescent Flood, 150W PAR	Restaurant	35.16	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	Restaurant	28.13	7.03	7.03	20%	\$0.074	\$0.085	Lighting	Level D	Level D
1	152	Metal Halide, 50W	Restaurant	20.71	7.42	14.45	41%	\$0.258	\$0.297	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Restaurant	55.38	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	Restaurant	49.05	6.32	6.32	11%	\$0.008	\$0.009	Lighting	Level A	Level A
1	170	Base Mercury Vapor 400W Lamp	Restaurant	118.67	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	Restaurant	112.24	6.42	6.42	5%	\$0.004	\$0.005	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	Restaurant	102.75	9.49	15.91	13%	\$0.008	\$0.009	Lighting	Level A	Level A
1	180	Base 4L4'T8, 1EB	Restaurant	18.84	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	Restaurant	16.46	2.38	2.38	13%	\$0.008	\$0.009	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	Restaurant	15.83	0.64	3.02	16%	\$0.037	\$0.043	Lighting	Level B	Level B
1	185	Base 2L4'T8, 1EB	Restaurant	14.13	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	186	ROB 2L4' Premium T8, 1EB	Restaurant	12.18	1.95	1.95	14%	\$0.010	\$0.011	Lighting	Level A	Level A
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	Restaurant	11.95	0.24	2.18	15%	\$0.037	\$0.042	Lighting	Level B	Level B
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Restaurant	98.07	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A

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1	208	Insulation of Pipes	Restaurant	97.82	0.25	0.25	0%	\$0.041	\$0.047	HVAC	Level B	Level C
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Restaurant	96.62	1.21	1.45	1%	\$0.012	\$0.013	HVAC	Level A	Level A
1	201	Chiller Tune-Up/Diagnostics	Restaurant	96.00	0.62	2.07	2%	\$0.072	\$0.083	HVAC	Level D	Level D
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Restaurant	92.80	3.20	5.27	5%	\$0.054	\$0.062	HVAC	Level C	Level D
1	207	Installation of Energy Management Systems	Restaurant	88.16	4.64	9.91	10%	\$0.034	\$0.039	HVAC	Level B	Level B
1	203	Roof/Ceiling Insulation	Restaurant	86.84	1.32	11.24	11%	\$0.289	\$0.332	HVAC	Level F	Level F
1	209	Installation of Chiller Economizers (water side)	Restaurant	82.49	4.34	15.58	16%	\$0.116	\$0.133	HVAC	Level F	Level F
1	210	Optimize Chilled Water and Condenser Water Settings	Restaurant	80.38	2.12	17.69	18%	\$0.084	\$0.096	HVAC	Level D	Level E
1	203	Roof/Ceiling Insulation	Restaurant	79.17	1.21	18.90	19%	\$0.317	\$0.364	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Restaurant	74.04	5.13	24.03	24%	\$0.128	\$0.147	HVAC	Level F	Level F
1	205	EMS Optimization	Restaurant	74.04	0.00	24.03	24%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	Restaurant	98.07	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	256	Duct Insulation	Restaurant	97.88	0.19	0.19	0%	\$0.007	\$0.008	HVAC	Level A	Level A
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Restaurant	95.43	2.45	2.64	3%	\$0.006	\$0.007	HVAC	Level A	Level A
1	261	Clock/Programmable Thermostat	Restaurant	91.47	3.96	6.60	7%	\$0.017	\$0.019	HVAC	Level A	Level A
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Restaurant	88.42	3.05	9.65	10%	\$0.056	\$0.065	HVAC	Level C	Level D
1	262	Installation of Air Side Economizers	Restaurant	84.49	3.94	13.58	14%	\$0.116	\$0.133	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Restaurant	79.01	5.47	19.06	19%	\$0.120	\$0.138	HVAC	Level F	Level F
1	251	DX Tune-Up/Diagnostics	Restaurant	75.90	3.12	22.17	23%	\$0.143	\$0.164	HVAC	Level F	Level F

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1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Restaurant	74.08	1.81	23.99	24%	\$0.204	\$0.235	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Restaurant	72.97	1.11	25.10	26%	\$0.344	\$0.395	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	Restaurant	72.79	0.18	25.28	26%	\$0.093	\$0.107	HVAC	Level E	Level E
1	252	High-Efficiency Packaged A/C System	Restaurant	70.32	2.47	27.75	28%	\$0.131	\$0.151	HVAC	Level F	Level F
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Restaurant	8.43	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	Restaurant	8.19	0.24	0.24	3%	\$0.057	\$0.066	HVAC	Level C	Level D
1	401	Energy Efficient Fan & Pump Motors	Restaurant	8.09	0.10	0.34	4%	\$0.426	\$0.490	HVAC	Level F	Level F
1	610	Base Desktop PC	Restaurant	1.06	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	611	ENERGY STAR or Better Office Equipment: Computer	Restaurant	0.50	0.57	0.57	53%	\$0.286	\$0.329	Appliances	Level F	Level F
1	620	Base Display Monitor	Restaurant	1.02	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	Restaurant	1.00	0.03	0.03	3%	\$0.034	\$0.039	Appliances	Level B	Level B
1	621	ENERGY STAR or Better Office Equipment: Monitors	Restaurant	0.48	0.51	0.54	53%	\$0.346	\$0.398	Appliances	Level F	Level F
1	630	Base Copier	Restaurant	0.73	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	Restaurant	0.54	0.19	0.19	27%	\$0.313	\$0.360	Appliances	Level F	Level F
1	640	Base Laser Printer	Restaurant	0.94	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	Restaurant	0.53	0.40	0.40	43%	\$0.235	\$0.270	Appliances	Level F	Level F
1	700	Base Water Heating	Restaurant	38.36	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	704	Hot Water (SHW) Pipe Insulation	Restaurant	37.40	0.96	0.96	3%	\$0.016	\$0.019	Water Heat	Level A	Level A
1	701	Demand controlled circulating systems	Restaurant	36.46	0.93	1.89	5%	\$0.049	\$0.057	Water Heat	Level C	Level C
1	702	Heat Pump Water Heater	Restaurant	28.26	8.20	10.10	26%	\$0.219	\$0.252	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	Restaurant	27.02	1.24	11.34	30%	\$0.406	\$0.467	Water Heat	Level F	Level F
1	800	Base Heating	Restaurant	56.77	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	805	Clock/Programmable Thermostat	Restaurant	51.83	4.94	4.94	9%	\$0.012	\$0.014	HVAC	Level A	Level A
1	802	Roof/Ceiling Insulation	Restaurant	50.03	1.80	6.73	12%	\$0.059	\$0.068	HVAC	Level C	Level D

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Restaurant	48.78	1.25	7.98	14%	\$0.093	\$0.107	HVAC	Level E	Level E
1	810	Installation of Air Side Economizers	Restaurant	46.93	1.86	9.84	17%	\$0.062	\$0.071	HVAC	Level D	Level D
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	Grocery	54.61	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	111	RET 4L4' Premium T8, 1EB	Grocery	40.88	13.73	13.73	25%	\$0.022	\$0.025	Lighting	Level A	Level A
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	Grocery	40.06	0.82	14.55	27%	\$0.041	\$0.048	Lighting	Level B	Level C
1	112	RET 2L4' Premium T8, 1EB, Reflector	Grocery	34.80	5.27	19.81	36%	\$0.019	\$0.022	Lighting	Level A	Level A
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	Grocery	28.01	6.79	26.60	49%	\$0.109	\$0.126	Lighting	Level E	Level F
1	115	RNV 2L4'T5HO, 1EB	Grocery	26.36	1.65	28.25	52%	\$0.179	\$0.206	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Grocery	40.96	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	Grocery	30.66	10.30	10.30	25%	\$0.029	\$0.034	Lighting	Level A	Level B
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	Grocery	30.05	0.61	10.91	27%	\$0.040	\$0.046	Lighting	Level B	Level C
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	Grocery	28.12	1.93	12.84	31%	\$0.028	\$0.032	Lighting	Level A	Level B
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	Grocery	22.63	5.48	18.33	45%	\$0.098	\$0.112	Lighting	Level E	Level F
1	125	RNV 1L4'T5HO, 1EB	Grocery	21.30	1.34	19.66	48%	\$0.300	\$0.345	Lighting	Level F	Level F
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	Grocery	75.52	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	Grocery	67.65	7.87	7.87	10%	\$0.041	\$0.047	Lighting	Level B	Level C
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	Grocery	66.30	1.35	9.22	12%	\$0.038	\$0.043	Lighting	Level B	Level B
1	132	RET 1L8'T12, 60W, 1EB, Reflector	Grocery	60.29	6.01	15.23	20%	\$0.018	\$0.021	Lighting	Level A	Level A
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	Grocery	48.53	11.76	26.99	36%	\$0.095	\$0.109	Lighting	Level E	Level E

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1	140	Base Incandescent Flood, 75W	Grocery	83.91	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	Grocery	30.27	53.65	53.65	64%	\$0.034	\$0.039	Lighting	Level B	Level B
1	150	Base Incandescent Flood, 150W PAR	Grocery	83.91	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	Grocery	67.18	16.74	16.74	20%	\$0.173	\$0.199	Lighting	Level F	Level F
1	152	Metal Halide, 50W	Grocery	48.69	18.49	35.23	42%	\$0.591	\$0.680	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Grocery	75.52	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	Grocery	66.81	8.71	8.71	12%	\$0.009	\$0.010	Lighting	Level A	Level A
1	170	Base Mercury Vapor 400W Lamp	Grocery	305.44	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	Grocery	291.48	13.96	13.96	5%	\$0.005	\$0.005	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	Grocery	272.70	18.78	32.74	11%	\$0.008	\$0.009	Lighting	Level A	Level A
1	180	Base 4L4'T8, 1EB	Grocery	36.87	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	Grocery	32.21	4.66	4.66	13%	\$0.008	\$0.009	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	Grocery	30.92	1.29	5.95	16%	\$0.044	\$0.051	Lighting	Level B	Level C
1	185	Base 2L4'T8, 1EB	Grocery	27.65	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	186	ROB 2L4' Premium T8, 1EB	Grocery	23.84	3.81	3.81	14%	\$0.010	\$0.011	Lighting	Level A	Level A
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	Grocery	23.36	0.48	4.29	16%	\$0.043	\$0.050	Lighting	Level B	Level C
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Grocery	109.53	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	208	Insulation of Pipes	Grocery	109.26	0.28	0.28	0%	\$0.012	\$0.014	HVAC	Level A	Level A
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Grocery	101.58	7.67	7.95	7%	\$0.003	\$0.004	HVAC	Level A	Level A
1	201	Chiller Tune-Up/Diagnostics	Grocery	100.93	0.65	8.60	8%	\$0.102	\$0.117	HVAC	Level E	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Grocery	95.89	5.05	13.64	12%	\$0.075	\$0.087	HVAC	Level D	Level E

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1	207	Installation of Energy Management Systems	Grocery	91.09	4.79	18.44	17%	\$0.049	\$0.056	HVAC	Level C	Level C
1	203	Roof/Ceiling Insulation	Grocery	90.81	0.28	18.72	17%	\$0.253	\$0.291	HVAC	Level F	Level F
1	209	Installation of Chiller Economizers (water side)	Grocery	86.27	4.54	23.26	21%	\$0.096	\$0.110	HVAC	Level E	Level F
1	210	Optimize Chilled Water and Condenser Water Settings	Grocery	84.06	2.21	25.47	23%	\$0.118	\$0.136	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Grocery	83.80	0.26	25.73	23%	\$0.274	\$0.315	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Grocery	77.32	6.48	32.21	29%	\$0.088	\$0.101	HVAC	Level E	Level E
1	205	EMS Optimization	Grocery	77.32	0.00	32.21	29%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	Grocery	109.53	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	256	Duct Insulation	Grocery	109.32	0.21	0.21	0%	\$0.006	\$0.007	HVAC	Level A	Level A
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Grocery	106.59	2.73	2.94	3%	\$0.006	\$0.007	HVAC	Level A	Level A
1	261	Clock/Programmable Thermostat	Grocery	101.80	4.79	7.73	7%	\$0.021	\$0.025	HVAC	Level A	Level A
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Grocery	96.71	5.09	12.82	12%	\$0.075	\$0.086	HVAC	Level D	Level E
1	262	Installation of Air Side Economizers	Grocery	89.54	7.17	19.99	18%	\$0.098	\$0.113	HVAC	Level E	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Grocery	82.62	6.92	26.91	25%	\$0.082	\$0.094	HVAC	Level D	Level E
1	251	DX Tune-Up/Diagnostics	Grocery	79.36	3.26	30.17	28%	\$0.202	\$0.232	HVAC	Level F	Level F
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Grocery	77.47	1.89	32.06	29%	\$0.289	\$0.332	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Grocery	77.23	0.24	32.30	29%	\$0.298	\$0.342	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	Grocery	77.04	0.19	32.49	30%	\$0.076	\$0.087	HVAC	Level D	Level E
1	252	High-Efficiency Packaged A/C System	Grocery	74.42	2.62	35.11	32%	\$0.183	\$0.210	HVAC	Level F	Level F

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1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Grocery	22.89	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	Grocery	19.86	3.03	3.03	13%	\$0.025	\$0.028	HVAC	Level A	Level A
1	401	Energy Efficient Fan & Pump Motors	Grocery	19.79	0.07	3.10	14%	\$0.198	\$0.228	HVAC	Level F	Level F
1	500	Base Refrigeration System	Grocery	200.52	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	510	Demand Defrost Electric	Grocery	192.73	7.78	7.78	4%	\$0.008	\$0.009	Appliances	Level A	Level A
1	505	High-Efficiency Compressors	Grocery	181.93	10.80	18.58	9%	\$0.026	\$0.029	Appliances	Level A	Level A
1	509	Demand Hot Gas Defrost	Grocery	178.74	3.20	21.78	11%	\$0.027	\$0.032	Appliances	Level A	Level B
1	507	Installation of Floating Condenser Head Pressure Controls	Grocery	175.09	3.65	25.43	13%	\$0.044	\$0.051	Appliances	Level B	Level C
1	502	Strip Curtains for Walk-Ins	Grocery	172.91	2.17	27.60	14%	\$0.059	\$0.068	Appliances	Level C	Level D
1	511	Anti-Sweat (Humidistat) Controls	Grocery	169.41	3.51	31.11	16%	\$0.073	\$0.084	Appliances	Level D	Level D
1	503	Night Covers for Display Cases	Grocery	166.34	3.07	34.18	17%	\$0.123	\$0.142	Appliances	Level F	Level F
1	501	High Efficiency Case Fans	Grocery	147.29	19.04	53.22	27%	\$0.154	\$0.178	Appliances	Level F	Level F
1	506	Compressor VSD retrofit	Grocery	143.69	3.60	56.83	28%	\$0.208	\$0.239	Appliances	Level F	Level F
1	508	Refrigeration Commissioning	Grocery	140.01	3.68	60.51	30%	\$0.265	\$0.305	Appliances	Level F	Level F
1	504	Reduced Speed or Cycling of Evaporator Fans	Grocery	139.60	0.41	60.92	30%	\$0.622	\$0.715	Appliances	Level F	Level F
1	610	Base Desktop PC	Grocery	2.97	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	611	ENERGY STAR or Better Office Equipment: Computer	Grocery	1.39	1.58	1.58	53%	\$0.041	\$0.047	Appliances	Level B	Level C
1	620	Base Display Monitor	Grocery	2.86	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	Grocery	2.83	0.03	0.03	1%	\$0.005	\$0.006	Appliances	Level A	Level A
1	621	ENERGY STAR or Better Office Equipment: Monitors	Grocery	1.38	1.45	1.48	52%	\$0.049	\$0.056	Appliances	Level C	Level C
1	630	Base Copier	Grocery	2.63	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	Grocery	1.94	0.70	0.70	27%	\$0.099	\$0.113	Appliances	Level E	Level F
1	640	Base Laser Printer	Grocery	2.35	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	Grocery	1.34	1.01	1.01	43%	\$0.034	\$0.039	Appliances	Level B	Level B

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1	700	Base Water Heating	Grocery	12.94	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	704	Hot Water (SHW) Pipe Insulation	Grocery	12.62	0.32	0.32	3%	\$0.006	\$0.007	Water Heat	Level A	Level A
1	702	Heat Pump Water Heater	Grocery	9.78	2.84	3.16	24%	\$0.100	\$0.115	Water Heat	Level E	Level F
1	701	Demand controlled circulating systems	Grocery	9.53	0.24	3.41	26%	\$0.201	\$0.231	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	Grocery	9.12	0.42	3.83	30%	\$0.189	\$0.218	Water Heat	Level F	Level F
1	800	Base Heating	Grocery	2.19	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	805	Clock/Programmable Thermostat	Grocery	1.99	0.21	0.21	9%	\$0.065	\$0.075	HVAC	Level D	Level D
1	802	Roof/Ceiling Insulation	Grocery	1.90	0.09	0.29	13%	\$0.346	\$0.398	HVAC	Level F	Level F
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Grocery	1.85	0.05	0.34	15%	\$0.500	\$0.575	HVAC	Level F	Level F
1	810	Installation of Air Side Economizers	Grocery	1.71	0.14	0.48	22%	\$0.360	\$0.414	HVAC	Level F	Level F
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	Warehouse	123.35	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	111	RET 4L4' Premium T8, 1EB	Warehouse	92.34	31.01	31.01	25%	\$0.032	\$0.037	Lighting	Level B	Level B
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	Warehouse	88.71	3.63	34.65	28%	\$0.052	\$0.059	Lighting	Level C	Level C
1	112	RET 2L4' Premium T8, 1EB, Reflector	Warehouse	77.05	11.66	46.31	38%	\$0.029	\$0.033	Lighting	Level A	Level B
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	Warehouse	54.15	22.90	69.21	56%	\$0.144	\$0.166	Lighting	Level F	Level F
1	115	RNV 2L4'T5HO, 1EB	Warehouse	50.95	3.20	72.40	59%	\$0.304	\$0.350	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Warehouse	92.52	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	Warehouse	69.25	23.26	23.26	25%	\$0.044	\$0.050	Lighting	Level B	Level C
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	Warehouse	66.53	2.72	25.99	28%	\$0.051	\$0.059	Lighting	Level C	Level C
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	Warehouse	62.25	4.28	30.26	33%	\$0.042	\$0.049	Lighting	Level B	Level C
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	Warehouse	43.75	18.50	48.77	53%	\$0.133	\$0.152	Lighting	Level F	Level F

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1	125	RNV 1L4'T5HO, 1EB	Warehouse	41.17	2.58	51.35	56%	\$0.525	\$0.604	Lighting	Level F	Level F
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	Warehouse	109.26	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	Warehouse	92.69	16.57	16.57	15%	\$0.072	\$0.083	Lighting	Level D	Level D
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	Warehouse	89.05	3.65	20.21	19%	\$0.056	\$0.064	Lighting	Level C	Level D
1	132	RET 1L8'T12, 60W, 1EB, Reflector	Warehouse	79.00	10.05	30.26	28%	\$0.041	\$0.047	Lighting	Level B	Level C
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	Warehouse	55.52	23.48	53.74	49%	\$0.153	\$0.175	Lighting	Level F	Level F
1	140	Base Incandescent Flood, 75W	Warehouse	213.90	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	Warehouse	80.06	133.84	133.84	63%	\$0.045	\$0.052	Lighting	Level C	Level C
1	150	Base Incandescent Flood, 150W PAR	Warehouse	213.90	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	Warehouse	171.12	42.78	42.78	20%	\$0.120	\$0.137	Lighting	Level F	Level F
1	152	Metal Halide, 50W	Warehouse	126.10	45.02	87.80	41%	\$0.411	\$0.472	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Warehouse	109.26	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	Warehouse	95.84	13.42	13.42	12%	\$0.004	\$0.004	Lighting	Level A	Level A
1	170	Base Mercury Vapor 400W Lamp	Warehouse	393.11	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	Warehouse	382.50	10.61	10.61	3%	\$0.002	\$0.002	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	Warehouse	366.63	15.86	26.48	7%	\$0.004	\$0.004	Lighting	Level A	Level A
1	180	Base 4L4'T8, 1EB	Warehouse	17.86	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	Warehouse	15.61	2.26	2.26	13%	\$0.011	\$0.013	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	Warehouse	14.99	0.61	2.87	16%	\$0.055	\$0.063	Lighting	Level C	Level D
1	185	Base 2L4'T8, 1EB	Warehouse	13.40	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	186	ROB 2L4' Premium T8, 1EB	Warehouse	11.55	1.85	1.85	14%	\$0.015	\$0.017	Lighting	Level A	Level A
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	Warehouse	11.32	0.23	2.07	15%	\$0.055	\$0.064	Lighting	Level C	Level D

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Warehouse	88.59	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	208	Insulation of Pipes	Warehouse	88.36	0.22	0.22	0%	\$0.009	\$0.011	HVAC	Level A	Level A
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Warehouse	80.16	8.20	8.42	10%	\$0.005	\$0.005	HVAC	Level A	Level A
1	201	Chiller Tune-Up/Diagnostics	Warehouse	79.65	0.51	8.94	10%	\$0.122	\$0.141	HVAC	Level F	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Warehouse	75.67	3.98	12.92	15%	\$0.091	\$0.104	HVAC	Level E	Level E
1	207	Installation of Energy Management Systems	Warehouse	72.58	3.09	16.01	18%	\$0.058	\$0.066	HVAC	Level C	Level D
1	203	Roof/Ceiling Insulation	Warehouse	72.36	0.22	16.23	18%	\$1.024	\$1.178	HVAC	Level F	Level F
1	209	Installation of Chiller Economizers (water side)	Warehouse	68.74	3.62	19.85	22%	\$0.411	\$0.472	HVAC	Level F	Level F
1	210	Optimize Chilled Water and Condenser Water Settings	Warehouse	66.98	1.76	21.61	24%	\$0.141	\$0.162	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Warehouse	66.77	0.21	21.82	25%	\$1.110	\$1.276	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Warehouse	60.64	6.13	27.94	32%	\$0.317	\$0.364	HVAC	Level F	Level F
1	205	EMS Optimization	Warehouse	60.64	0.00	27.94	32%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	Warehouse	88.59	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	256	Duct Insulation	Warehouse	88.42	0.17	0.17	0%	\$0.011	\$0.013	HVAC	Level A	Level A
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Warehouse	86.21	2.21	2.38	3%	\$0.011	\$0.013	HVAC	Level A	Level A
1	261	Clock/Programmable Thermostat	Warehouse	84.22	1.98	4.36	5%	\$0.027	\$0.031	HVAC	Level A	Level B
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Warehouse	80.01	4.21	8.58	10%	\$0.086	\$0.099	HVAC	Level E	Level E
1	251	DX Tune-Up/Diagnostics	Warehouse	76.85	3.16	11.73	13%	\$0.197	\$0.227	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWh Technical Potential	Marginal Energy Cost \$/kWh Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	204	Cool Roofs (Reflective and Spray Evaporative)	Warehouse	69.80	7.05	18.79	21%	\$0.275	\$0.316	HVAC	Level F	Level F
1	262	Installation of Air Side Economizers	Warehouse	66.79	3.01	21.79	25%	\$0.433	\$0.498	HVAC	Level F	Level F
1	254	Installation of Direct of Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Warehouse	65.20	1.59	23.39	26%	\$0.325	\$0.373	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Warehouse	65.00	0.20	23.59	27%	\$1.140	\$1.311	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	Warehouse	64.83	0.16	23.75	27%	\$0.308	\$0.354	HVAC	Level F	Level F
1	252	High-Efficiency Packaged A/C System	Warehouse	62.63	2.20	25.95	29%	\$0.206	\$0.237	HVAC	Level F	Level F
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Warehouse	238.26	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	Warehouse	198.62	39.64	39.64	17%	\$0.045	\$0.051	HVAC	Level B	Level C
1	401	Energy Efficient Fan & Pump Motors	Warehouse	197.29	1.33	40.96	17%	\$0.319	\$0.367	HVAC	Level F	Level F
1	610	Base Desktop PC	Warehouse	9.20	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	611	ENERGY STAR or Better Office Equipment: Computer	Warehouse	4.31	4.90	4.90	53%	\$0.837	\$0.962	Appliances	Level F	Level F
1	620	Base Display Monitor	Warehouse	8.86	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	Warehouse	8.77	0.09	0.09	1%	\$0.099	\$0.114	Appliances	Level E	Level F
1	621	ENERGY STAR or Better Office Equipment: Monitors	Warehouse	4.27	4.50	4.59	52%	\$0.995	\$1.145	Appliances	Level F	Level F
1	630	Base Copier	Warehouse	5.05	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	Warehouse	3.71	1.34	1.34	27%	\$0.663	\$0.762	Appliances	Level F	Level F
1	640	Base Laser Printer	Warehouse	5.43	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	Warehouse	3.10	2.33	2.33	43%	\$0.562	\$0.646	Appliances	Level F	Level F
1	700	Base Water Heating	Warehouse	46.08	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	704	Hot Water (SHW) Pipe Insulation	Warehouse	44.98	1.10	1.10	2%	\$0.011	\$0.012	Water Heat	Level A	Level A
1	702	Heat Pump Water Heater	Warehouse	34.86	10.12	11.22	24%	\$0.116	\$0.133	Water Heat	Level F	Level F
1	701	Demand controlled circulating systems	Warehouse	33.99	0.87	12.09	26%	\$0.196	\$0.226	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	Warehouse	32.50	1.49	13.59	29%	\$0.220	\$0.253	Water Heat	Level F	Level F

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1	800	Base Heating	Warehouse	10.24	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	805	Clock/Programmable Thermostat	Warehouse	9.42	0.82	0.82	8%	\$0.110	\$0.127	HVAC	Level F	Level F
1	802	Roof/Ceiling Insulation	Warehouse	9.25	0.17	0.99	10%	\$0.527	\$0.606	HVAC	Level F	Level F
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Warehouse	9.02	0.23	1.22	12%	\$0.830	\$0.955	HVAC	Level F	Level F
1	810	Installation of Air Side Economizers	Warehouse	8.34	0.68	1.90	19%	\$0.598	\$0.688	HVAC	Level F	Level F
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	School	4.39	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	111	RET 4L4' Premium T8, 1EB	School	3.28	1.10	1.10	25%	\$0.055	\$0.063	Lighting	Level C	Level D
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	School	2.97	0.31	1.42	32%	\$0.078	\$0.089	Lighting	Level D	Level E
1	112	RET 2L4' Premium T8, 1EB, Reflector	School	2.58	0.39	1.81	41%	\$0.052	\$0.059	Lighting	Level C	Level C
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	School	2.00	0.58	2.39	54%	\$0.246	\$0.283	Lighting	Level F	Level F
1	115	RNV 2L4'T5HO, 1EB	School	1.88	0.12	2.51	57%	\$0.496	\$0.570	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	School	3.29	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	School	2.46	0.83	0.83	25%	\$0.072	\$0.083	Lighting	Level D	Level D
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	School	2.23	0.24	1.06	32%	\$0.075	\$0.086	Lighting	Level D	Level E
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	School	2.08	0.14	1.21	37%	\$0.074	\$0.085	Lighting	Level D	Level D
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	School	1.62	0.47	1.68	51%	\$0.220	\$0.253	Lighting	Level F	Level F
1	125	RNV 1L4'T5HO, 1EB	School	1.52	0.10	1.77	54%	\$0.831	\$0.955	Lighting	Level F	Level F
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	School	10.01	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	School	9.34	0.67	0.67	7%	\$0.103	\$0.119	Lighting	Level E	Level F

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1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	School	8.45	0.89	1.56	16%	\$0.073	\$0.084	Lighting	Level D	Level D
1	132	RET 1L8'T12, 60W, 1EB, Reflector	School	7.88	0.57	2.13	21%	\$0.042	\$0.048	Lighting	Level B	Level C
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	School	6.11	1.77	3.90	39%	\$0.215	\$0.248	Lighting	Level F	Level F
1	140	Base Incandescent Flood, 75W	School	3.71	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	School	1.39	2.32	2.32	63%	\$0.050	\$0.057	Lighting	Level C	Level C
1	150	Base Incandescent Flood, 150W PAR	School	3.71	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	School	2.98	0.73	0.73	20%	\$0.064	\$0.074	Lighting	Level D	Level D
1	152	Metal Halide, 50W	School	2.24	0.74	1.47	40%	\$0.227	\$0.261	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	School	10.01	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	School	9.56	0.45	0.45	5%	\$0.025	\$0.028	Lighting	Level A	Level A
1	170	Base Mercury Vapor 400W Lamp	School	25.95	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	School	24.38	1.57	1.57	6%	\$0.014	\$0.016	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	School	22.94	1.44	3.01	12%	\$0.024	\$0.027	Lighting	Level A	Level A
1	180	Base 4L4'T8, 1EB	School	7.17	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	School	6.26	0.91	0.91	13%	\$0.019	\$0.022	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	School	6.02	0.24	1.15	16%	\$0.083	\$0.096	Lighting	Level D	Level E
1	185	Base 2L4'T8, 1EB	School	5.38	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	186	ROB 2L4' Premium T8, 1EB	School	4.63	0.74	0.74	14%	\$0.024	\$0.027	Lighting	Level A	Level A
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	School	4.55	0.09	0.83	15%	\$0.081	\$0.093	Lighting	Level D	Level E
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	School	2.10	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	208	Insulation of Pipes	School	2.09	0.01	0.01	0%	\$0.449	\$0.517	HVAC	Level F	Level F
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	School	2.05	0.04	0.05	2%	\$0.108	\$0.124	HVAC	Level E	Level F

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1	201	Chiller Tune-Up/Diagnostics	School	2.04	0.01	0.06	3%	\$1.489	\$1.712	HVAC	Level F	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	School	1.94	0.10	0.16	8%	\$1.103	\$1.269	HVAC	Level F	Level F
1	207	Installation of Energy Management Systems	School	1.87	0.07	0.23	11%	\$0.697	\$0.801	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	School	1.86	0.01	0.24	11%	\$5.118	\$5.886	HVAC	Level F	Level F
1	209	Installation of Chiller Economizers (water side)	School	1.78	0.08	0.32	15%	\$1.956	\$2.249	HVAC	Level F	Level F
1	210	Optimize Chilled Water and Condenser Water Settings	School	1.74	0.05	0.36	17%	\$1.690	\$1.943	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	School	1.73	0.01	0.37	18%	\$5.500	\$6.325	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	School	1.68	0.05	0.42	20%	\$2.276	\$2.618	HVAC	Level F	Level F
1	205	EMS Optimization	School	1.68	0.00	0.42	20%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	School	2.10	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	256	Duct Insulation	School	2.09	0.00	0.00	0%	\$0.067	\$0.077	HVAC	Level D	Level D
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	School	2.06	0.04	0.04	2%	\$0.084	\$0.096	HVAC	Level D	Level E
1	261	Clock/Programmable Thermostat	School	2.01	0.05	0.09	4%	\$0.299	\$0.344	HVAC	Level F	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	School	1.91	0.10	0.19	9%	\$1.119	\$1.287	HVAC	Level F	Level F
1	262	Installation of Air Side Economizers	School	1.85	0.06	0.25	12%	\$1.934	\$2.224	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	School	1.79	0.06	0.31	15%	\$2.135	\$2.456	HVAC	Level F	Level F
1	251	DX Tune-Up/Diagnostics	School	1.72	0.07	0.38	18%	\$2.753	\$3.166	HVAC	Level F	Level F
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	School	1.68	0.04	0.42	20%	\$3.937	\$4.528	HVAC	Level F	Level F

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1	203	Roof/Ceiling Insulation	School	1.67	0.01	0.43	20%	\$5.698	\$6.552	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	School	1.67	0.00	0.43	21%	\$1.495	\$1.719	HVAC	Level F	Level F
1	252	High-Efficiency Packaged A/C System	School	1.61	0.06	0.49	23%	\$2.498	\$2.873	HVAC	Level F	Level F
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	School	5.20	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	School	4.16	1.04	1.04	20%	\$0.081	\$0.093	HVAC	Level D	Level E
1	401	Energy Efficient Fan & Pump Motors	School	4.14	0.02	1.06	20%	\$0.604	\$0.695	HVAC	Level F	Level F
1	610	Base Desktop PC	School	0.47	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	611	ENERGY STAR or Better Office Equipment: Computer	School	0.22	0.25	0.25	53%	\$1.385	\$1.593	Appliances	Level F	Level F
1	620	Base Display Monitor	School	0.45	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	School	0.41	0.04	0.04	8%	\$0.164	\$0.188	Appliances	Level F	Level F
1	621	ENERGY STAR or Better Office Equipment: Monitors	School	0.20	0.21	0.25	55%	\$1.751	\$2.014	Appliances	Level F	Level F
1	630	Base Copier	School	0.35	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	School	0.26	0.09	0.09	26%	\$0.468	\$0.538	Appliances	Level F	Level F
1	640	Base Laser Printer	School	0.29	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	School	0.17	0.12	0.12	41%	\$0.777	\$0.893	Appliances	Level F	Level F
1	700	Base Water Heating	School	8.85	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	704	Hot Water (SHW) Pipe Insulation	School	8.83	0.02	0.02	0%	\$0.048	\$0.055	Water Heat	Level C	Level C
1	701	Demand controlled circulating systems	School	8.71	0.11	0.13	1%	\$0.211	\$0.243	Water Heat	Level F	Level F
1	702	Heat Pump Water Heater	School	7.83	0.89	1.02	12%	\$1.363	\$1.567	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	School	7.55	0.28	1.30	15%	\$2.253	\$2.591	Water Heat	Level F	Level F
1	800	Base Heating	School	49.81	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	805	Clock/Programmable Thermostat	School	43.15	6.66	6.66	13%	\$0.010	\$0.011	HVAC	Level A	Level A
1	802	Roof/Ceiling Insulation	School	42.12	1.03	7.69	15%	\$0.047	\$0.054	HVAC	Level C	Level C
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	School	41.07	1.05	8.74	18%	\$0.072	\$0.083	HVAC	Level D	Level D

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1	810	Installation of Air Side Economizers	School	39.62	1.45	10.19	20%	\$0.047	\$0.055	HVAC	Level C	Level C
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	University	5.77	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	111	RET 4L4' Premium T8, 1EB	University	4.32	1.45	1.45	25%	\$0.026	\$0.030	Lighting	Level A	Level B
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	University	3.92	0.40	1.85	32%	\$0.037	\$0.043	Lighting	Level B	Level B
1	112	RET 2L4' Premium T8, 1EB, Reflector	University	3.41	0.52	2.36	41%	\$0.025	\$0.028	Lighting	Level A	Level A
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	University	2.64	0.77	3.13	54%	\$0.120	\$0.138	Lighting	Level F	Level F
1	115	RNV 2L4'T5HO, 1EB	University	2.48	0.16	3.28	57%	\$0.236	\$0.272	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	University	4.33	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	University	3.24	1.09	1.09	25%	\$0.035	\$0.040	Lighting	Level B	Level B
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	University	2.94	0.30	1.38	32%	\$0.036	\$0.042	Lighting	Level B	Level B
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	University	2.75	0.19	1.57	36%	\$0.036	\$0.041	Lighting	Level B	Level B
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	University	2.13	0.62	2.19	51%	\$0.108	\$0.124	Lighting	Level E	Level F
1	125	RNV 1L4'T5HO, 1EB	University	2.01	0.13	2.32	54%	\$0.401	\$0.461	Lighting	Level F	Level F
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	University	8.65	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	University	7.81	0.84	0.84	10%	\$0.049	\$0.057	Lighting	Level C	Level C
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	University	7.09	0.72	1.56	18%	\$0.035	\$0.040	Lighting	Level B	Level B
1	132	RET 1L8'T12, 60W, 1EB, Reflector	University	6.48	0.61	2.17	25%	\$0.023	\$0.027	Lighting	Level A	Level A
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	University	5.02	1.46	3.63	42%	\$0.106	\$0.122	Lighting	Level E	Level F
1	140	Base Incandescent Flood, 75W	University	3.20	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	University	1.23	1.98	1.98	62%	\$0.025	\$0.028	Lighting	Level A	Level A

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1	150	Base Incandescent Flood, 150W PAR	University	3.20	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	University	2.58	0.62	0.62	19%	\$0.062	\$0.072	Lighting	Level D	Level D
1	152	Metal Halide, 50W	University	1.90	0.68	1.30	41%	\$0.233	\$0.267	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	University	8.65	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	University	7.57	1.08	1.08	12%	\$0.003	\$0.003	Lighting	Level A	Level A
1	170	Base Mercury Vapor 400W Lamp	University	22.43	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	University	22.25	0.17	0.17	1%	\$0.001	\$0.001	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	University	19.10	3.16	3.33	15%	\$0.003	\$0.003	Lighting	Level A	Level A
1	180	Base 4L4'T8, 1EB	University	4.61	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	University	4.03	0.58	0.58	13%	\$0.009	\$0.010	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	University	3.88	0.15	0.73	16%	\$0.040	\$0.046	Lighting	Level B	Level C
1	185	Base 2L4'T8, 1EB	University	3.46	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	186	ROB 2L4' Premium T8, 1EB	University	2.98	0.48	0.48	14%	\$0.012	\$0.013	Lighting	Level A	Level A
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	University	2.93	0.05	0.53	15%	\$0.039	\$0.045	Lighting	Level B	Level C
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	University	3.61	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	208	Insulation of Pipes	University	3.61	0.01	0.01	0%	\$0.061	\$0.070	HVAC	Level D	Level D
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	University	3.53	0.07	0.08	2%	\$0.022	\$0.025	HVAC	Level A	Level A
1	201	Chiller Tune-Up/Diagnostics	University	3.51	0.02	0.10	3%	\$0.239	\$0.275	HVAC	Level F	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	University	3.34	0.18	0.28	8%	\$0.177	\$0.204	HVAC	Level F	Level F
1	207	Installation of Energy Management Systems	University	3.25	0.09	0.37	10%	\$0.109	\$0.126	HVAC	Level E	Level F
1	203	Roof/Ceiling Insulation	University	3.24	0.01	0.38	10%	\$0.257	\$0.295	HVAC	Level F	Level F

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1	209	Installation of Chiller Economizers (water side)	University	3.08	0.16	0.54	15%	\$0.158	\$0.182	HVAC	Level F	Level F
1	210	Optimize Chilled Water and Condenser Water Settings	University	3.00	0.08	0.62	17%	\$0.271	\$0.311	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	University	2.99	0.01	0.63	17%	\$0.278	\$0.320	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	University	2.97	0.02	0.65	18%	\$0.719	\$0.826	HVAC	Level F	Level F
1	205	EMS Optimization	University	2.97	0.00	0.65	18%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	University	3.61	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	256	Duct Insulation	University	3.61	0.01	0.01	0%	\$0.005	\$0.005	HVAC	Level A	Level A
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	University	3.55	0.06	0.07	2%	\$0.017	\$0.020	HVAC	Level A	Level A
1	261	Clock/Programmable Thermostat	University	3.48	0.06	0.13	4%	\$0.048	\$0.055	HVAC	Level C	Level C
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	University	3.31	0.17	0.30	8%	\$0.178	\$0.205	HVAC	Level F	Level F
1	262	Installation of Air Side Economizers	University	3.06	0.25	0.55	15%	\$0.169	\$0.194	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	University	3.05	0.01	0.56	16%	\$0.272	\$0.313	HVAC	Level F	Level F
1	251	DX Tune-Up/Diagnostics	University	2.93	0.12	0.68	19%	\$0.446	\$0.512	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	University	2.93	0.01	0.69	19%	\$0.118	\$0.135	HVAC	Level F	Level F
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	University	2.86	0.07	0.76	21%	\$0.639	\$0.735	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	University	2.84	0.02	0.78	22%	\$0.752	\$0.865	HVAC	Level F	Level F
1	252	High-Efficiency Packaged A/C System	University	2.74	0.10	0.87	24%	\$0.406	\$0.466	HVAC	Level F	Level F
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	University	2.95	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	University	2.27	0.69	0.69	23%	\$0.076	\$0.087	HVAC	Level D	Level E
1	401	Energy Efficient Fan & Pump Motors	University	2.26	0.00	0.69	23%	\$0.619	\$0.712	HVAC	Level F	Level F

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1	610	Base Desktop PC	University	0.63	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	611	ENERGY STAR or Better Office Equipment: Computer	University	0.30	0.33	0.33	53%	\$0.121	\$0.139	Appliances	Level F	Level F
1	620	Base Display Monitor	University	0.61	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	University	0.56	0.05	0.05	8%	\$0.014	\$0.016	Appliances	Level A	Level A
1	621	ENERGY STAR or Better Office Equipment: Monitors	University	0.27	0.29	0.34	55%	\$0.152	\$0.175	Appliances	Level F	Level F
1	630	Base Copier	University	0.30	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	University	0.22	0.08	0.08	26%	\$0.058	\$0.067	Appliances	Level C	Level D
1	640	Base Laser Printer	University	0.37	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	University	0.22	0.15	0.15	41%	\$0.078	\$0.089	Appliances	Level D	Level E
1	700	Base Water Heating	University	3.87	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	701	Demand controlled circulating systems	University	3.82	0.05	0.05	1%	\$0.050	\$0.057	Water Heat	Level C	Level C
1	704	Hot Water (SHW) Pipe Insulation	University	3.75	0.07	0.12	3%	\$0.084	\$0.097	Water Heat	Level D	Level E
1	702	Heat Pump Water Heater	University	3.33	0.42	0.54	14%	\$2.554	\$2.937	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	University	3.20	0.13	0.67	17%	\$4.131	\$4.750	Water Heat	Level F	Level F
1	800	Base Heating	University	1.87	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	805	Clock/Programmable Thermostat	University	1.64	0.23	0.23	12%	\$0.120	\$0.138	HVAC	Level F	Level F
1	802	Roof/Ceiling Insulation	University	1.61	0.03	0.27	14%	\$0.362	\$0.416	HVAC	Level F	Level F
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	University	1.57	0.04	0.31	16%	\$0.874	\$1.005	HVAC	Level F	Level F
1	810	Installation of Air Side Economizers	University	1.51	0.05	0.36	19%	\$0.573	\$0.659	HVAC	Level F	Level F
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	Hospital & Health Care	57.92	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	111	RET 4L4' Premium T8, 1EB	Hospital & Health Care	43.36	14.56	14.56	25%	\$0.026	\$0.029	Lighting	Level A	Level A

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1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	Hospital & Heath Care	39.38	3.98	18.54	32%	\$0.047	\$0.054	Lighting	Level C	Level C
1	112	RET 2L4' Premium T8, 1EB, Reflector	Hospital & Heath Care	34.20	5.18	23.72	41%	\$0.024	\$0.028	Lighting	Level A	Level A
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	Hospital & Heath Care	31.64	2.57	26.28	45%	\$0.136	\$0.157	Lighting	Level F	Level F
1	115	RNV 2L4'T5HO, 1EB	Hospital & Heath Care	29.77	1.87	28.15	49%	\$0.194	\$0.223	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Hospital & Heath Care	43.44	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	Hospital & Heath Care	32.52	10.92	10.92	25%	\$0.034	\$0.039	Lighting	Level B	Level B
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	Hospital & Heath Care	29.53	2.99	13.91	32%	\$0.046	\$0.052	Lighting	Level C	Level C
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	Hospital & Heath Care	27.63	1.90	15.81	36%	\$0.035	\$0.040	Lighting	Level B	Level B
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	Hospital & Heath Care	25.56	2.07	17.88	41%	\$0.123	\$0.142	Lighting	Level F	Level F
1	125	RNV 1L4'T5HO, 1EB	Hospital & Heath Care	24.05	1.51	19.39	45%	\$0.330	\$0.379	Lighting	Level F	Level F
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	Hospital & Heath Care	86.88	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	Hospital & Heath Care	78.45	8.43	8.43	10%	\$0.045	\$0.051	Lighting	Level B	Level C
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	Hospital & Heath Care	71.24	7.20	15.64	18%	\$0.040	\$0.046	Lighting	Level B	Level C
1	132	RET 1L8'T12, 60W, 1EB, Reflector	Hospital & Heath Care	65.07	6.17	21.81	25%	\$0.021	\$0.024	Lighting	Level A	Level A
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	Hospital & Heath Care	60.19	4.88	26.69	31%	\$0.112	\$0.128	Lighting	Level F	Level F

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1	140	Base Incandescent Flood, 75W	Hospital & Heath Care	149.19	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	Hospital & Heath Care	57.07	92.12	92.12	62%	\$0.036	\$0.041	Lighting	Level B	Level B
1	150	Base Incandescent Flood, 150W PAR	Hospital & Heath Care	149.19	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	Hospital & Heath Care	120.26	28.92	28.92	19%	\$0.063	\$0.073	Lighting	Level D	Level D
1	152	Metal Halide, 50W	Hospital & Heath Care	88.70	31.56	60.49	41%	\$0.207	\$0.238	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Hospital & Heath Care	86.88	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	Hospital & Heath Care	84.62	2.26	2.26	3%	\$0.002	\$0.002	Lighting	Level A	Level A
1	170	Base Mercury Vapor 400W Lamp	Hospital & Heath Care	329.09	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	Hospital & Heath Care	314.02	15.07	15.07	5%	\$0.001	\$0.001	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	Hospital & Heath Care	299.35	14.68	29.74	9%	\$0.002	\$0.002	Lighting	Level A	Level A
1	180	Base 4L4'T8, 1EB	Hospital & Heath Care	46.34	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	Hospital & Heath Care	40.48	5.85	5.85	13%	\$0.009	\$0.010	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	Hospital & Heath Care	39.00	1.49	7.34	16%	\$0.050	\$0.058	Lighting	Level C	Level C
1	185	Base 2L4'T8, 1EB	Hospital & Heath Care	34.75	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	186	ROB 2L4' Premium T8, 1EB	Hospital & Heath Care	29.96	4.79	4.79	14%	\$0.011	\$0.013	Lighting	Level A	Level A

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1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	Hospital & Heath Care	29.41	0.55	5.34	15%	\$0.049	\$0.057	Lighting	Level C	Level C
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Hospital & Heath Care	142.18	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	208	Insulation of Pipes	Hospital & Heath Care	141.82	0.36	0.36	0%	\$0.009	\$0.011	HVAC	Level A	Level A
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Hospital & Heath Care	141.00	0.83	1.18	1%	\$0.010	\$0.012	HVAC	Level A	Level A
1	201	Chiller Tune-Up/Diagnostics	Hospital & Heath Care	140.09	0.90	2.09	1%	\$0.099	\$0.113	HVAC	Level E	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hospital & Heath Care	133.09	7.00	9.09	6%	\$0.073	\$0.084	HVAC	Level D	Level D
1	207	Installation of Energy Management Systems	Hospital & Heath Care	127.97	5.12	14.21	10%	\$0.046	\$0.053	HVAC	Level C	Level C
1	203	Roof/Ceiling Insulation	Hospital & Heath Care	127.58	0.39	14.60	10%	\$0.155	\$0.179	HVAC	Level F	Level F
1	209	Installation of Chiller Economizers (water side)	Hospital & Heath Care	121.20	6.38	20.98	15%	\$0.066	\$0.076	HVAC	Level D	Level D
1	210	Optimize Chilled Water and Condenser Water Settings	Hospital & Heath Care	118.09	3.11	24.09	17%	\$0.113	\$0.130	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Hospital & Heath Care	117.73	0.36	24.45	17%	\$0.168	\$0.194	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Hospital & Heath Care	117.35	0.37	24.83	17%	\$0.491	\$0.565	HVAC	Level F	Level F
1	205	EMS Optimization	Hospital & Heath Care	117.35	0.00	24.83	17%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	Hospital & Heath Care	142.18	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	256	Duct Insulation	Hospital & Heath Care	141.91	0.27	0.27	0%	\$0.002	\$0.002	HVAC	Level A	Level A

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1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Hospital & Heath Care	139.53	2.38	2.65	2%	\$0.002	\$0.003	HVAC	Level A	Level A
1	261	Clock/Programmable Thermostat	Hospital & Heath Care	135.82	3.70	6.36	4%	\$0.026	\$0.030	HVAC	Level A	Level B
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hospital & Heath Care	129.03	6.79	13.15	9%	\$0.075	\$0.087	HVAC	Level D	Level E
1	262	Installation of Air Side Economizers	Hospital & Heath Care	124.78	4.25	17.40	12%	\$0.065	\$0.075	HVAC	Level D	Level D
1	203	Roof/Ceiling Insulation	Hospital & Heath Care	124.39	0.38	17.79	13%	\$0.159	\$0.183	HVAC	Level F	Level F
1	251	DX Tune-Up/Diagnostics	Hospital & Heath Care	119.48	4.91	22.70	16%	\$0.180	\$0.207	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	Hospital & Heath Care	119.18	0.30	23.00	16%	\$0.048	\$0.055	HVAC	Level C	Level C
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Hospital & Heath Care	116.34	2.84	25.84	18%	\$0.258	\$0.297	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Hospital & Heath Care	115.97	0.37	26.21	18%	\$0.497	\$0.571	HVAC	Level F	Level F
1	252	High-Efficiency Packaged A/C System	Hospital & Heath Care	112.03	3.94	30.15	21%	\$0.163	\$0.188	HVAC	Level F	Level F
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Hospital & Heath Care	84.48	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	Hospital & Heath Care	64.85	19.62	19.62	23%	\$0.031	\$0.036	HVAC	Level B	Level B
1	401	Energy Efficient Fan & Pump Motors	Hospital & Heath Care	64.71	0.14	19.76	23%	\$0.253	\$0.291	HVAC	Level F	Level F
1	610	Base Desktop PC	Hospital & Heath Care	5.68	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A

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1	611	ENERGY STAR or Better Office Equipment: Computer	Hospital & Heath Care	2.66	3.02	3.02	53%	\$0.318	\$0.366	Appliances	Level F	Level F
1	620	Base Display Monitor	Hospital & Heath Care	5.47	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	Hospital & Heath Care	5.33	0.14	0.14	3%	\$0.038	\$0.043	Appliances	Level B	Level B
1	621	ENERGY STAR or Better Office Equipment: Monitors	Hospital & Heath Care	2.59	2.73	2.87	53%	\$0.384	\$0.442	Appliances	Level F	Level F
1	630	Base Copier	Hospital & Heath Care	5.43	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	Hospital & Heath Care	3.99	1.44	1.44	27%	\$0.238	\$0.273	Appliances	Level F	Level F
1	640	Base Laser Printer	Hospital & Heath Care	4.69	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	Hospital & Heath Care	2.68	2.01	2.01	43%	\$0.238	\$0.274	Appliances	Level F	Level F
1	700	Base Water Heating	Hospital & Heath Care	50.93	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	704	Hot Water (SHW) Pipe Insulation	Hospital & Heath Care	50.01	0.93	0.93	2%	\$0.016	\$0.018	Water Heat	Level A	Level A
1	701	Demand controlled circulating systems	Hospital & Heath Care	49.13	0.88	1.81	4%	\$0.058	\$0.066	Water Heat	Level C	Level D
1	702	Heat Pump Water Heater	Hospital & Heath Care	40.53	8.60	10.40	20%	\$1.155	\$1.329	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	Hospital & Heath Care	38.92	1.60	12.01	24%	\$2.010	\$2.312	Water Heat	Level F	Level F
1	800	Base Heating	Hospital & Heath Care	5.62	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	805	Clock/Programmable Thermostat	Hospital & Heath Care	4.92	0.70	0.70	12%	\$0.020	\$0.024	HVAC	Level A	Level A

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	802	Roof/Ceiling Insulation	Hospital & Heath Care	4.82	0.10	0.80	14%	\$0.091	\$0.104	HVAC	Level E	Level E
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hospital & Heath Care	4.70	0.12	0.92	16%	\$0.151	\$0.174	HVAC	Level F	Level F
1	810	Installation of Air Side Economizers	Hospital & Heath Care	4.54	0.15	1.08	19%	\$0.099	\$0.114	HVAC	Level E	Level F
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	Hotel	5.38	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	111	RET 4L4' Premium T8, 1EB	Hotel	4.03	1.35	1.35	25%	\$0.029	\$0.033	Lighting	Level A	Level B
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	Hotel	3.88	0.15	1.50	28%	\$0.043	\$0.049	Lighting	Level B	Level C
1	112	RET 2L4' Premium T8, 1EB, Reflector	Hotel	3.37	0.51	2.01	37%	\$0.025	\$0.029	Lighting	Level A	Level A
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	Hotel	2.61	0.76	2.77	51%	\$0.128	\$0.147	Lighting	Level F	Level F
1	115	RNV 2L4'T5HO, 1EB	Hotel	2.46	0.15	2.92	54%	\$0.244	\$0.280	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Hotel	4.03	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	Hotel	3.02	1.01	1.01	25%	\$0.039	\$0.044	Lighting	Level B	Level B
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	Hotel	2.91	0.11	1.13	28%	\$0.042	\$0.048	Lighting	Level B	Level C
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	Hotel	2.72	0.19	1.31	33%	\$0.037	\$0.043	Lighting	Level B	Level B
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	Hotel	2.11	0.61	1.92	48%	\$0.117	\$0.134	Lighting	Level F	Level F
1	125	RNV 1L4'T5HO, 1EB	Hotel	1.99	0.12	2.05	51%	\$0.418	\$0.481	Lighting	Level F	Level F
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	Hotel	5.05	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	Hotel	4.32	0.73	0.73	14%	\$0.056	\$0.064	Lighting	Level C	Level D
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	Hotel	4.16	0.16	0.89	18%	\$0.040	\$0.046	Lighting	Level B	Level C

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	132	RET 1L8'T12, 60W, 1EB, Reflector	Hotel	3.71	0.46	1.35	27%	\$0.030	\$0.035	Lighting	Level B	Level B
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	Hotel	2.87	0.83	2.18	43%	\$0.118	\$0.135	Lighting	Level F	Level F
1	140	Base Incandescent Flood, 75W	Hotel	25.26	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	Hotel	13.75	11.51	11.51	46%	\$0.031	\$0.035	Lighting	Level B	Level B
1	150	Base Incandescent Flood, 150W PAR	Hotel	25.26	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	Hotel	20.24	5.02	5.02	20%	\$0.071	\$0.082	Lighting	Level D	Level D
1	152	Metal Halide, 50W	Hotel	14.79	5.45	10.47	41%	\$0.261	\$0.300	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Hotel	5.05	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	Hotel	4.42	0.63	0.63	12%	\$0.012	\$0.014	Lighting	Level A	Level A
1	170	Base Mercury Vapor 400W Lamp	Hotel	37.89	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	Hotel	37.64	0.25	0.25	1%	\$0.006	\$0.007	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	Hotel	34.04	3.60	3.85	10%	\$0.011	\$0.012	Lighting	Level A	Level A
1	180	Base 4L4'T8, 1EB	Hotel	1.08	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	Hotel	0.95	0.14	0.14	13%	\$0.010	\$0.011	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	Hotel	0.91	0.03	0.17	16%	\$0.046	\$0.053	Lighting	Level C	Level C
1	185	Base 2L4'T8, 1EB	Hotel	0.81	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	186	ROB 2L4' Premium T8, 1EB	Hotel	0.70	0.11	0.11	14%	\$0.013	\$0.015	Lighting	Level A	Level A
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	Hotel	0.69	0.01	0.13	15%	\$0.045	\$0.052	Lighting	Level C	Level C
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Hotel	17.97	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	208	Insulation of Pipes	Hotel	17.92	0.05	0.05	0%	\$0.207	\$0.238	HVAC	Level F	Level F
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Hotel	17.04	0.88	0.93	5%	\$0.047	\$0.054	HVAC	Level C	Level C
1	201	Chiller Tune-Up/Diagnostics	Hotel	16.93	0.11	1.04	6%	\$0.652	\$0.750	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hotel	16.09	0.85	1.88	10%	\$0.483	\$0.555	HVAC	Level F	Level F
1	207	Installation of Energy Management Systems	Hotel	15.76	0.32	2.20	12%	\$0.295	\$0.339	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Hotel	15.68	0.08	2.29	13%	\$0.473	\$0.544	HVAC	Level F	Level F
1	209	Installation of Chiller Economizers (water side)	Hotel	15.35	0.33	2.62	15%	\$0.383	\$0.440	HVAC	Level F	Level F
1	210	Optimize Chilled Water and Condenser Water Settings	Hotel	14.95	0.39	3.02	17%	\$0.714	\$0.821	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Hotel	14.87	0.08	3.09	17%	\$0.499	\$0.574	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Hotel	14.85	0.03	3.12	17%	\$1.190	\$1.369	HVAC	Level F	Level F
1	205	EMS Optimization	Hotel	14.85	0.00	3.12	17%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	Hotel	17.97	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	256	Duct Insulation	Hotel	17.93	0.03	0.03	0%	\$0.025	\$0.029	HVAC	Level A	Level A
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Hotel	17.52	0.42	0.45	3%	\$0.066	\$0.076	HVAC	Level D	Level D
1	261	Clock/Programmable Thermostat	Hotel	16.91	0.61	1.06	6%	\$0.170	\$0.195	HVAC	Level F	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hotel	16.06	0.85	1.91	11%	\$0.484	\$0.556	HVAC	Level F	Level F
1	262	Installation of Air Side Economizers	Hotel	15.75	0.31	2.22	12%	\$0.395	\$0.455	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Hotel	15.67	0.08	2.30	13%	\$0.474	\$0.545	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	Hotel	15.63	0.04	2.34	13%	\$0.275	\$0.316	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Hotel	15.60	0.03	2.37	13%	\$1.133	\$1.303	HVAC	Level F	Level F
1	251	DX Tune-Up/Diagnostics	Hotel	14.98	0.62	2.99	17%	\$1.147	\$1.320	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWh Technical Potential	Marginal Energy Cost \$/kWh Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Hotel	14.62	0.36	3.34	19%	\$1.641	\$1.887	HVAC	Level F	Level F
1	252	High-Efficiency Packaged A/C System	Hotel	14.13	0.50	3.84	21%	\$1.035	\$1.190	HVAC	Level F	Level F
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Hotel	6.05	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	Hotel	5.93	0.12	0.12	2%	\$0.101	\$0.117	HVAC	Level E	Level F
1	401	Energy Efficient Fan & Pump Motors	Hotel	5.85	0.08	0.20	3%	\$0.616	\$0.708	HVAC	Level F	Level F
1	610	Base Desktop PC	Hotel	0.27	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	611	ENERGY STAR or Better Office Equipment: Computer	Hotel	0.13	0.14	0.14	53%	\$0.200	\$0.230	Appliances	Level F	Level F
1	620	Base Display Monitor	Hotel	0.26	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	Hotel	0.25	0.01	0.01	3%	\$0.024	\$0.027	Appliances	Level A	Level A
1	621	ENERGY STAR or Better Office Equipment: Monitors	Hotel	0.12	0.13	0.14	53%	\$0.242	\$0.279	Appliances	Level F	Level F
1	630	Base Copier	Hotel	0.72	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	Hotel	0.53	0.19	0.19	27%	\$0.041	\$0.047	Appliances	Level B	Level C
1	640	Base Laser Printer	Hotel	0.18	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	Hotel	0.10	0.08	0.08	43%	\$0.198	\$0.228	Appliances	Level F	Level F
1	700	Base Water Heating	Hotel	24.36	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	701	Demand controlled circulating systems	Hotel	23.92	0.44	0.44	2%	\$0.035	\$0.040	Water Heat	Level B	Level B
1	704	Hot Water (SHW) Pipe Insulation	Hotel	23.38	0.54	0.97	4%	\$0.043	\$0.049	Water Heat	Level B	Level C
1	702	Heat Pump Water Heater	Hotel	19.62	3.76	4.74	19%	\$0.732	\$0.842	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	Hotel	18.84	0.78	5.51	23%	\$1.253	\$1.441	Water Heat	Level F	Level F
1	800	Base Heating	Hotel	20.48	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	805	Clock/Programmable Thermostat	Hotel	18.26	2.22	2.22	11%	\$0.019	\$0.022	HVAC	Level A	Level A
1	802	Roof/Ceiling Insulation	Hotel	17.67	0.59	2.81	14%	\$0.043	\$0.049	HVAC	Level B	Level C

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1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hotel	17.23	0.44	3.25	16%	\$0.142	\$0.163	HVAC	Level F	Level F
1	810	Installation of Air Side Economizers	Hotel	16.00	1.24	4.49	22%	\$0.101	\$0.117	HVAC	Level E	Level F
1	110	Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	Misc.	9.88	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	111	RET 4L4' Premium T8, 1EB	Misc.	7.40	2.48	2.48	25%	\$0.072	\$0.083	Lighting	Level D	Level D
1	113	Occupancy Sensor, 4L4' Fluorescent Fixtures	Misc.	7.11	0.28	2.77	28%	\$0.101	\$0.116	Lighting	Level E	Level F
1	112	RET 2L4' Premium T8, 1EB, Reflector	Misc.	6.18	0.93	3.70	37%	\$0.064	\$0.074	Lighting	Level D	Level D
1	114	Continuous Dimming, 5L4' Fluorescent Fixtures	Misc.	4.79	1.39	5.09	52%	\$0.308	\$0.354	Lighting	Level F	Level F
1	115	RNV 2L4'T5HO, 1EB	Misc.	4.51	0.28	5.38	54%	\$0.616	\$0.708	Lighting	Level F	Level F
1	120	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Misc.	7.41	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	121	RET 2L4' Premium T8, 1EB	Misc.	5.55	1.86	1.86	25%	\$0.097	\$0.112	Lighting	Level E	Level F
1	123	Occupancy Sensor, 8L4' Fluorescent Fixtures	Misc.	5.34	0.21	2.08	28%	\$0.099	\$0.114	Lighting	Level E	Level F
1	122	RET 1L4' Premium T8, 1EB, Reflector OEM	Misc.	4.99	0.34	2.42	33%	\$0.094	\$0.108	Lighting	Level E	Level E
1	124	Continuous Dimming, 10L4' Fluorescent Fixtures	Misc.	3.87	1.12	3.54	48%	\$0.280	\$0.323	Lighting	Level F	Level F
1	125	RNV 1L4'T5HO, 1EB	Misc.	3.64	0.23	3.77	51%	\$1.053	\$1.211	Lighting	Level F	Level F
1	130	Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	Misc.	16.05	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	131	RET 2L8'T12, 60W, 1EB	Misc.	14.60	1.45	1.45	9%	\$0.131	\$0.151	Lighting	Level F	Level F
1	133	Occupancy Sensor, 4L8' Fluorescent Fixtures	Misc.	14.04	0.56	2.01	13%	\$0.090	\$0.104	Lighting	Level E	Level E
1	132	RET 1L8'T12, 60W, 1EB, Reflector	Misc.	12.88	1.16	3.17	20%	\$0.056	\$0.064	Lighting	Level C	Level D
1	134	Continuous Dimming, 5L8' Fluorescent Fixtures	Misc.	9.98	2.90	6.07	38%	\$0.262	\$0.301	Lighting	Level F	Level F

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1	140	Base Incandescent Flood, 75W	Misc.	25.18	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	141	CFL Screw-in, Modular 18W	Misc.	9.09	16.10	16.10	64%	\$0.080	\$0.092	Lighting	Level D	Level E
1	150	Base Incandescent Flood, 150W PAR	Misc.	25.18	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	151	Halogen PAR Flood, 90W	Misc.	20.19	5.00	5.00	20%	\$0.195	\$0.225	Lighting	Level F	Level F
1	152	Metal Halide, 50W	Misc.	14.43	5.75	10.75	43%	\$0.808	\$0.929	Lighting	Level F	Level F
1	160	Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Misc.	16.05	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	161	RET 2L4'T8, 1EB	Misc.	14.07	1.98	1.98	12%	\$0.028	\$0.033	Lighting	Level A	Level B
1	170	Base Mercury Vapor 400W Lamp	Misc.	55.09	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	172	Outdoor Lighting Controls (Photocell/Timeclock)	Misc.	51.79	3.30	3.30	6%	\$0.016	\$0.018	Lighting	Level A	Level A
1	171	High Pressure Sodium 250W Lamp	Misc.	47.87	3.92	7.21	13%	\$0.027	\$0.032	Lighting	Level A	Level B
1	180	Base 4L4'T8, 1EB	Misc.	9.22	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	181	ROB 4L4' Premium T8, 1EB	Misc.	8.05	1.16	1.16	13%	\$0.025	\$0.029	Lighting	Level A	Level A
1	182	Occupancy Sensor, 4L4' Fluorescent Fixtures	Misc.	7.74	0.31	1.47	16%	\$0.108	\$0.124	Lighting	Level E	Level F
1	185	Base 2L4'T8, 1EB	Misc.	6.91	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
1	186	ROB 2L4' Premium T8, 1EB	Misc.	5.96	0.95	0.95	14%	\$0.032	\$0.037	Lighting	Level B	Level B
1	187	Occupancy Sensor, 8L4' Fluorescent Fixtures	Misc.	5.85	0.11	1.07	15%	\$0.107	\$0.123	Lighting	Level E	Level F
1	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Misc.	54.05	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	208	Insulation of Pipes	Misc.	53.92	0.14	0.14	0%	\$0.033	\$0.038	HVAC	Level B	Level B
1	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Misc.	53.15	0.77	0.90	2%	\$0.024	\$0.027	HVAC	Level A	Level A
1	201	Chiller Tune-Up/Diagnostics	Misc.	52.81	0.34	1.24	2%	\$0.156	\$0.179	HVAC	Level F	Level F
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Misc.	50.17	2.64	3.88	7%	\$0.116	\$0.133	HVAC	Level F	Level F

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1	207	Installation of Energy Management Systems	Misc.	47.66	2.51	6.39	12%	\$0.075	\$0.087	HVAC	Level D	Level E
1	203	Roof/Ceiling Insulation	Misc.	47.37	0.29	6.68	12%	\$0.581	\$0.669	HVAC	Level F	Level F
1	209	Installation of Chiller Economizers (water side)	Misc.	45.52	1.85	8.53	16%	\$0.233	\$0.268	HVAC	Level F	Level F
1	210	Optimize Chilled Water and Condenser Water Settings	Misc.	44.35	1.17	9.70	18%	\$0.180	\$0.207	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Misc.	44.08	0.27	9.97	18%	\$0.625	\$0.719	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Misc.	41.22	2.86	12.83	24%	\$0.259	\$0.298	HVAC	Level F	Level F
1	205	EMS Optimization	Misc.	41.22	0.00	12.83	24%	N/A	\$-	HVAC	N/A	N/A
1	250	Base DX Packaged System, EER=10.3, 10 tons	Misc.	54.05	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	256	Duct Insulation	Misc.	53.95	0.10	0.10	0%	\$0.015	\$0.017	HVAC	Level A	Level A
1	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Misc.	52.91	1.04	1.14	2%	\$0.012	\$0.013	HVAC	Level A	Level A
1	261	Clock/Programmable Thermostat	Misc.	51.77	1.14	2.28	4%	\$0.031	\$0.035	HVAC	Level B	Level B
1	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Misc.	49.18	2.59	4.87	9%	\$0.118	\$0.136	HVAC	Level F	Level F
1	262	Installation of Air Side Economizers	Misc.	46.15	3.03	7.90	15%	\$0.244	\$0.280	HVAC	Level F	Level F
1	204	Cool Roofs (Reflective and Spray Evaporative)	Misc.	43.16	2.99	10.89	20%	\$0.247	\$0.284	HVAC	Level F	Level F
1	251	DX Tune-Up/Diagnostics	Misc.	41.46	1.70	12.60	23%	\$0.310	\$0.356	HVAC	Level F	Level F
1	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Misc.	40.47	0.99	13.58	25%	\$0.443	\$0.509	HVAC	Level F	Level F
1	203	Roof/Ceiling Insulation	Misc.	40.22	0.25	13.83	26%	\$0.685	\$0.788	HVAC	Level F	Level F
1	257	Duct Repair and Sealing	Misc.	40.12	0.10	13.93	26%	\$0.190	\$0.218	HVAC	Level F	Level F
1	252	High-Efficiency Packaged A/C System	Misc.	38.75	1.36	15.30	28%	\$0.282	\$0.324	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Misc.	7.37	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	402	VSD, ASD Fan & Pump Applications	Misc.	6.70	0.68	0.68	9%	\$0.096	\$0.111	HVAC	Level E	Level F
1	401	Energy Efficient Fan & Pump Motors	Misc.	6.63	0.07	0.74	10%	\$0.664	\$0.764	HVAC	Level F	Level F
1	610	Base Desktop PC	Misc.	0.93	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	611	ENERGY STAR or Better Office Equipment: Computer	Misc.	0.45	0.49	0.49	52%	\$2.346	\$2.697	Appliances	Level F	Level F
1	620	Base Display Monitor	Misc.	0.90	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	623	Smart Networks	Misc.	0.88	0.02	0.02	3%	\$0.277	\$0.319	Appliances	Level F	Level F
1	621	ENERGY STAR or Better Office Equipment: Monitors	Misc.	0.43	0.45	0.47	53%	\$2.774	\$3.190	Appliances	Level F	Level F
1	630	Base Copier	Misc.	0.93	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	631	ENERGY STAR or Better Office Equipment: Copiers	Misc.	0.69	0.24	0.24	26%	\$1.386	\$1.594	Appliances	Level F	Level F
1	640	Base Laser Printer	Misc.	0.50	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
1	641	ENERGY STAR or Better Office Equipment: Printers	Misc.	0.30	0.20	0.20	41%	\$2.052	\$2.360	Appliances	Level F	Level F
1	700	Base Water Heating	Misc.	8.77	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
1	704	Hot Water (SHW) Pipe Insulation	Misc.	8.55	0.22	0.22	3%	\$0.009	\$0.010	Water Heat	Level A	Level A
1	701	Demand controlled circulating systems	Misc.	8.34	0.21	0.43	5%	\$0.042	\$0.048	Water Heat	Level B	Level C
1	702	Heat Pump Water Heater	Misc.	6.46	1.88	2.31	26%	\$0.558	\$0.642	Water Heat	Level F	Level F
1	703	High-Efficiency Water Heater (electric)	Misc.	6.18	0.28	2.59	30%	\$1.034	\$1.189	Water Heat	Level F	Level F
1	800	Base Heating	Misc.	20.26	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
1	805	Clock/Programmable Thermostat	Misc.	18.76	1.51	1.51	7%	\$0.020	\$0.024	HVAC	Level A	Level A
1	802	Roof/Ceiling Insulation	Misc.	18.62	0.14	1.64	8%	\$0.086	\$0.099	HVAC	Level E	Level E
1	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Misc.	18.15	0.47	2.11	10%	\$0.141	\$0.162	HVAC	Level F	Level F
1	810	Installation of Air Side Economizers	Misc.	17.20	0.95	3.06	15%	\$0.096	\$0.111	HVAC	Level E	Level F
2	190	Base NC Lighting	Office	16.30	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	Office	14.67	1.63	1.63	10%	\$0.019	\$0.022	Lighting	Level A	Level A

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	192	20 % More Efficient Design (Lighting)	Office	13.05	1.61	3.24	20%	\$0.028	\$0.033	Lighting	Level A	Level B
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Office	8.85	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	208	Insulation of Pipes	Office	8.83	0.02	0.02	0%	\$0.009	\$0.011	HVAC	Level A	Level A
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Office	8.22	0.61	0.63	7%	\$0.013	\$0.015	HVAC	Level A	Level A
2	201	Chiller Tune-Up/Diagnostics	Office	8.17	0.05	0.68	8%	\$0.168	\$0.193	HVAC	Level F	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Office	7.85	0.31	1.00	11%	\$0.124	\$0.143	HVAC	Level F	Level F
2	207	Installation of Energy Management Systems	Office	7.77	0.08	1.08	12%	\$0.073	\$0.084	HVAC	Level D	Level D
2	203	Roof/Ceiling Insulation	Office	7.76	0.01	1.09	12%	\$0.288	\$0.332	HVAC	Level F	Level F
2	209	Installation of Chiller Economizers (water side)	Office	7.58	0.18	1.27	14%	\$0.155	\$0.178	HVAC	Level F	Level F
2	210	Optimize Chilled Water and Condenser Water Settings	Office	7.39	0.19	1.46	17%	\$0.179	\$0.206	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Office	7.38	0.01	1.47	17%	\$0.303	\$0.349	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Office	7.31	0.07	1.54	17%	\$0.614	\$0.706	HVAC	Level F	Level F
2	205	EMS Optimization	Office	7.31	0.00	1.54	17%	N/A	\$-	HVAC	N/A	N/A
2	250	Base DX Packaged System, EER=10.3, 10 tons	Office	8.85	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	256	Duct Insulation	Office	8.83	0.02	0.02	0%	\$0.014	\$0.017	HVAC	Level A	Level A
2	261	Clock/Programmable Thermostat	Office	8.53	0.31	0.32	4%	\$0.031	\$0.035	HVAC	Level B	Level B
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Office	8.32	0.21	0.54	6%	\$0.026	\$0.029	HVAC	Level A	Level A
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Office	8.00	0.32	0.86	10%	\$0.122	\$0.140	HVAC	Level F	Level F
2	262	Installation of Air Side Economizers	Office	7.79	0.20	1.06	12%	\$0.154	\$0.177	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	251	DX Tune-Up/Diagnostics	Office	7.59	0.21	1.26	14%	\$0.285	\$0.328	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Office	7.58	0.01	1.27	14%	\$0.295	\$0.340	HVAC	Level F	Level F
2	254	Installation of Direct of Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Office	7.40	0.18	1.46	16%	\$0.403	\$0.463	HVAC	Level F	Level F
2	257	Duct Repair and Sealing	Office	7.38	0.02	1.47	17%	\$0.457	\$0.526	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Office	7.31	0.07	1.54	17%	\$0.614	\$0.706	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	Office	6.58	0.73	2.27	26%	\$0.123	\$0.141	HVAC	Level F	Level F
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Office	4.08	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	402	VSD, ASD Fan & Pump Applications	Office	3.31	0.77	0.77	19%	\$0.051	\$0.059	HVAC	Level C	Level C
2	401	Energy Efficient Fan & Pump Motors	Office	3.29	0.01	0.78	19%	\$0.392	\$0.451	HVAC	Level F	Level F
2	610	Base Desktop PC	Office	2.18	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	611	ENERGY STAR or Better Office Equipment: Computer	Office	1.00	1.18	1.18	54%	\$0.118	\$0.136	Appliances	Level F	Level F
2	620	Base Display Monitor	Office	2.10	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	Office	1.93	0.17	0.17	8%	\$0.014	\$0.016	Appliances	Level A	Level A
2	621	ENERGY STAR or Better Office Equipment: Monitors	Office	0.95	0.99	1.16	55%	\$0.155	\$0.178	Appliances	Level F	Level F
2	630	Base Copier	Office	0.69	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	631	ENERGY STAR or Better Office Equipment: Copiers	Office	0.58	0.11	0.11	16%	\$0.120	\$0.138	Appliances	Level F	Level F
2	640	Base Laser Printer	Office	0.77	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	641	ENERGY STAR or Better Office Equipment: Printers	Office	0.34	0.43	0.43	56%	\$0.141	\$0.162	Appliances	Level F	Level F
2	700	Base Water Heating	Office	1.02	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
2	704	Hot Water (SHW) Pipe Insulation	Office	1.01	0.01	0.01	1%	\$0.027	\$0.031	Water Heat	Level A	Level B
2	701	Demand controlled circulating systems	Office	1.00	0.01	0.02	2%	\$0.155	\$0.178	Water Heat	Level F	Level F
2	702	Heat Pump Water Heater	Office	0.88	0.12	0.14	14%	\$0.699	\$0.804	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	Office	0.85	0.03	0.17	17%	\$0.664	\$0.764	Water Heat	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	800	Base Heating	Office	0.23	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	Office	0.20	0.03	0.03	13%	\$0.121	\$0.139	HVAC	Level F	Level F
2	802	Roof/Ceiling Insulation	Office	0.19	0.00	0.03	14%	\$0.392	\$0.451	HVAC	Level F	Level F
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Office	0.19	0.00	0.04	16%	\$0.872	\$1.003	HVAC	Level F	Level F
2	810	Installation of Air Side Economizers	Office	0.18	0.01	0.05	22%	\$0.615	\$0.708	HVAC	Level F	Level F
2	190	Base NC Lighting	Dry Goods Retail	10.97	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	190	Base NC Lighting	Dry Goods Retail	10.97	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	Dry Goods Retail	9.87	1.10	1.10	10%	\$0.017	\$0.020	Lighting	Level A	Level A
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Dry Goods Retail	1.81	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	208	Insulation of Pipes	Dry Goods Retail	1.80	0.00	0.00	0%	\$0.188	\$0.216	HVAC	Level F	Level F
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Dry Goods Retail	1.66	0.14	0.14	8%	\$0.019	\$0.022	HVAC	Level A	Level A
2	201	Chiller Tune-Up/Diagnostics	Dry Goods Retail	1.65	0.01	0.15	9%	\$0.435	\$0.500	HVAC	Level F	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Dry Goods Retail	1.57	0.08	0.24	13%	\$0.322	\$0.371	HVAC	Level F	Level F
2	207	Installation of Energy Management Systems	Dry Goods Retail	1.49	0.08	0.32	17%	\$0.210	\$0.241	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Dry Goods Retail	1.47	0.02	0.34	19%	\$1.410	\$1.622	HVAC	Level F	Level F
2	209	Installation of Chiller Economizers (water side)	Dry Goods Retail	1.39	0.07	0.41	23%	\$0.538	\$0.618	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	210	Optimize Chilled Water and Condenser Water Settings	Dry Goods Retail	1.36	0.04	0.45	25%	\$0.511	\$0.588	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Dry Goods Retail	1.34	0.02	0.47	26%	\$1.547	\$1.779	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Dry Goods Retail	1.29	0.05	0.51	28%	\$1.113	\$1.280	HVAC	Level F	Level F
2	205	EMS Optimization	Dry Goods Retail	1.29	0.00	0.51	28%	N/A	\$-	HVAC	N/A	N/A
2	250	Base DX Packaged System, EER=10.3, 10 tons	Dry Goods Retail	1.81	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Dry Goods Retail	1.76	0.05	0.05	3%	\$0.040	\$0.046	HVAC	Level B	Level C
2	256	Duct Insulation	Dry Goods Retail	1.76	0.00	0.05	3%	\$0.079	\$0.091	HVAC	Level D	Level E
2	261	Clock/Programmable Thermostat	Dry Goods Retail	1.71	0.05	0.10	5%	\$0.083	\$0.095	HVAC	Level D	Level E
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Dry Goods Retail	1.62	0.09	0.18	10%	\$0.312	\$0.359	HVAC	Level F	Level F
2	262	Installation of Air Side Economizers	Dry Goods Retail	1.51	0.11	0.30	17%	\$0.526	\$0.605	HVAC	Level F	Level F
2	251	DX Tune-Up/Diagnostics	Dry Goods Retail	1.47	0.04	0.34	19%	\$0.773	\$0.888	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Dry Goods Retail	1.42	0.05	0.39	22%	\$1.015	\$1.167	HVAC	Level F	Level F
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Dry Goods Retail	1.38	0.03	0.42	23%	\$1.129	\$1.298	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Dry Goods Retail	1.36	0.02	0.44	25%	\$1.519	\$1.747	HVAC	Level F	Level F

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2	257	Duct Repair and Sealing	Dry Goods Retail	1.36	0.00	0.45	25%	\$1.561	\$1.795	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	Dry Goods Retail	1.22	0.14	0.58	32%	\$0.347	\$0.399	HVAC	Level F	Level F
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Dry Goods Retail	7.21	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	402	VSD, ASD Fan & Pump Applications	Dry Goods Retail	6.25	0.95	0.95	13%	\$0.056	\$0.065	HVAC	Level C	Level D
2	401	Energy Efficient Fan & Pump Motors	Dry Goods Retail	6.23	0.02	0.98	14%	\$0.455	\$0.523	HVAC	Level F	Level F
2	610	Base Desktop PC	Dry Goods Retail	0.13	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	611	ENERGY STAR or Better Office Equipment: Computer	Dry Goods Retail	0.06	0.07	0.07	52%	\$0.096	\$0.111	Appliances	Level E	Level F
2	620	Base Display Monitor	Dry Goods Retail	0.13	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	Dry Goods Retail	0.13	0.00	0.00	1%	\$0.011	\$0.013	Appliances	Level A	Level A
2	621	ENERGY STAR or Better Office Equipment: Monitors	Dry Goods Retail	0.06	0.07	0.07	52%	\$0.112	\$0.129	Appliances	Level F	Level F
2	630	Base Copier	Dry Goods Retail	0.03	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	631	ENERGY STAR or Better Office Equipment: Copiers	Dry Goods Retail	0.01	0.02	0.02	61%	\$0.065	\$0.075	Appliances	Level D	Level D
2	640	Base Laser Printer	Dry Goods Retail	0.12	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	641	ENERGY STAR or Better Office Equipment: Printers	Dry Goods Retail	0.06	0.06	0.06	51%	\$0.116	\$0.133	Appliances	Level F	Level F
2	700	Base Water Heating	Dry Goods Retail	0.80	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A

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2	704	Hot Water (SHW) Pipe Insulation	Dry Goods Retail	0.78	0.02	0.02	2%	\$0.123	\$0.141	Water Heat	Level F	Level F
2	701	Demand controlled circulating systems	Dry Goods Retail	0.76	0.02	0.04	5%	\$1.371	\$1.576	Water Heat	Level F	Level F
2	702	Heat Pump Water Heater	Dry Goods Retail	0.59	0.17	0.21	26%	\$2.097	\$2.412	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	Dry Goods Retail	0.57	0.02	0.23	29%	\$2.266	\$2.606	Water Heat	Level F	Level F
2	800	Base Heating	Dry Goods Retail	0.58	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	Dry Goods Retail	0.53	0.05	0.05	9%	\$0.103	\$0.118	HVAC	Level E	Level F
2	802	Roof/Ceiling Insulation	Dry Goods Retail	0.51	0.02	0.07	11%	\$0.480	\$0.552	HVAC	Level F	Level F
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Dry Goods Retail	0.50	0.01	0.08	14%	\$0.719	\$0.827	HVAC	Level F	Level F
2	810	Installation of Air Side Economizers	Dry Goods Retail	0.47	0.03	0.11	19%	\$0.508	\$0.584	HVAC	Level F	Level F
2	100	Base Cooking	Restaurant	9.13	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	102	High-Efficiency Range and Oven	Restaurant	8.77	0.36	0.36	4%	\$0.211	\$0.243	Appliances	Level F	Level F
2	190	Base NC Lighting	Restaurant	2.59	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	Restaurant	2.33	0.26	0.26	10%	\$0.012	\$0.013	Lighting	Level A	Level A
2	192	20 % More Efficient Design (Lighting)	Restaurant	2.07	0.26	0.52	20%	\$0.017	\$0.020	Lighting	Level A	Level A
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Restaurant	1.36	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	208	Insulation of Pipes	Restaurant	1.36	0.00	0.00	0%	\$0.041	\$0.047	HVAC	Level B	Level C
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Restaurant	1.34	0.02	0.02	1%	\$0.012	\$0.013	HVAC	Level A	Level A
2	201	Chiller Tune-Up/Diagnostics	Restaurant	1.33	0.01	0.03	2%	\$0.072	\$0.083	HVAC	Level D	Level D

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Restaurant	1.29	0.04	0.07	5%	\$0.054	\$0.062	HVAC	Level C	Level D
2	207	Installation of Energy Management Systems	Restaurant	1.22	0.06	0.14	10%	\$0.034	\$0.039	HVAC	Level B	Level B
2	203	Roof/Ceiling Insulation	Restaurant	1.20	0.02	0.16	11%	\$0.289	\$0.332	HVAC	Level F	Level F
2	209	Installation of Chiller Economizers (water side)	Restaurant	1.14	0.06	0.22	16%	\$0.116	\$0.133	HVAC	Level F	Level F
2	210	Optimize Chilled Water and Condenser Water Settings	Restaurant	1.11	0.03	0.25	18%	\$0.084	\$0.096	HVAC	Level D	Level E
2	203	Roof/Ceiling Insulation	Restaurant	1.10	0.02	0.26	19%	\$0.317	\$0.364	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Restaurant	1.03	0.07	0.33	24%	\$0.128	\$0.147	HVAC	Level F	Level F
2	205	EMS Optimization	Restaurant	1.03	0.00	0.33	24%	N/A	\$-	HVAC	N/A	N/A
2	250	Base DX Packaged System, EER=10.3, 10 tons	Restaurant	1.36	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	256	Duct Insulation	Restaurant	1.36	0.00	0.00	0%	\$0.007	\$0.008	HVAC	Level A	Level A
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Restaurant	1.32	0.03	0.04	3%	\$0.006	\$0.007	HVAC	Level A	Level A
2	261	Clock/Programmable Thermostat	Restaurant	1.27	0.05	0.09	7%	\$0.017	\$0.019	HVAC	Level A	Level A
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Restaurant	1.23	0.04	0.13	10%	\$0.056	\$0.065	HVAC	Level C	Level D
2	262	Installation of Air Side Economizers	Restaurant	1.17	0.05	0.19	14%	\$0.116	\$0.133	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Restaurant	1.10	0.08	0.26	19%	\$0.120	\$0.138	HVAC	Level F	Level F
2	251	DX Tune-Up/Diagnostics	Restaurant	1.07	0.03	0.29	22%	\$0.143	\$0.164	HVAC	Level F	Level F
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Restaurant	1.04	0.03	0.32	23%	\$0.201	\$0.231	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Restaurant	1.03	0.02	0.33	25%	\$0.339	\$0.390	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	257	Duct Repair and Sealing	Restaurant	1.02	0.00	0.34	25%	\$0.366	\$0.421	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	Restaurant	0.92	0.10	0.44	32%	\$0.062	\$0.071	HVAC	Level D	Level D
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Restaurant	0.12	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	402	VSD, ASD Fan & Pump Applications	Restaurant	0.11	0.00	0.00	3%	\$0.057	\$0.066	HVAC	Level C	Level D
2	401	Energy Efficient Fan & Pump Motors	Restaurant	0.11	0.00	0.00	4%	\$0.426	\$0.490	HVAC	Level F	Level F
2	610	Base Desktop PC	Restaurant	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	611	ENERGY STAR or Better Office Equipment: Computer	Restaurant	0.01	0.01	0.01	53%	\$0.286	\$0.329	Appliances	Level F	Level F
2	620	Base Display Monitor	Restaurant	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	Restaurant	0.01	0.00	0.00	3%	\$0.034	\$0.039	Appliances	Level B	Level B
2	621	ENERGY STAR or Better Office Equipment: Monitors	Restaurant	0.01	0.01	0.01	53%	\$0.346	\$0.398	Appliances	Level F	Level F
2	630	Base Copier	Restaurant	0.00	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	631	ENERGY STAR or Better Office Equipment: Copiers	Restaurant	0.00	0.00	0.00	62%	\$0.272	\$0.313	Appliances	Level F	Level F
2	640	Base Laser Printer	Restaurant	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	641	ENERGY STAR or Better Office Equipment: Printers	Restaurant	0.01	0.01	0.01	53%	\$0.287	\$0.330	Appliances	Level F	Level F
2	700	Base Water Heating	Restaurant	0.53	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
2	704	Hot Water (SHW) Pipe Insulation	Restaurant	0.52	0.01	0.01	3%	\$0.016	\$0.019	Water Heat	Level A	Level A
2	701	Demand controlled circulating systems	Restaurant	0.51	0.01	0.03	5%	\$0.049	\$0.057	Water Heat	Level C	Level C
2	702	Heat Pump Water Heater	Restaurant	0.39	0.11	0.14	26%	\$0.219	\$0.252	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	Restaurant	0.38	0.02	0.16	29%	\$0.237	\$0.272	Water Heat	Level F	Level F
2	800	Base Heating	Restaurant	0.79	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	Restaurant	0.72	0.07	0.07	9%	\$0.012	\$0.014	HVAC	Level A	Level A
2	802	Roof/Ceiling Insulation	Restaurant	0.69	0.02	0.09	12%	\$0.059	\$0.068	HVAC	Level C	Level D
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Restaurant	0.68	0.02	0.11	14%	\$0.093	\$0.107	HVAC	Level E	Level E
2	810	Installation of Air Side Economizers	Restaurant	0.65	0.03	0.14	17%	\$0.062	\$0.071	HVAC	Level D	Level D

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	190	Base NC Lighting	Grocery	3.95	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	Grocery	3.56	0.40	0.40	10%	\$0.008	\$0.009	Lighting	Level A	Level A
2	192	20 % More Efficient Design (Lighting)	Grocery	3.17	0.39	0.79	20%	\$0.012	\$0.014	Lighting	Level A	Level A
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Grocery	1.52	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	208	Insulation of Pipes	Grocery	1.51	0.00	0.00	0%	\$0.012	\$0.014	HVAC	Level A	Level A
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Grocery	1.41	0.11	0.11	7%	\$0.003	\$0.004	HVAC	Level A	Level A
2	201	Chiller Tune-Up/Diagnostics	Grocery	1.40	0.01	0.12	8%	\$0.102	\$0.117	HVAC	Level E	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Grocery	1.33	0.07	0.19	12%	\$0.075	\$0.087	HVAC	Level D	Level E
2	207	Installation of Energy Management Systems	Grocery	1.26	0.07	0.26	17%	\$0.049	\$0.056	HVAC	Level C	Level C
2	203	Roof/Ceiling Insulation	Grocery	1.26	0.00	0.26	17%	\$0.253	\$0.291	HVAC	Level F	Level F
2	209	Installation of Chiller Economizers (water side)	Grocery	1.20	0.06	0.32	21%	\$0.096	\$0.110	HVAC	Level E	Level F
2	210	Optimize Chilled Water and Condenser Water Settings	Grocery	1.17	0.03	0.35	23%	\$0.118	\$0.136	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Grocery	1.16	0.00	0.36	23%	\$0.274	\$0.315	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Grocery	1.07	0.09	0.45	29%	\$0.088	\$0.101	HVAC	Level E	Level E
2	205	EMS Optimization	Grocery	1.07	0.00	0.45	29%	N/A	\$-	HVAC	N/A	N/A
2	250	Base DX Packaged System, EER=10.3, 10 tons	Grocery	1.52	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	256	Duct Insulation	Grocery	1.52	0.00	0.00	0%	\$0.006	\$0.007	HVAC	Level A	Level A
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Grocery	1.48	0.04	0.04	3%	\$0.006	\$0.007	HVAC	Level A	Level A
2	261	Clock/Programmable Thermostat	Grocery	1.41	0.07	0.11	7%	\$0.021	\$0.025	HVAC	Level A	Level A

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Grocery	1.34	0.07	0.18	12%	\$0.075	\$0.086	HVAC	Level D	Level E
2	262	Installation of Air Side Economizers	Grocery	1.24	0.10	0.28	18%	\$0.098	\$0.113	HVAC	Level E	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Grocery	1.15	0.10	0.37	25%	\$0.082	\$0.094	HVAC	Level D	Level E
2	251	DX Tune-Up/Diagnostics	Grocery	1.11	0.03	0.40	27%	\$0.202	\$0.232	HVAC	Level F	Level F
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Grocery	1.09	0.03	0.43	28%	\$0.285	\$0.327	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Grocery	1.09	0.00	0.43	29%	\$0.294	\$0.338	HVAC	Level F	Level F
2	257	Duct Repair and Sealing	Grocery	1.08	0.00	0.44	29%	\$0.299	\$0.344	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	Grocery	0.97	0.11	0.54	36%	\$0.086	\$0.099	HVAC	Level E	Level E
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Grocery	0.32	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	402	VSD, ASD Fan & Pump Applications	Grocery	0.28	0.04	0.04	13%	\$0.025	\$0.028	HVAC	Level A	Level A
2	401	Energy Efficient Fan & Pump Motors	Grocery	0.27	0.00	0.04	14%	\$0.198	\$0.228	HVAC	Level F	Level F
2	500	Base Refrigeration System	Grocery	2.78	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	510	Demand Defrost Electric	Grocery	2.67	0.11	0.11	4%	\$0.008	\$0.009	Appliances	Level A	Level A
2	505	High-Efficiency Compressors	Grocery	2.52	0.15	0.26	9%	\$0.026	\$0.029	Appliances	Level A	Level A
2	509	Demand Hot Gas Defrost	Grocery	2.48	0.04	0.30	11%	\$0.027	\$0.032	Appliances	Level A	Level B
2	507	Installation of Floating Condenser Head Pressure Controls	Grocery	2.43	0.05	0.35	13%	\$0.044	\$0.051	Appliances	Level B	Level C
2	502	Strip Curtains for Walk-Ins	Grocery	2.40	0.03	0.38	14%	\$0.059	\$0.068	Appliances	Level C	Level D
2	511	Anti-Sweat (Humidistat) Controls	Grocery	2.35	0.05	0.43	16%	\$0.073	\$0.084	Appliances	Level D	Level D
2	503	Night Covers for Display Cases	Grocery	2.31	0.04	0.47	17%	\$0.123	\$0.142	Appliances	Level F	Level F
2	501	High Efficiency Case Fans	Grocery	2.04	0.26	0.74	27%	\$0.154	\$0.178	Appliances	Level F	Level F
2	506	Compressor VSD retrofit	Grocery	1.99	0.05	0.79	28%	\$0.208	\$0.239	Appliances	Level F	Level F
2	508	Refrigeration Commissioning	Grocery	1.94	0.05	0.84	30%	\$0.265	\$0.305	Appliances	Level F	Level F
2	504	Reduced Speed or Cycling of Evaporator Fans	Grocery	1.93	0.01	0.84	30%	\$0.622	\$0.715	Appliances	Level F	Level F

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2	610	Base Desktop PC	Grocery	0.04	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	611	ENERGY STAR or Better Office Equipment: Computer	Grocery	0.02	0.02	0.02	53%	\$0.041	\$0.047	Appliances	Level B	Level C
2	620	Base Display Monitor	Grocery	0.04	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	Grocery	0.04	0.00	0.00	1%	\$0.005	\$0.006	Appliances	Level A	Level A
2	621	ENERGY STAR or Better Office Equipment: Monitors	Grocery	0.02	0.02	0.02	52%	\$0.049	\$0.056	Appliances	Level C	Level C
2	630	Base Copier	Grocery	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	631	ENERGY STAR or Better Office Equipment: Copiers	Grocery	0.00	0.01	0.01	62%	\$0.086	\$0.099	Appliances	Level E	Level E
2	640	Base Laser Printer	Grocery	0.03	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	641	ENERGY STAR or Better Office Equipment: Printers	Grocery	0.02	0.02	0.02	53%	\$0.041	\$0.047	Appliances	Level B	Level C
2	700	Base Water Heating	Grocery	0.18	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
2	704	Hot Water (SHW) Pipe Insulation	Grocery	0.17	0.00	0.00	3%	\$0.006	\$0.007	Water Heat	Level A	Level A
2	702	Heat Pump Water Heater	Grocery	0.14	0.04	0.04	24%	\$0.100	\$0.115	Water Heat	Level E	Level F
2	701	Demand controlled circulating systems	Grocery	0.13	0.00	0.05	26%	\$0.201	\$0.231	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	Grocery	0.13	0.01	0.05	29%	\$0.110	\$0.127	Water Heat	Level F	Level F
2	800	Base Heating	Grocery	0.03	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	Grocery	0.03	0.00	0.00	9%	\$0.065	\$0.075	HVAC	Level D	Level D
2	802	Roof/Ceiling Insulation	Grocery	0.03	0.00	0.00	13%	\$0.346	\$0.398	HVAC	Level F	Level F
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Grocery	0.03	0.00	0.00	15%	\$0.500	\$0.575	HVAC	Level F	Level F
2	810	Installation of Air Side Economizers	Grocery	0.02	0.00	0.01	22%	\$0.360	\$0.414	HVAC	Level F	Level F
2	190	Base NC Lighting	Warehouse	6.81	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	Warehouse	6.13	0.68	0.68	10%	\$0.035	\$0.040	Lighting	Level B	Level B
2	192	20 % More Efficient Design (Lighting)	Warehouse	5.46	0.67	1.36	20%	\$0.051	\$0.059	Lighting	Level C	Level C
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Warehouse	1.23	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	208	Insulation of Pipes	Warehouse	1.22	0.00	0.00	0%	\$0.009	\$0.011	HVAC	Level A	Level A
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Warehouse	1.11	0.11	0.12	10%	\$0.005	\$0.005	HVAC	Level A	Level A
2	201	Chiller Tune-Up/Diagnostics	Warehouse	1.10	0.01	0.12	10%	\$0.122	\$0.141	HVAC	Level F	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Warehouse	1.05	0.06	0.18	15%	\$0.091	\$0.104	HVAC	Level E	Level E
2	207	Installation of Energy Management Systems	Warehouse	1.01	0.04	0.22	18%	\$0.058	\$0.066	HVAC	Level C	Level D
2	203	Roof/Ceiling Insulation	Warehouse	1.00	0.00	0.22	18%	\$1.024	\$1.178	HVAC	Level F	Level F
2	209	Installation of Chiller Economizers (water side)	Warehouse	0.95	0.05	0.28	22%	\$0.411	\$0.472	HVAC	Level F	Level F
2	210	Optimize Chilled Water and Condenser Water Settings	Warehouse	0.93	0.02	0.30	24%	\$0.141	\$0.162	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Warehouse	0.93	0.00	0.30	25%	\$1.110	\$1.276	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Warehouse	0.84	0.08	0.39	32%	\$0.317	\$0.364	HVAC	Level F	Level F
2	205	EMS Optimization	Warehouse	0.84	0.00	0.39	32%	N/A	\$-	HVAC	N/A	N/A
2	250	Base DX Packaged System, EER=10.3, 10 tons	Warehouse	1.23	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	256	Duct Insulation	Warehouse	1.23	0.00	0.00	0%	\$0.011	\$0.013	HVAC	Level A	Level A
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Warehouse	1.19	0.03	0.03	3%	\$0.011	\$0.013	HVAC	Level A	Level A
2	261	Clock/Programmable Thermostat	Warehouse	1.17	0.03	0.06	5%	\$0.027	\$0.031	HVAC	Level A	Level B
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Warehouse	1.11	0.06	0.12	10%	\$0.086	\$0.099	HVAC	Level E	Level E
2	251	DX Tune-Up/Diagnostics	Warehouse	1.08	0.03	0.15	12%	\$0.197	\$0.227	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Warehouse	0.98	0.10	0.25	20%	\$0.271	\$0.312	HVAC	Level F	Level F
2	262	Installation of Air Side Economizers	Warehouse	0.94	0.04	0.29	24%	\$0.427	\$0.491	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWh Technical Potential	Marginal Energy Cost \$/kWh Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Warehouse	0.92	0.02	0.31	25%	\$0.320	\$0.368	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Warehouse	0.91	0.00	0.31	26%	\$1.125	\$1.293	HVAC	Level F	Level F
2	257	Duct Repair and Sealing	Warehouse	0.91	0.00	0.32	26%	\$1.216	\$1.398	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	Warehouse	0.82	0.09	0.41	33%	\$0.097	\$0.112	HVAC	Level E	Level F
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Warehouse	3.30	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	402	VSD, ASD Fan & Pump Applications	Warehouse	2.75	0.55	0.55	17%	\$0.045	\$0.051	HVAC	Level B	Level C
2	401	Energy Efficient Fan & Pump Motors	Warehouse	2.73	0.02	0.57	17%	\$0.319	\$0.367	HVAC	Level F	Level F
2	610	Base Desktop PC	Warehouse	0.13	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	611	ENERGY STAR or Better Office Equipment: Computer	Warehouse	0.06	0.07	0.07	53%	\$0.837	\$0.962	Appliances	Level F	Level F
2	620	Base Display Monitor	Warehouse	0.12	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	Warehouse	0.12	0.00	0.00	1%	\$0.099	\$0.114	Appliances	Level E	Level F
2	621	ENERGY STAR or Better Office Equipment: Monitors	Warehouse	0.06	0.06	0.06	52%	\$0.995	\$1.145	Appliances	Level F	Level F
2	630	Base Copier	Warehouse	0.02	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	631	ENERGY STAR or Better Office Equipment: Copiers	Warehouse	0.01	0.01	0.01	62%	\$0.576	\$0.663	Appliances	Level F	Level F
2	640	Base Laser Printer	Warehouse	0.08	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	641	ENERGY STAR or Better Office Equipment: Printers	Warehouse	0.04	0.04	0.04	53%	\$0.688	\$0.791	Appliances	Level F	Level F
2	700	Base Water Heating	Warehouse	0.64	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
2	704	Hot Water (SHW) Pipe Insulation	Warehouse	0.62	0.02	0.02	2%	\$0.011	\$0.012	Water Heat	Level A	Level A
2	702	Heat Pump Water Heater	Warehouse	0.48	0.14	0.16	24%	\$0.116	\$0.133	Water Heat	Level F	Level F
2	701	Demand controlled circulating systems	Warehouse	0.47	0.01	0.17	26%	\$0.196	\$0.226	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	Warehouse	0.45	0.02	0.19	29%	\$0.128	\$0.148	Water Heat	Level F	Level F
2	800	Base Heating	Warehouse	0.14	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	Warehouse	0.13	0.01	0.01	8%	\$0.110	\$0.127	HVAC	Level F	Level F
2	802	Roof/Ceiling Insulation	Warehouse	0.13	0.00	0.01	10%	\$0.527	\$0.606	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Warehouse	0.13	0.00	0.02	12%	\$0.830	\$0.955	HVAC	Level F	Level F
2	810	Installation of Air Side Economizers	Warehouse	0.12	0.01	0.03	19%	\$0.598	\$0.688	HVAC	Level F	Level F
2	190	Base NC Lighting	School	0.76	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	School	0.68	0.08	0.08	10%	\$0.038	\$0.044	Lighting	Level B	Level B
2	192	20 % More Efficient Design (Lighting)	School	0.61	0.08	0.15	20%	\$0.056	\$0.065	Lighting	Level C	Level D
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	School	0.05	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	208	Insulation of Pipes	School	0.05	0.00	0.00	0%	\$0.449	\$0.517	HVAC	Level F	Level F
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	School	0.05	0.00	0.00	2%	\$0.108	\$0.124	HVAC	Level E	Level F
2	201	Chiller Tune-Up/Diagnostics	School	0.05	0.00	0.00	3%	\$1.489	\$1.712	HVAC	Level F	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	School	0.05	0.00	0.00	8%	\$1.103	\$1.269	HVAC	Level F	Level F
2	207	Installation of Energy Management Systems	School	0.04	0.00	0.01	11%	\$0.697	\$0.801	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	School	0.04	0.00	0.01	11%	\$5.118	\$5.886	HVAC	Level F	Level F
2	209	Installation of Chiller Economizers (water side)	School	0.04	0.00	0.01	15%	\$1.956	\$2.249	HVAC	Level F	Level F
2	210	Optimize Chilled Water and Condenser Water Settings	School	0.04	0.00	0.01	17%	\$1.690	\$1.943	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	School	0.04	0.00	0.01	18%	\$5.500	\$6.325	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	School	0.04	0.00	0.01	20%	\$2.276	\$2.618	HVAC	Level F	Level F
2	205	EMS Optimization	School	0.04	0.00	0.01	20%	N/A	\$-	HVAC	N/A	N/A
2	250	Base DX Packaged System, EER=10.3, 10 tons	School	0.05	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	256	Duct Insulation	School	0.05	0.00	0.00	0%	\$0.067	\$0.077	HVAC	Level D	Level D

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2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	School	0.05	0.00	0.00	2%	\$0.084	\$0.096	HVAC	Level D	Level E
2	261	Clock/Programmable Thermostat	School	0.05	0.00	0.00	4%	\$0.299	\$0.344	HVAC	Level F	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	School	0.05	0.00	0.00	9%	\$1.119	\$1.287	HVAC	Level F	Level F
2	262	Installation of Air Side Economizers	School	0.04	0.00	0.01	12%	\$1.934	\$2.224	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	School	0.04	0.00	0.01	15%	\$2.135	\$2.456	HVAC	Level F	Level F
2	251	DX Tune-Up/Diagnostics	School	0.04	0.00	0.01	17%	\$2.753	\$3.166	HVAC	Level F	Level F
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	School	0.04	0.00	0.01	19%	\$3.884	\$4.467	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	School	0.04	0.00	0.01	19%	\$5.621	\$6.464	HVAC	Level F	Level F
2	257	Duct Repair and Sealing	School	0.04	0.00	0.01	19%	\$5.899	\$6.784	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	School	0.04	0.00	0.01	28%	\$1.180	\$1.357	HVAC	Level F	Level F
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	School	0.13	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	402	VSD, ASD Fan & Pump Applications	School	0.10	0.03	0.03	20%	\$0.081	\$0.093	HVAC	Level D	Level E
2	401	Energy Efficient Fan & Pump Motors	School	0.10	0.00	0.03	20%	\$0.604	\$0.695	HVAC	Level F	Level F
2	610	Base Desktop PC	School	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	611	ENERGY STAR or Better Office Equipment: Computer	School	0.01	0.01	0.01	53%	\$1.385	\$1.593	Appliances	Level F	Level F
2	620	Base Display Monitor	School	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	School	0.01	0.00	0.00	8%	\$0.164	\$0.188	Appliances	Level F	Level F
2	621	ENERGY STAR or Better Office Equipment: Monitors	School	0.00	0.01	0.01	55%	\$1.751	\$2.014	Appliances	Level F	Level F
2	630	Base Copier	School	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	631	ENERGY STAR or Better Office Equipment: Copiers	School	0.01	0.00	0.00	17%	\$0.407	\$0.469	Appliances	Level F	Level F
2	640	Base Laser Printer	School	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A

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2	641	ENERGY STAR or Better Office Equipment: Printers	School	0.00	0.00	0.00	52%	\$0.945	\$1.087	Appliances	Level F	Level F
2	700	Base Water Heating	School	0.21	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
2	704	Hot Water (SHW) Pipe Insulation	School	0.21	0.00	0.00	0%	\$0.048	\$0.055	Water Heat	Level C	Level C
2	701	Demand controlled circulating systems	School	0.21	0.00	0.00	1%	\$0.211	\$0.243	Water Heat	Level F	Level F
2	702	Heat Pump Water Heater	School	0.19	0.02	0.02	12%	\$1.363	\$1.567	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	School	0.18	0.01	0.03	14%	\$1.314	\$1.511	Water Heat	Level F	Level F
2	800	Base Heating	School	1.20	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	School	1.04	0.16	0.16	13%	\$0.010	\$0.011	HVAC	Level A	Level A
2	802	Roof/Ceiling Insulation	School	1.01	0.02	0.19	15%	\$0.047	\$0.054	HVAC	Level C	Level C
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	School	0.99	0.03	0.21	18%	\$0.072	\$0.083	HVAC	Level D	Level D
2	810	Installation of Air Side Economizers	School	0.95	0.03	0.25	20%	\$0.047	\$0.055	HVAC	Level C	Level C
2	190	Base NC Lighting	University	0.66	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	University	0.59	0.07	0.07	10%	\$0.019	\$0.022	Lighting	Level A	Level A
2	192	20 % More Efficient Design (Lighting)	University	0.53	0.06	0.13	20%	\$0.028	\$0.033	Lighting	Level A	Level B
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	University	0.09	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	208	Insulation of Pipes	University	0.09	0.00	0.00	0%	\$0.061	\$0.070	HVAC	Level D	Level D
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	University	0.09	0.00	0.00	2%	\$0.022	\$0.025	HVAC	Level A	Level A
2	201	Chiller Tune-Up/Diagnostics	University	0.08	0.00	0.00	3%	\$0.239	\$0.275	HVAC	Level F	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	University	0.08	0.00	0.01	8%	\$0.177	\$0.204	HVAC	Level F	Level F
2	207	Installation of Energy Management Systems	University	0.08	0.00	0.01	10%	\$0.109	\$0.126	HVAC	Level E	Level F
2	203	Roof/Ceiling Insulation	University	0.08	0.00	0.01	10%	\$0.257	\$0.295	HVAC	Level F	Level F

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	209	Installation of Chiller Economizers (water side)	University	0.07	0.00	0.01	15%	\$0.158	\$0.182	HVAC	Level F	Level F
2	210	Optimize Chilled Water and Condenser Water Settings	University	0.07	0.00	0.01	17%	\$0.271	\$0.311	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	University	0.07	0.00	0.02	17%	\$0.278	\$0.320	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	University	0.07	0.00	0.02	18%	\$0.719	\$0.826	HVAC	Level F	Level F
2	205	EMS Optimization	University	0.07	0.00	0.02	18%	N/A	\$-	HVAC	N/A	N/A
2	250	Base DX Packaged System, EER=10.3, 10 tons	University	0.09	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	256	Duct Insulation	University	0.09	0.00	0.00	0%	\$0.005	\$0.005	HVAC	Level A	Level A
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	University	0.09	0.00	0.00	2%	\$0.017	\$0.020	HVAC	Level A	Level A
2	261	Clock/Programmable Thermostat	University	0.08	0.00	0.00	4%	\$0.048	\$0.055	HVAC	Level C	Level C
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	University	0.08	0.00	0.01	8%	\$0.178	\$0.205	HVAC	Level F	Level F
2	262	Installation of Air Side Economizers	University	0.07	0.01	0.01	15%	\$0.169	\$0.194	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	University	0.07	0.00	0.01	16%	\$0.272	\$0.313	HVAC	Level F	Level F
2	251	DX Tune-Up/Diagnostics	University	0.07	0.00	0.02	18%	\$0.446	\$0.512	HVAC	Level F	Level F
2	257	Duct Repair and Sealing	University	0.07	0.00	0.02	18%	\$0.464	\$0.534	HVAC	Level F	Level F
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	University	0.07	0.00	0.02	20%	\$0.630	\$0.725	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	University	0.07	0.00	0.02	20%	\$0.742	\$0.853	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	University	0.06	0.01	0.02	28%	\$0.192	\$0.220	HVAC	Level F	Level F
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	University	0.07	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	402	VSD, ASD Fan & Pump Applications	University	0.05	0.02	0.02	23%	\$0.076	\$0.087	HVAC	Level D	Level E
2	401	Energy Efficient Fan & Pump Motors	University	0.05	0.00	0.02	23%	\$0.619	\$0.712	HVAC	Level F	Level F

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2	610	Base Desktop PC	University	0.02	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	611	ENERGY STAR or Better Office Equipment: Computer	University	0.01	0.01	0.01	53%	\$0.121	\$0.139	Appliances	Level F	Level F
2	620	Base Display Monitor	University	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	University	0.01	0.00	0.00	8%	\$0.014	\$0.016	Appliances	Level A	Level A
2	621	ENERGY STAR or Better Office Equipment: Monitors	University	0.01	0.01	0.01	55%	\$0.152	\$0.175	Appliances	Level F	Level F
2	630	Base Copier	University	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	631	ENERGY STAR or Better Office Equipment: Copiers	University	0.01	0.00	0.00	17%	\$0.050	\$0.058	Appliances	Level C	Level C
2	640	Base Laser Printer	University	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	641	ENERGY STAR or Better Office Equipment: Printers	University	0.00	0.00	0.00	52%	\$0.094	\$0.109	Appliances	Level E	Level E
2	700	Base Water Heating	University	0.09	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
2	701	Demand controlled circulating systems	University	0.09	0.00	0.00	1%	\$0.050	\$0.057	Water Heat	Level C	Level C
2	704	Hot Water (SHW) Pipe Insulation	University	0.09	0.00	0.00	3%	\$0.084	\$0.097	Water Heat	Level D	Level E
2	702	Heat Pump Water Heater	University	0.08	0.01	0.01	14%	\$2.554	\$2.937	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	University	0.08	0.00	0.02	17%	\$2.409	\$2.771	Water Heat	Level F	Level F
2	800	Base Heating	University	0.05	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	University	0.04	0.01	0.01	12%	\$0.120	\$0.138	HVAC	Level F	Level F
2	802	Roof/Ceiling Insulation	University	0.04	0.00	0.01	14%	\$0.362	\$0.416	HVAC	Level F	Level F
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	University	0.04	0.00	0.01	16%	\$0.874	\$1.005	HVAC	Level F	Level F
2	810	Installation of Air Side Economizers	University	0.04	0.00	0.01	19%	\$0.573	\$0.659	HVAC	Level F	Level F
2	190	Base NC Lighting	Hospital & Health Care	8.99	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	Hospital & Health Care	8.09	0.90	0.90	10%	\$0.009	\$0.011	Lighting	Level A	Level A

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2	192	20 % More Efficient Design (Lighting)	Hospital & Heath Care	7.20	0.89	1.79	20%	\$0.014	\$0.016	Lighting	Level A	Level A
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Hospital & Heath Care	3.43	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	208	Insulation of Pipes	Hospital & Heath Care	3.42	0.01	0.01	0%	\$0.009	\$0.011	HVAC	Level A	Level A
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Hospital & Heath Care	3.40	0.02	0.03	1%	\$0.010	\$0.012	HVAC	Level A	Level A
2	201	Chiller Tune-Up/Diagnostics	Hospital & Heath Care	3.38	0.02	0.05	1%	\$0.099	\$0.113	HVAC	Level E	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hospital & Heath Care	3.21	0.17	0.22	6%	\$0.073	\$0.084	HVAC	Level D	Level D
2	207	Installation of Energy Management Systems	Hospital & Heath Care	3.08	0.12	0.34	10%	\$0.046	\$0.053	HVAC	Level C	Level C
2	203	Roof/Ceiling Insulation	Hospital & Heath Care	3.07	0.01	0.35	10%	\$0.155	\$0.179	HVAC	Level F	Level F
2	209	Installation of Chiller Economizers (water side)	Hospital & Heath Care	2.92	0.15	0.51	15%	\$0.066	\$0.076	HVAC	Level D	Level D
2	210	Optimize Chilled Water and Condenser Water Settings	Hospital & Heath Care	2.85	0.07	0.58	17%	\$0.113	\$0.130	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Hospital & Heath Care	2.84	0.01	0.59	17%	\$0.168	\$0.194	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Hospital & Heath Care	2.83	0.01	0.60	17%	\$0.491	\$0.565	HVAC	Level F	Level F
2	205	EMS Optimization	Hospital & Heath Care	2.83	0.00	0.60	17%	N/A	\$-	HVAC	N/A	N/A
2	250	Base DX Packaged System, EER=10.3, 10 tons	Hospital & Heath Care	3.43	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	256	Duct Insulation	Hospital & Heath Care	3.42	0.01	0.01	0%	\$0.002	\$0.002	HVAC	Level A	Level A

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2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Hospital & Heath Care	3.36	0.06	0.06	2%	\$0.002	\$0.003	HVAC	Level A	Level A
2	261	Clock/Programmable Thermostat	Hospital & Heath Care	3.27	0.09	0.15	4%	\$0.026	\$0.030	HVAC	Level A	Level B
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hospital & Heath Care	3.11	0.16	0.32	9%	\$0.075	\$0.087	HVAC	Level D	Level E
2	262	Installation of Air Side Economizers	Hospital & Heath Care	3.01	0.10	0.42	12%	\$0.065	\$0.075	HVAC	Level D	Level D
2	203	Roof/Ceiling Insulation	Hospital & Heath Care	3.00	0.01	0.43	13%	\$0.159	\$0.183	HVAC	Level F	Level F
2	251	DX Tune-Up/Diagnostics	Hospital & Heath Care	2.92	0.08	0.51	15%	\$0.180	\$0.207	HVAC	Level F	Level F
2	257	Duct Repair and Sealing	Hospital & Heath Care	2.91	0.01	0.51	15%	\$0.188	\$0.216	HVAC	Level F	Level F
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Hospital & Heath Care	2.84	0.07	0.58	17%	\$0.255	\$0.293	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Hospital & Heath Care	2.83	0.01	0.59	17%	\$0.490	\$0.564	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	Hospital & Heath Care	2.55	0.28	0.88	26%	\$0.077	\$0.089	HVAC	Level D	Level E
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Hospital & Heath Care	2.04	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	402	VSD, ASD Fan & Pump Applications	Hospital & Heath Care	1.56	0.47	0.47	23%	\$0.031	\$0.036	HVAC	Level B	Level B
2	401	Energy Efficient Fan & Pump Motors	Hospital & Heath Care	1.56	0.00	0.48	23%	\$0.253	\$0.291	HVAC	Level F	Level F
2	610	Base Desktop PC	Hospital & Heath Care	0.14	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A

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2	611	ENERGY STAR or Better Office Equipment: Computer	Hospital & Heath Care	0.06	0.07	0.07	53%	\$0.318	\$0.366	Appliances	Level F	Level F
2	620	Base Display Monitor	Hospital & Heath Care	0.13	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	Hospital & Heath Care	0.13	0.00	0.00	3%	\$0.038	\$0.043	Appliances	Level B	Level B
2	621	ENERGY STAR or Better Office Equipment: Monitors	Hospital & Heath Care	0.06	0.07	0.07	53%	\$0.384	\$0.442	Appliances	Level F	Level F
2	630	Base Copier	Hospital & Heath Care	0.12	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	631	ENERGY STAR or Better Office Equipment: Copiers	Hospital & Heath Care	0.10	0.02	0.02	17%	\$0.207	\$0.238	Appliances	Level F	Level F
2	640	Base Laser Printer	Hospital & Heath Care	0.11	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	641	ENERGY STAR or Better Office Equipment: Printers	Hospital & Heath Care	0.05	0.06	0.06	53%	\$0.292	\$0.335	Appliances	Level F	Level F
2	700	Base Water Heating	Hospital & Heath Care	1.23	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
2	704	Hot Water (SHW) Pipe Insulation	Hospital & Heath Care	1.20	0.02	0.02	2%	\$0.016	\$0.018	Water Heat	Level A	Level A
2	701	Demand controlled circulating systems	Hospital & Heath Care	1.18	0.02	0.04	4%	\$0.058	\$0.066	Water Heat	Level C	Level D
2	702	Heat Pump Water Heater	Hospital & Heath Care	0.98	0.21	0.25	20%	\$1.155	\$1.329	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	Hospital & Heath Care	0.94	0.03	0.29	23%	\$1.173	\$1.349	Water Heat	Level F	Level F
2	800	Base Heating	Hospital & Heath Care	0.14	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	Hospital & Heath Care	0.12	0.02	0.02	12%	\$0.020	\$0.024	HVAC	Level A	Level A

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	802	Roof/Ceiling Insulation	Hospital & Heath Care	0.12	0.00	0.02	14%	\$0.091	\$0.104	HVAC	Level E	Level E
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hospital & Heath Care	0.11	0.00	0.02	16%	\$0.151	\$0.174	HVAC	Level F	Level F
2	810	Installation of Air Side Economizers	Hospital & Heath Care	0.11	0.00	0.03	19%	\$0.099	\$0.114	HVAC	Level E	Level F
2	190	Base NC Lighting	Hotel	0.86	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	Hotel	0.78	0.09	0.09	10%	\$0.034	\$0.039	Lighting	Level B	Level B
2	192	20 % More Efficient Design (Lighting)	Hotel	0.69	0.09	0.17	20%	\$0.050	\$0.057	Lighting	Level C	Level C
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Hotel	0.43	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	208	Insulation of Pipes	Hotel	0.43	0.00	0.00	0%	\$0.207	\$0.238	HVAC	Level F	Level F
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Hotel	0.41	0.02	0.02	5%	\$0.047	\$0.054	HVAC	Level C	Level C
2	201	Chiller Tune-Up/Diagnostics	Hotel	0.41	0.00	0.02	6%	\$0.652	\$0.750	HVAC	Level F	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hotel	0.39	0.02	0.05	10%	\$0.483	\$0.555	HVAC	Level F	Level F
2	207	Installation of Energy Management Systems	Hotel	0.38	0.01	0.05	12%	\$0.295	\$0.339	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Hotel	0.38	0.00	0.06	13%	\$0.473	\$0.544	HVAC	Level F	Level F
2	209	Installation of Chiller Economizers (water side)	Hotel	0.37	0.01	0.06	15%	\$0.383	\$0.440	HVAC	Level F	Level F
2	210	Optimize Chilled Water and Condenser Water Settings	Hotel	0.36	0.01	0.07	17%	\$0.714	\$0.821	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Hotel	0.36	0.00	0.07	17%	\$0.499	\$0.574	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Hotel	0.36	0.00	0.08	17%	\$1.190	\$1.369	HVAC	Level F	Level F
2	205	EMS Optimization	Hotel	0.36	0.00	0.08	17%	N/A	\$-	HVAC	N/A	N/A

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Sgmt	Measure Number	Measure	Building Type	Total GWH	GWH Savings	Total Energy Savings GWH	Percent GWH Savings	Marginal Energy Cost \$/kWH Technical Potential	Marginal Energy Cost \$/kWH Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	250	Base DX Packaged System, EER=10.3, 10 tons	Hotel	0.43	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	256	Duct Insulation	Hotel	0.43	0.00	0.00	0%	\$0.025	\$0.029	HVAC	Level A	Level A
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Hotel	0.42	0.01	0.01	3%	\$0.066	\$0.076	HVAC	Level D	Level D
2	261	Clock/Programmable Thermostat	Hotel	0.41	0.01	0.03	6%	\$0.170	\$0.195	HVAC	Level F	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hotel	0.39	0.02	0.05	11%	\$0.484	\$0.556	HVAC	Level F	Level F
2	262	Installation of Air Side Economizers	Hotel	0.37	0.01	0.06	14%	\$0.395	\$0.455	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Hotel	0.37	0.00	0.06	14%	\$0.481	\$0.553	HVAC	Level F	Level F
2	257	Duct Repair and Sealing	Hotel	0.37	0.00	0.06	14%	\$1.114	\$1.281	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Hotel	0.37	0.00	0.06	14%	\$1.149	\$1.321	HVAC	Level F	Level F
2	251	DX Tune-Up/Diagnostics	Hotel	0.36	0.01	0.07	17%	\$1.164	\$1.338	HVAC	Level F	Level F
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Hotel	0.35	0.01	0.08	19%	\$1.642	\$1.888	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	Hotel	0.32	0.04	0.12	27%	\$0.496	\$0.570	HVAC	Level F	Level F
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Hotel	0.15	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	402	VSD, ASD Fan & Pump Applications	Hotel	0.14	0.00	0.00	2%	\$0.101	\$0.117	HVAC	Level E	Level F
2	401	Energy Efficient Fan & Pump Motors	Hotel	0.14	0.00	0.00	3%	\$0.616	\$0.708	HVAC	Level F	Level F
2	610	Base Desktop PC	Hotel	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	611	ENERGY STAR or Better Office Equipment: Computer	Hotel	0.00	0.00	0.00	53%	\$0.200	\$0.230	Appliances	Level F	Level F
2	620	Base Display Monitor	Hotel	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	Hotel	0.01	0.00	0.00	3%	\$0.024	\$0.027	Appliances	Level A	Level A
2	621	ENERGY STAR or Better Office Equipment: Monitors	Hotel	0.00	0.00	0.00	53%	\$0.242	\$0.279	Appliances	Level F	Level F
2	630	Base Copier	Hotel	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A

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2	631	ENERGY STAR or Better Office Equipment: Copiers	Hotel	0.01	0.00	0.00	31%	\$0.035	\$0.041	Appliances	Level B	Level B
2	640	Base Laser Printer	Hotel	0.00	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	641	ENERGY STAR or Better Office Equipment: Printers	Hotel	0.00	0.00	0.00	53%	\$0.243	\$0.279	Appliances	Level F	Level F
2	700	Base Water Heating	Hotel	0.59	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
2	701	Demand controlled circulating systems	Hotel	0.58	0.01	0.01	2%	\$0.035	\$0.040	Water Heat	Level B	Level B
2	704	Hot Water (SHW) Pipe Insulation	Hotel	0.56	0.01	0.02	4%	\$0.043	\$0.049	Water Heat	Level B	Level C
2	702	Heat Pump Water Heater	Hotel	0.47	0.09	0.11	19%	\$0.732	\$0.842	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	Hotel	0.46	0.02	0.13	22%	\$0.731	\$0.841	Water Heat	Level F	Level F
2	800	Base Heating	Hotel	0.49	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	Hotel	0.44	0.05	0.05	11%	\$0.019	\$0.022	HVAC	Level A	Level A
2	802	Roof/Ceiling Insulation	Hotel	0.43	0.01	0.07	14%	\$0.043	\$0.049	HVAC	Level B	Level C
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Hotel	0.42	0.01	0.08	16%	\$0.142	\$0.163	HVAC	Level F	Level F
2	810	Installation of Air Side Economizers	Hotel	0.39	0.03	0.11	22%	\$0.101	\$0.117	HVAC	Level E	Level F
2	190	Base NC Lighting	Misc.	1.61	0.00	0.00	0%	N/A	\$-	Lighting	N/A	N/A
2	191	10 % More Efficient Design (Lighting)	Misc.	1.45	0.16	0.16	10%	\$0.048	\$0.055	Lighting	Level C	Level C
2	192	20 % More Efficient Design (Lighting)	Misc.	1.29	0.16	0.32	20%	\$0.071	\$0.082	Lighting	Level D	Level D
2	200	Base Centrifugal Chiller, 0.65 kW/ton, 300 tons	Misc.	1.30	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	208	Insulation of Pipes	Misc.	1.30	0.00	0.00	0%	\$0.033	\$0.038	HVAC	Level B	Level B
2	206	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Misc.	1.28	0.02	0.02	2%	\$0.024	\$0.027	HVAC	Level A	Level A
2	201	Chiller Tune-Up/Diagnostics	Misc.	1.27	0.01	0.03	2%	\$0.156	\$0.179	HVAC	Level F	Level F
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Misc.	1.21	0.06	0.09	7%	\$0.116	\$0.133	HVAC	Level F	Level F

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2	207	Installation of Energy Management Systems	Misc.	1.15	0.06	0.15	12%	\$0.075	\$0.087	HVAC	Level D	Level E
2	203	Roof/Ceiling Insulation	Misc.	1.14	0.01	0.16	12%	\$0.581	\$0.669	HVAC	Level F	Level F
2	209	Installation of Chiller Economizers (water side)	Misc.	1.10	0.04	0.21	16%	\$0.233	\$0.268	HVAC	Level F	Level F
2	210	Optimize Chilled Water and Condenser Water Settings	Misc.	1.07	0.03	0.23	18%	\$0.180	\$0.207	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Misc.	1.06	0.01	0.24	18%	\$0.625	\$0.719	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Misc.	0.99	0.07	0.31	24%	\$0.259	\$0.298	HVAC	Level F	Level F
2	205	EMS Optimization	Misc.	0.99	0.00	0.31	24%	N/A	\$-	HVAC	N/A	N/A
2	250	Base DX Packaged System, EER=10.3, 10 tons	Misc.	1.30	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	256	Duct Insulation	Misc.	1.30	0.00	0.00	0%	\$0.015	\$0.017	HVAC	Level A	Level A
2	253	High Efficiency Windows (Low-E Glass or Multiple Glazed)	Misc.	1.27	0.03	0.03	2%	\$0.012	\$0.013	HVAC	Level A	Level A
2	261	Clock/Programmable Thermostat	Misc.	1.25	0.03	0.05	4%	\$0.031	\$0.035	HVAC	Level B	Level B
2	202	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Misc.	1.18	0.06	0.12	9%	\$0.118	\$0.136	HVAC	Level F	Level F
2	252	High-Efficiency Packaged A/C System	Misc.	1.07	0.12	0.24	18%	\$0.110	\$0.127	HVAC	Level F	Level F
2	204	Cool Roofs (Reflective and Spray Evaporative)	Misc.	1.00	0.07	0.30	23%	\$0.258	\$0.297	HVAC	Level F	Level F
2	251	DX Tune-Up/Diagnostics	Misc.	0.97	0.03	0.33	25%	\$0.323	\$0.371	HVAC	Level F	Level F
2	254	Installation of Direct or Indirect Evaporative Cooling, Evaporative Pre-Cooling, and Absorption Cooling	Misc.	0.95	0.02	0.35	27%	\$0.456	\$0.524	HVAC	Level F	Level F
2	203	Roof/Ceiling Insulation	Misc.	0.94	0.01	0.36	28%	\$0.704	\$0.810	HVAC	Level F	Level F
2	257	Duct Repair and Sealing	Misc.	0.94	0.00	0.36	28%	\$0.780	\$0.897	HVAC	Level F	Level F
2	400	Base Fan Motor, 5hp, 1800rpm, 87.5%	Misc.	0.18	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A

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2	402	VSD, ASD Fan & Pump Applications	Misc.	0.16	0.02	0.02	9%	\$0.096	\$0.111	HVAC	Level E	Level F
2	401	Energy Efficient Fan & Pump Motors	Misc.	0.16	0.00	0.02	10%	\$0.664	\$0.764	HVAC	Level F	Level F
2	610	Base Desktop PC	Misc.	0.02	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	611	ENERGY STAR or Better Office Equipment: Computer	Misc.	0.01	0.01	0.01	52%	\$2.346	\$2.697	Appliances	Level F	Level F
2	620	Base Display Monitor	Misc.	0.02	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	623	Smart Networks	Misc.	0.02	0.00	0.00	3%	\$0.277	\$0.319	Appliances	Level F	Level F
2	621	ENERGY STAR or Better Office Equipment: Monitors	Misc.	0.01	0.01	0.01	53%	\$2.774	\$3.190	Appliances	Level F	Level F
2	630	Base Copier	Misc.	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	631	ENERGY STAR or Better Office Equipment: Copiers	Misc.	0.00	0.00	0.00	61%	\$1.209	\$1.390	Appliances	Level F	Level F
2	640	Base Laser Printer	Misc.	0.01	0.00	0.00	0%	N/A	\$-	Appliances	N/A	N/A
2	641	ENERGY STAR or Better Office Equipment: Printers	Misc.	0.01	0.01	0.01	51%	\$2.488	\$2.861	Appliances	Level F	Level F
2	700	Base Water Heating	Misc.	0.21	0.00	0.00	0%	N/A	\$-	Water Heat	N/A	N/A
2	704	Hot Water (SHW) Pipe Insulation	Misc.	0.21	0.01	0.01	3%	\$0.009	\$0.010	Water Heat	Level A	Level A
2	701	Demand controlled circulating systems	Misc.	0.20	0.01	0.01	5%	\$0.042	\$0.048	Water Heat	Level B	Level C
2	702	Heat Pump Water Heater	Misc.	0.16	0.05	0.06	26%	\$0.558	\$0.642	Water Heat	Level F	Level F
2	703	High-Efficiency Water Heater (electric)	Misc.	0.15	0.01	0.06	29%	\$0.603	\$0.694	Water Heat	Level F	Level F
2	800	Base Heating	Misc.	0.49	0.00	0.00	0%	N/A	\$-	HVAC	N/A	N/A
2	805	Clock/Programmable Thermostat	Misc.	0.45	0.04	0.04	7%	\$0.020	\$0.024	HVAC	Level A	Level A
2	802	Roof/Ceiling Insulation	Misc.	0.45	0.00	0.04	8%	\$0.086	\$0.099	HVAC	Level E	Level E
2	812	Installation of Automated Building Ventilation Control (Via Occupancy Sensors, CO2 Sensors, Etc.)	Misc.	0.44	0.01	0.05	10%	\$0.141	\$0.162	HVAC	Level F	Level F
2	810	Installation of Air Side Economizers	Misc.	0.41	0.02	0.07	15%	\$0.096	\$0.111	HVAC	Level E	Level F