

Appendix C: Economic Analysis Output

CL&P Residential Existing Construction

Measure	Building Type	Total GWH	Total MW	GWH Savings	MW Savings	Total Resource Cost Test TRC	Base GWH	Base MW	Economic GWH	Economic MW
Base, 11 SEER Split-System Air Conditioner	Single Family	612.98	505.62	0.00	0.00	N/A	612.98	505.62	0.00	0.00
15 SEER Split-System Air Conditioner	Single Family	533.23	439.83	79.75	65.78	1.37			79.75	65.78
Duct Repair (0.32)	Single Family	491.49	405.40	41.74	34.43	6.04			41.74	34.43
Proper Refrigerant Charging and Air Flow	Single Family	458.47	378.16	33.02	27.24	4.40			33.02	27.24
Ceiling R-0 to R-19 Insulation(.29)	Single Family	449.06	371.13	9.40	7.03	4.02			9.40	7.03
Programmable Thermostat	Single Family	443.17	366.79	5.90	4.35	2.50			5.90	4.35
Attic Venting	Single Family	425.03	355.71	18.14	11.08	1.55			18.14	11.08
Wall 2x4 R-0 to Blow-In R-13 Insulation (0.14)	Single Family	418.79	350.35	6.24	5.36	1.03			6.24	5.36
2008 Energy Star Windows to Energy Star Phase-2 Windows	Single Family	345.22	291.93	73.57	58.41	1.35			73.57	58.41
Ceiling Fans	Single Family	341.79	289.84	3.43	2.09	0.61			0.00	0.00
17 SEER Split-System Air Conditioner	Single Family	262.09	224.10	79.71	65.75	0.67			0.00	0.00
Ceiling R-19 to R-38 Insulation (.27)	Single Family	258.75	221.63	3.34	2.47	0.35			0.00	0.00
Whole House Fans	Single Family	249.08	215.72	9.67	5.91	0.21			0.00	0.00
Cooling Avoidance	Single Family	238.74	207.20	10.33	8.52	0.05			0.00	0.00
Base Early Replacement 11 SEER Split-System AC	Single Family	108.27	89.31	0.00	0.00	N/A	108.27	89.31	0.00	0.00
15 SEER Split-System AC Early Replacement	Single Family	92.52	76.32	15.75	12.99	1.55			15.75	12.99
Base Room Air Conditioner - EER 8.5	Single Family	176.18	145.32	0.00	0.00	N/A	176.18	145.32	0.00	0.00
HE Room Air Conditioner - Energy star EER 10.8	Single Family	161.30	133.05	14.88	12.28	3.19			14.88	12.28
HE Room Air Conditioner - CEE Tier 1 EER 11.3	Single Family	140.78	116.12	20.52	16.92	2.36			20.52	16.92
Ceiling R-0 to R-19 Insulation (.29)	Single Family	134.49	111.42	6.29	4.70	2.05			6.29	4.70
Wall 2x4 R-0 to Blow-In R-13 Insulation (0.14)	Single Family	123.69	102.15	10.80	9.28	1.36			10.80	9.28
Programmable Thermostat	Single Family	122.07	100.95	1.62	1.20	0.53			0.00	0.00
Ceiling R-19 to R-38 Insulation (.27)	Single Family	116.67	96.97	5.39	3.98	0.43			0.00	0.00
Attic Venting	Single Family	111.90	94.05	4.77	2.92	0.31			0.00	0.00
2008 Energy Star Windows to Energy Star Phase-2 Windows	Single Family	92.24	78.44	19.66	15.61	0.27			0.00	0.00
Ceiling Fans	Single Family	91.33	77.88	0.92	0.56	0.12			0.00	0.00
Whole House Fans	Single Family	87.91	75.80	3.41	2.09	0.04			0.00	0.00
Cooling Avoidance	Single Family	84.27	72.79	3.65	3.01	0.01			0.00	0.00
Base Dehumidifier (35-45 pints/day; EF = 1.36)	Single Family	402.22	331.77	0.00	0.00	N/A	402.22	331.77	0.00	0.00
Energy Star Dehumidifier ROB (35-45 pints/day; EF = 1.50)	Single Family	382.60	315.59	19.62	16.18	24.30			19.62	16.18
Base Early Replacement Room Air Conditioner- EER 8.5	Single Family	31.07	25.63	0.00	0.00	N/A	31.07	25.63	0.00	0.00
EER 8.5 AC Early Replacement	Single Family	26.68	22.00	4.39	3.62	2.24			4.39	3.62
Base Furnace Fan	Single Family	185.70	0.00	0.00	0.00	N/A	185.70	0.00	0.00	0.00
Variable Speed Furnace Fan	Single Family	122.02	0.00	63.68	0.00	2.50			63.68	0.00
Base Resistance Space Heating	Single Family	592.07	0.00	0.00	0.00	N/A	592.07	0.00	0.00	0.00
Ceiling R-0 to R-38 Insulation	Single Family	568.28	0.00	23.79	0.00	6.64			23.79	0.00
Programmable Thermostat	Single Family	548.09	0.00	20.19	0.00	2.78			20.19	0.00
Infiltration Reduction (0.4)	Single Family	519.66	0.00	28.43	0.00	1.61			28.43	0.00
Ceiling R-11 to R-38 Insulation	Single Family	475.60	0.00	44.07	0.00	1.47			44.07	0.00
Wall Blow-in R-0 to R-13 Insulation	Single Family	454.00	0.00	21.60	0.00	0.82			0.00	0.00
Ceiling R-19 to R-38 Insulation	Single Family	429.41	0.00	24.59	0.00	0.61			0.00	0.00
Floor R-0 to R-19 Insulation	Single Family	417.04	0.00	12.37	0.00	0.36			0.00	0.00
2008 Energy Star Windows to Energy Star Phase-2 Windows	Single Family	404.53	0.00	12.51	0.00	0.30			0.00	0.00
Base Lighting (65-Watt incandescent), 2.5 hr/day	Single Family	1,133.53	104.93	0.00	0.00	N/A	1,133.53	104.93	0.00	0.00
CFL (18-Watt integral ballast), 3.0 hr/day	Single Family	519.23	48.06	614.30	56.86	17.55			614.30	56.86
Base Incandescent Downlight (65W BR30)	Single Family	219.65	20.33	0.00	0.00	N/A	219.65	20.33	0.00	0.00
Downlights - LED Replacement	Single Family	166.57	15.42	53.08	4.91	2.20			53.08	4.91
CFL Downlight	Single Family	82.81	7.67	83.75	7.75	4.35			83.75	7.75
Base Fluorescent Fixture, 2L4T12, 40W, 1EEMAG	Single Family	127.79	11.83	0.00	0.00	N/A	127.79	11.83	0.00	0.00
ROB 2L4T8, 1EB	Single Family	93.31	8.64	34.47	3.19	9.14			34.47	3.19
RET 2L4T8, 1EB	Single Family	68.14	6.31	25.17	2.33	2.67			25.17	2.33
Base Refrigerator (18 cf w/top-mount freezer, no through-door ice)	Single Family	354.81	53.39	0.00	0.00	N/A	354.81	53.39	0.00	0.00
HE Refrigerator - Energy Star version of above (Top Mount)	Single Family	298.79	44.96	56.02	8.43	2.89			56.02	8.43
HE Refrigerator - CEE tier 2 (Top Mount)	Single Family	239.03	35.97	59.76	8.99	1.36			59.76	8.99
Base Early 18 cf Top Mount Replacement Refrigerator, no through door ice	Single Family	118.27	17.80	0.00	0.00	N/A	118.27	17.80	0.00	0.00
Refrigerator - Early Replacement Top Mount to 2008 Energy Star	Single Family	85.39	12.85	32.88	4.95	2.08			32.88	4.95
Base Refrigerator (21 cf w/ side by side freezer, no through-door ice)	Single Family	185.90	27.97	0.00	0.00	N/A	185.90	27.97	0.00	0.00
HE Refrigerator - Energy Star version of above (side by side freezer)	Single Family	156.55	23.56	29.35	4.42	3.53			29.35	4.42
HE Refrigerator - CEE Tier 2 (side by side freezer)	Single Family	125.24	18.85	31.31	4.71	1.66			31.31	4.71
Base Early Replacement 21 cf w/ side by side freezer	Single Family	61.97	9.32	0.00	0.00	N/A	61.97	9.32	0.00	0.00
Refrigerator - Early Replacement w/ side by side freezer to 2008 Energy Star	Single Family	51.62	7.77	10.35	1.56	0.92			0.00	0.00
Base Freezer	Single Family	142.27	21.41	0.00	0.00	N/A	142.27	21.41	0.00	0.00
HE Freezer	Single Family	110.39	16.61	31.88	4.80	4.08			31.88	4.80
Base 40 gal. Water Heating (EF=0.88)	Single Family	844.00	87.64	0.00	0.00	N/A	844.00	87.64	0.00	0.00
Water Heater Blanket	Single Family	807.46	83.85	36.54	3.79	10.14			36.54	3.79
Pipe Wrap	Single Family	797.71	82.83	9.74	1.01	4.21			9.74	1.01
Low Flow Showerhead	Single Family	769.25	79.88	28.46	2.96	3.64			28.46	2.96
HE Water Heater (EF=0.93)	Single Family	729.85	75.79	39.40	4.09	0.66			0.00	0.00
Faucet Aerators	Single Family	715.94	74.34	13.91	1.44	2.12			13.91	1.44
Heat Pump Water Heater (EF=2.5)	Single Family	501.52	52.08	214.43	22.27	1.33			214.43	22.27
Base Clotheswasher (MEF=1.26)	Single Family	182.13	21.87	0.00	0.00	N/A	182.13	21.87	0.00	0.00

CL&P Residential New Construction

Measure	Building Type	Total GWH	Total MW	GWH Savings	MW Savings	Total Resource		Economic GWH	Economic MW	
						Cost TRC	Base			
Base Cooling	Single Family	9.81	8.09	0.00	0.00	N/A	9.81	8.09	0.00	0.00
15% above Standards (Base Cooling)	Single Family	8.34	6.88	1.47	1.21	0.92			0.00	0.00
20% above Standards (Base Cooling)	Single Family	6.67	5.50	1.67	1.38	0.69			0.00	0.00
Base, 13 SEER Split-System Air Conditioner	Single Family	9.81	8.09	0.00	0.00	N/A	9.81	8.09	0.00	0.00
15 SEER Split-System Air Conditioner	Single Family	8.62	7.11	1.19	0.98	1.12			1.19	0.98
Duct Repair (0.32)	Single Family	8.05	6.64	0.57	0.47	4.95			0.57	0.47
Proper Refrigerant Charging and Air Flow	Single Family	7.08	5.84	0.97	0.80	3.27			0.97	0.80
Attic Venting	Single Family	6.76	5.64	0.33	0.20	1.20			0.33	0.20
Double Pane to Low-E Windows	Single Family	6.25	5.24	0.51	0.40	3.74			0.51	0.40
2008 Energy Star to Phase 2 Energy Star Windows	Single Family	5.60	4.73	0.64	0.51	1.05			0.64	0.51
17 SEER Split-System Air Conditioner	Single Family	4.34	3.68	1.27	1.04	0.57			0.00	0.00
Ceiling Fans	Single Family	4.26	3.64	0.08	0.05	0.37			0.00	0.00
Ceiling R-30 to R-38	Single Family	4.25	3.63	0.01	0.00	0.17			0.00	0.00
Whole House Fans	Single Family	4.00	3.48	0.26	0.16	0.17			0.00	0.00
Ceiling R-30 to R-49	Single Family	3.98	3.46	0.02	0.01	0.08			0.00	0.00
Wall R-19 to R-21	Single Family	3.97	3.45	0.01	0.01	0.07			0.00	0.00
Cooling Avoidance	Single Family	3.76	3.28	0.21	0.17	0.04			0.00	0.00
Base Room Air Conditioner - EER 9.8 Fed Standard	Single Family	0.27	0.22	0.00	0.00	N/A	0.27	0.22	0.00	0.00
CEE Tier 1 - HE Room Air Conditioner - EER 11.3	Single Family	0.24	0.19	0.03	0.03	2.23			0.03	0.03
Double Pane to Low-E Windows	Single Family	0.22	0.18	0.02	0.01	1.17			0.02	0.01
Attic Venting	Single Family	0.21	0.17	0.01	0.01	0.33			0.00	0.00
2008 Energy Star to Phase 2 Energy Star Windows	Single Family	0.19	0.16	0.02	0.02	0.31			0.00	0.00
Ceiling Fans	Single Family	0.18	0.15	0.00	0.00	0.14			0.00	0.00
Whole House Fans	Single Family	0.17	0.15	0.01	0.01	0.05			0.00	0.00
Wall R-19 to R-21	Single Family	0.17	0.15	0.00	0.00	0.03			0.00	0.00
Cooling Avoidance	Single Family	0.16	0.14	0.01	0.01	0.01			0.00	0.00
Ceiling R-30 to R-49	Single Family	0.16	0.14	0.00	0.00	0.01			0.00	0.00
Ceiling R-30 to R-38	Single Family	0.16	0.14	0.00	0.00	0.01			0.00	0.00
Base Energy Star Dehumidifier (35-45 pints/day; EF = 1.5)	Single Family	3.10	2.56	0.00	0.00	N/A	3.10	2.56	0.00	0.00
10% better than Energy Star Dehumidifier ROB (35-45 pints/day)	Single Family	2.94	2.42	0.16	0.13	23.77			0.16	0.13
Base Furnace Fan	Single Family	1.58	0.00	0.00	0.00	N/A	1.58	0.00	0.00	0.00
Variable Speed Furnace Fan	Single Family	1.04	0.00	0.54	0.00	2.50			0.54	0.00
Base Lighting (60-Watt incandescent), 2.5 hr/day	Single Family	12.30	1.14	0.00	0.00	N/A	12.30	1.14	0.00	0.00
CFL (18-Watt integral ballast), 2.5 hr/day	Single Family	4.80	0.44	7.50	0.69	17.91			7.50	0.69
Base Incandescent Downlight (65W BR30)	Single Family	1.63	0.15	0.00	0.00	N/A	1.63	0.15	0.00	0.00
Downlights - LED Replacement	Single Family	1.23	0.11	0.40	0.04	1.17			0.40	0.04
CFL Downlight	Single Family	0.61	0.06	0.62	0.06	2.31			0.62	0.06
Base Fluorescent Fixture, 2L4T12, 40W, 1EEMAG	Single Family	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
ROB 2L4T8, 1EB	Single Family	0.00	0.00	0.00	0.00	N/A			0.00	0.00
RET 2L4T8, 1EB	Single Family	0.00	0.00	0.00	0.00	N/A			0.00	0.00
2004 Energy Star Base Refrigerator (18 cf w/top-mount freezer, no through-door ice)	Single Family	2.56	0.39	0.00	0.00	N/A	2.56	0.39	0.00	0.00
HE Refrigerator - 2008 Energy Star version of above (Top Mount)	Single Family	2.42	0.36	0.14	0.02	0.53			0.00	0.00
HE Refrigerator - CEE tier 2 (Top Mount)	Single Family	2.16	0.33	0.26	0.04	0.44			0.00	0.00
Base Refrigerator (18 cf w/ side by side freezer, no through-door ice)	Single Family	1.34	0.20	0.00	0.00	N/A	1.34	0.20	0.00	0.00
HE Refrigerator - 2008 Energy Star version of above (side by side freezer)	Single Family	1.27	0.19	0.07	0.01	0.64			0.00	0.00
HE Refrigerator - CEE Tier 2 (side by side freezer)	Single Family	1.13	0.17	0.14	0.02	0.53			0.00	0.00
Energy Star Base Freezer	Single Family	0.92	0.14	0.00	0.00	N/A	0.92	0.14	0.00	0.00
20% better than Federal Standards Freezer	Single Family	0.83	0.13	0.09	0.01	0.88			0.00	0.00
Base 40 gal. Water Heating (EF=0.88)	Single Family	2.57	0.27	0.00	0.00	N/A	2.57	0.27	0.00	0.00
Water Heater Blanket	Single Family	2.55	0.26	0.01	0.00	10.87			0.01	0.00
Pipe Wrap	Single Family	2.52	0.26	0.03	0.00	4.39			0.03	0.00
Low Flow Showerhead	Single Family	2.51	0.26	0.01	0.00	3.95			0.01	0.00
HE Water Heater (EF=0.93)	Single Family	2.38	0.25	0.13	0.01	0.71			0.00	0.00
Faucet Aerators	Single Family	2.38	0.25	0.00	0.00	2.32			0.00	0.00
Heat Pump Water Heater (EF=2.9)	Single Family	0.96	0.10	1.42	0.15	1.46			1.42	0.15
Energy Star Base Clotheswasher (MEF=1.72)	Single Family	0.37	0.04	0.00	0.00	N/A	0.37	0.04	0.00	0.00
Tier 3 Clotheswasher (MEF=2.20)	Single Family	0.28	0.03	0.09	0.01	0.74			0.00	0.00
Base Clothes Dryer (EF=3.01)	Single Family	6.99	0.94	0.00	0.00	N/A	6.99	0.94	0.00	0.00
High Efficiency CD (EF=3.01 w/moisture sensor)	Single Family	6.03	0.81	0.96	0.13	0.99			0.00	0.00
Heat Pump Dryer (.33kwh)	Single Family	5.86	0.79	0.17	0.02	0.49			0.00	0.00
Base Energy Star Dishwasher (EF=0.65)	Single Family	0.22	0.02	0.00	0.00	N/A	0.22	0.02	0.00	0.00
CEE Tier 2 DW (EF=0.68)	Single Family	0.22	0.02	0.01	0.00	0.43			0.00	0.00
Base Two Speed Pool Pump (1.5 hp)	Single Family	0.76	0.26	0.00	0.00	N/A	0.76	0.26	0.00	0.00
Variable Speed Pool Pump (1.5 hp)	Single Family	0.51	0.18	0.25	0.09	1.09			0.25	0.09
Base Misc	Single Family	16.88	4.22	0.00	0.00	N/A	16.88	4.22	0.00	0.00
Energy Star Computer	Single Family	16.66	4.16	0.22	0.06	11.78			0.22	0.06
Energy Star TV	Single Family	16.31	4.08	0.35	0.09	9.74			0.35	0.09
Base Cooling	Multi-family	1.59	1.31	0.00	0.00	N/A	1.59	1.31	0.00	0.00
15% above Standards (Base Cooling)	Multi-family	1.35	1.11	0.24	0.20	0.83			0.00	0.00
20% above Standards (Base Cooling)	Multi-family	1.08	0.89	0.27	0.22	0.63			0.00	0.00
Base, 13 SEER Split-System Air Conditioner	Multi-family	1.59	1.31	0.00	0.00	N/A	1.59	1.31	0.00	0.00

UI Residential Existing Construction

Measure	Building Type	Total GWH	Total MW	GWH Savings	MW Savings	Total Resource		Economic GWH	Economic MW	
						Cost Test TRC	Base GWH			
Base, 11 SEER Split-System Air Conditioner	Single Family	143.36	118.25	0.00	0.00	N/A	143.36	118.25	0.00	0.00
15 SEER Split-System Air Conditioner	Single Family	124.71	102.86	18.65	15.38	1.37			18.65	15.38
Duct Repair (0.32)	Single Family	114.94	94.81	9.76	8.05	6.04			9.76	8.05
Proper Refrigerant Charging and Air Flow	Single Family	107.22	88.44	7.72	6.37	4.40			7.72	6.37
Ceiling R-0 to R-19 Insulation(.29)	Single Family	105.02	86.80	2.20	1.64	4.02			2.20	1.64
Programmable Thermostat	Single Family	103.64	85.78	1.38	1.02	2.50			1.38	1.02
Attic Venting	Single Family	99.40	83.19	4.24	2.59	1.55			4.24	2.59
Wall 2x4 R-0 to Blow-In R-13 Insulation (0.14)	Single Family	97.94	81.94	1.46	1.25	1.03			1.46	1.25
2008 Energy Star Windows to Energy Star Phase-2 Windows	Single Family	80.74	68.27	17.21	13.66	1.35			17.21	13.66
Ceiling Fans	Single Family	79.93	67.78	0.80	0.49	0.61			0.00	0.00
17 SEER Split-System Air Conditioner	Single Family	61.29	52.41	18.64	15.38	0.67			0.00	0.00
Ceiling R-19 to R-38 Insulation (.27)	Single Family	60.51	51.83	0.78	0.58	0.35			0.00	0.00
Whole House Fans	Single Family	58.25	50.45	2.26	1.38	0.21			0.00	0.00
Cooling Avoidance	Single Family	55.83	48.46	2.42	1.99	0.05			0.00	0.00
Base Early Replacement 11 SEER Split-System AC	Single Family	25.32	20.89	0.00	0.00	N/A	25.32	20.89	0.00	0.00
15 SEER Split-System AC Early Replacement	Single Family	21.64	17.85	3.68	3.04	1.55			3.68	3.04
Base Room Air Conditioner - EER 8.5	Single Family	41.20	33.99	0.00	0.00	N/A	41.20	33.99	0.00	0.00
HE Room Air Conditioner - Energy star EER 10.8	Single Family	37.72	31.12	3.48	2.87	3.19			3.48	2.87
HE Room Air Conditioner - CEE Tier 1 EER 11.3	Single Family	32.92	27.16	4.80	3.96	2.36			4.80	3.96
Ceiling R-0 to R-19 Insulation (.29)	Single Family	31.45	26.06	1.47	1.10	2.05			1.47	1.10
Wall 2x4 R-0 to Blow-In R-13 Insulation (0.14)	Single Family	28.93	23.89	2.53	2.17	1.36			2.53	2.17
Programmable Thermostat	Single Family	28.55	23.61	0.38	0.28	0.53			0.00	0.00
Ceiling R-19 to R-38 Insulation (.27)	Single Family	27.29	22.68	1.26	0.93	0.43			0.00	0.00
Attic Venting	Single Family	26.17	21.99	1.12	0.68	0.31			0.00	0.00
2008 Energy Star Windows to Energy Star Phase-2 Windows	Single Family	21.57	18.34	4.60	3.65	0.27			0.00	0.00
Ceiling Fans	Single Family	21.36	18.21	0.21	0.13	0.12			0.00	0.00
Whole House Fans	Single Family	20.56	17.73	0.80	0.49	0.04			0.00	0.00
Cooling Avoidance	Single Family	19.71	17.02	0.85	0.70	0.01			0.00	0.00
Base Dehumidifier (35-45 pints/day; EF = 1.36)	Single Family	94.07	77.59	0.00	0.00	N/A	94.07	77.59	0.00	0.00
Energy Star Dehumidifier ROB (35-45 pints/day; EF = 1.50)	Single Family	89.48	73.81	4.59	3.78	24.30			4.59	3.78
Base Early Replacement Room Air Conditioner- EER 8.5	Single Family	7.27	5.99	0.00	0.00	N/A	7.27	5.99	0.00	0.00
EER 8.5 AC Early Replacement	Single Family	6.24	5.15	1.03	0.85	2.24			1.03	0.85
Base Furnace Fan	Single Family	43.43	0.00	0.00	0.00	N/A	43.43	0.00	0.00	0.00
Variable Speed Furnace Fan	Single Family	28.54	0.00	14.89	0.00	2.50			14.89	0.00
Base Resistance Space Heating	Single Family	138.47	0.00	0.00	0.00	N/A	138.47	0.00	0.00	0.00
Ceiling R-0 to R-38 Insulation	Single Family	132.90	0.00	5.56	0.00	6.39			5.56	0.00
Programmable Thermostat	Single Family	128.18	0.00	4.72	0.00	2.68			4.72	0.00
Infiltration Reduction (0.4)	Single Family	121.53	0.00	6.65	0.00	1.55			6.65	0.00
Ceiling R-11 to R-38 Insulation	Single Family	111.23	0.00	10.31	0.00	1.41			10.31	0.00
Wall Blow-in R-0 to R-13 Insulation	Single Family	106.18	0.00	5.05	0.00	0.79			0.00	0.00
Ceiling R-19 to R-38 Insulation	Single Family	100.42	0.00	5.75	0.00	0.59			0.00	0.00
Floor R-0 to R-19 Insulation	Single Family	97.53	0.00	2.89	0.00	0.35			0.00	0.00
2008 Energy Star Windows to Energy Star Phase-2 Windows	Single Family	94.61	0.00	2.93	0.00	0.28			0.00	0.00
Base Lighting (65-Watt incandescent), 2.5 hr/day	Single Family	265.10	24.54	0.00	0.00	N/A	265.10	24.54	0.00	0.00
CFL (18-Watt integral ballast), 3.0 hr/day	Single Family	121.43	11.24	143.67	13.30	17.55			143.67	13.30
Base Incandescent Downlight (65W BR30)	Single Family	51.37	4.75	0.00	0.00	N/A	51.37	4.75	0.00	0.00
Downlights - LED Replacement	Single Family	38.95	3.61	12.41	1.15	2.20			12.41	1.15
CFL Downlight	Single Family	19.37	1.79	19.59	1.81	4.35			19.59	1.81
Base Fluorescent Fixture, 2L4T12, 40W, 1EEMAG	Single Family	29.89	2.77	0.00	0.00	N/A	29.89	2.77	0.00	0.00
ROB 2L4T8, 1EB	Single Family	21.82	2.02	8.06	0.75	9.14			8.06	0.75
RET 2L4T8, 1EB	Single Family	15.94	1.48	5.89	0.54	2.67			5.89	0.54
Base Refrigerator (18 cf w/top-mount freezer, no through-door ice)	Single Family	82.98	12.49	0.00	0.00	N/A	82.98	12.49	0.00	0.00
HE Refrigerator - Energy Star version of above (Top Mount)	Single Family	69.88	10.52	13.10	1.97	2.89			13.10	1.97
HE Refrigerator - CEE tier 2 (Top Mount)	Single Family	55.90	8.41	13.98	2.10	1.36			13.98	2.10
Base Early 18 cf Top Mount Replacement Refrigerator, no through door ice	Single Family	27.66	4.16	0.00	0.00	N/A	27.66	4.16	0.00	0.00
Refrigerator - Early Replacement Top Mount to 2008 Energy Star	Single Family	19.97	3.01	7.69	1.16	2.08			7.69	1.16
Base Refrigerator (21 cf w/ side by side freezer, no through-door ice)	Single Family	43.48	6.54	0.00	0.00	N/A	43.48	6.54	0.00	0.00
HE Refrigerator - Energy Star version of above (side by side freezer)	Single Family	36.61	5.51	6.86	1.03	3.53			6.86	1.03
HE Refrigerator - CEE Tier 2 (side by side freezer)	Single Family	29.29	4.41	7.32	1.10	1.66			7.32	1.10
Base Early Replacement 21 cf w/ side by side freezer	Single Family	14.49	2.18	0.00	0.00	N/A	14.49	2.18	0.00	0.00
Refrigerator - Early Replacement w/ side by side freezer to 2008 Energy Star	Single Family	12.07	1.82	2.42	0.36	0.92			0.00	0.00
Base Freezer	Single Family	33.27	5.01	0.00	0.00	N/A	33.27	5.01	0.00	0.00
HE Freezer	Single Family	25.82	3.89	7.46	1.12	4.08			7.46	1.12
Base 40 gal. Water Heating (EF=0.88)	Single Family	197.38	20.50	0.00	0.00	N/A	197.38	20.50	0.00	0.00
Water Heater Blanket	Single Family	188.84	19.61	8.55	0.89	10.14			8.55	0.89
Pipe Wrap	Single Family	186.56	19.37	2.28	0.24	4.21			2.28	0.24
Low Flow Showerhead	Single Family	179.90	18.68	6.66	0.69	3.64			6.66	0.69
HE Water Heater (EF=0.93)	Single Family	170.69	17.72	9.21	0.96	0.66			0.00	0.00
Faucet Aerators	Single Family	167.44	17.39	3.25	0.34	2.12			3.25	0.34
Heat Pump Water Heater (EF=2.5)	Single Family	117.29	12.18	50.15	5.21	1.33			50.15	5.21
Base Clotheswasher (MEF=1.26)	Single Family	42.59	5.12	0.00	0.00	N/A	42.59	5.12	0.00	0.00

UI Residential New Construction

Measure	Building Type	Total GWH	Total MW	GWH Savings	MW Savings	Cost Test TRC	Total Resource			
							Base GWH	Base MW	Economic GWH	Economic MW
Base Cooling	Single Family	1.06	0.88	0.00	0.00	N/A	1.06	0.88	0.00	0.00
15% above Standards (Base Cooling)	Single Family	0.91	0.75	0.16	0.13	0.92			0.00	0.00
20% above Standards (Base Cooling)	Single Family	0.72	0.60	0.18	0.15	0.69			0.00	0.00
Base, 13 SEER Split-System Air Conditioner	Single Family	1.06	0.88	0.00	0.00	N/A	1.06	0.88	0.00	0.00
15 SEER Split-System Air Conditioner	Single Family	0.94	0.77	0.13	0.11	1.12			0.13	0.11
Duct Repair (0.32)	Single Family	0.87	0.72	0.06	0.05	4.95			0.06	0.05
Proper Refrigerant Charging and Air Flow	Single Family	0.77	0.63	0.11	0.09	3.27			0.11	0.09
Attic Venting	Single Family	0.73	0.61	0.04	0.02	1.20			0.04	0.02
Double Pane to Low-E Windows	Single Family	0.68	0.57	0.06	0.04	3.74			0.06	0.04
2008 Energy Star to Phase 2 Energy Star Windows	Single Family	0.61	0.51	0.07	0.06	1.05			0.07	0.06
17 SEER Split-System Air Conditioner	Single Family	0.47	0.40	0.14	0.11	0.57			0.00	0.00
Ceiling Fans	Single Family	0.46	0.39	0.01	0.00	0.37			0.00	0.00
Ceiling R-30 to R-38	Single Family	0.46	0.39	0.00	0.00	0.17			0.00	0.00
Whole House Fans	Single Family	0.43	0.38	0.03	0.02	0.17			0.00	0.00
Ceiling R-30 to R-49	Single Family	0.43	0.38	0.00	0.00	0.08			0.00	0.00
Wall R-19 to R-21	Single Family	0.43	0.37	0.00	0.00	0.07			0.00	0.00
Cooling Avoidance	Single Family	0.41	0.36	0.02	0.02	0.04			0.00	0.00
Base Room Air Conditioner - EER 9.8 Fed Standard	Single Family	0.03	0.02	0.00	0.00	N/A	0.03	0.02	0.00	0.00
CEE Tier 1 - HE Room Air Conditioner - EER 11.3	Single Family	0.03	0.02	0.00	0.00	2.23			0.00	0.00
Double Pane to Low-E Windows	Single Family	0.02	0.02	0.00	0.00	1.17			0.00	0.00
Attic Venting	Single Family	0.02	0.02	0.00	0.00	0.33			0.00	0.00
2008 Energy Star to Phase 2 Energy Star Windows	Single Family	0.02	0.02	0.00	0.00	0.31			0.00	0.00
Ceiling Fans	Single Family	0.02	0.02	0.00	0.00	0.14			0.00	0.00
Whole House Fans	Single Family	0.02	0.02	0.00	0.00	0.05			0.00	0.00
Wall R-19 to R-21	Single Family	0.02	0.02	0.00	0.00	0.03			0.00	0.00
Cooling Avoidance	Single Family	0.02	0.02	0.00	0.00	0.01			0.00	0.00
Ceiling R-30 to R-49	Single Family	0.02	0.02	0.00	0.00	0.01			0.00	0.00
Ceiling R-30 to R-38	Single Family	0.02	0.02	0.00	0.00	0.01			0.00	0.00
Base Energy Star Dehumidifier (35-45 pints/day; EF = 1.5)	Single Family	0.34	0.28	0.00	0.00	N/A	0.34	0.28	0.00	0.00
10% better than Energy Star Dehumidifier ROB (35-45 pints/day)	Single Family	0.32	0.26	0.02	0.01	23.77			0.02	0.01
Base Furnace Fan	Single Family	0.17	0.00	0.00	0.00	N/A	0.17	0.00	0.00	0.00
Variable Speed Furnace Fan	Single Family	0.11	0.00	0.06	0.00	2.50			0.06	0.00
Base Lighting (60-Watt incandescent), 2.5 hr/day	Single Family	1.33	0.12	0.00	0.00	N/A	1.33	0.12	0.00	0.00
CFL (18-Watt integral ballast), 2.5 hr/day	Single Family	0.52	0.05	0.81	0.08	17.91			0.81	0.08
Base Incandescent Downlight (65W BR30)	Single Family	0.18	0.02	0.00	0.00	N/A	0.18	0.02	0.00	0.00
Downlights - LED Replacement	Single Family	0.13	0.01	0.04	0.00	1.17			0.04	0.00
CFL Downlight	Single Family	0.07	0.01	0.07	0.01	2.31			0.07	0.01
Base Fluorescent Fixture, 2L4T12, 40W, 1EEMAG	Single Family	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
ROB 2L4T8, 1EB	Single Family	0.00	0.00	0.00	0.00	N/A			0.00	0.00
RET 2L4T8, 1EB	Single Family	0.00	0.00	0.00	0.00	N/A			0.00	0.00
2004 Energy Star Base Refrigerator (18 cf w/top-mount freezer, no through-door ice)	Single Family	0.28	0.04	0.00	0.00	N/A	0.28	0.04	0.00	0.00
HE Refrigerator - 2008 Energy Star version of above (Top Mount)	Single Family	0.26	0.04	0.02	0.00	0.53			0.00	0.00
HE Refrigerator - CEE tier 2 (Top Mount)	Single Family	0.23	0.04	0.03	0.00	0.44			0.00	0.00
Base Refrigerator (18 cf w/ side by side freezer, no through-door ice)	Single Family	0.15	0.02	0.00	0.00	N/A	0.15	0.02	0.00	0.00
HE Refrigerator - 2008 Energy Star version of above (side by side freezer)	Single Family	0.14	0.02	0.01	0.00	0.64			0.00	0.00
HE Refrigerator - CEE Tier 2 (side by side freezer)	Single Family	0.12	0.02	0.01	0.00	0.53			0.00	0.00
Energy Star Base Freezer	Single Family	0.10	0.02	0.00	0.00	N/A	0.10	0.02	0.00	0.00
20% better than Federal Standards Freezer	Single Family	0.09	0.01	0.01	0.00	0.88			0.00	0.00
Base 40 gal. Water Heating (EF=0.88)	Single Family	0.28	0.03	0.00	0.00	N/A	0.28	0.03	0.00	0.00
Water Heater Blanket	Single Family	0.28	0.03	0.00	0.00	10.87			0.00	0.00
Pipe Wrap	Single Family	0.27	0.03	0.00	0.00	4.39			0.00	0.00
Low Flow Showerhead	Single Family	0.27	0.03	0.00	0.00	3.95			0.00	0.00
HE Water Heater (EF=0.93)	Single Family	0.26	0.03	0.01	0.00	0.71			0.00	0.00
Faucet Aerators	Single Family	0.26	0.03	0.00	0.00	2.32			0.00	0.00
Heat Pump Water Heater (EF=2.9)	Single Family	0.10	0.01	0.15	0.02	1.46			0.15	0.02
Energy Star Base Clotheswasher (MEF=1.72)	Single Family	0.04	0.00	0.00	0.00	N/A	0.04	0.00	0.00	0.00
Tier 3 Clotheswasher (MEF=2.20)	Single Family	0.03	0.00	0.01	0.00	0.74			0.00	0.00
Base Clothes Dryer (EF=3.01)	Single Family	0.76	0.10	0.00	0.00	N/A	0.76	0.10	0.00	0.00
High Efficiency CD (EF=3.01 w/moisture sensor)	Single Family	0.65	0.09	0.10	0.01	0.99			0.00	0.00
Heat Pump Dryer (.33kwh)	Single Family	0.64	0.09	0.02	0.00	0.49			0.00	0.00
Base Energy Star Dishwasher (EF=0.65)	Single Family	0.02	0.00	0.00	0.00	N/A	0.02	0.00	0.00	0.00
CEE Tier 2 DW (EF=0.68)	Single Family	0.02	0.00	0.00	0.00	0.43			0.00	0.00
Base Two Speed Pool Pump (1.5 hp)	Single Family	0.08	0.03	0.00	0.00	N/A	0.08	0.03	0.00	0.00
Variable Speed Pool Pump (1.5 hp)	Single Family	0.06	0.02	0.03	0.01	1.09			0.03	0.01
Base Misc	Single Family	1.83	0.46	0.00	0.00	N/A	1.83	0.46	0.00	0.00
Energy Star Computer	Single Family	1.81	0.45	0.02	0.01	11.78			0.02	0.01
Energy Star TV	Single Family	1.77	0.44	0.04	0.01	9.74			0.04	0.01
Base Cooling	Multi-family	0.54	0.45	0.00	0.00	N/A	0.54	0.45	0.00	0.00
15% above Standards (Base Cooling)	Multi-family	0.46	0.38	0.08	0.07	0.83			0.00	0.00
20% above Standards (Base Cooling)	Multi-family	0.37	0.31	0.09	0.08	0.63			0.00	0.00
Base, 13 SEER Split-System Air Conditioner	Multi-family	0.54	0.45	0.00	0.00	N/A	0.54	0.45	0.00	0.00

Commercial Existing Construction

Measure	Building Type	Total GWH	Total MW	GWH Savings	MW Savings	Total Resource		Base GWH	Base MW	Economic GWH	Economic MW
						Cost	Test TRC				
Base Fluorescent Fixture, 4L4T12, 34W, 2EEMAG	Office	243.63	54.65	0.00	0.00	N/A		243.63	54.65	0.00	0.00
High Performance Lighting R/R - 50% Savings	Office	231.45	51.92	12.18	2.73	24.16				12.18	2.73
High Performance Lighting R/R - 25% Savings	Office	208.30	46.72	23.14	5.19	20.08				23.14	5.19
RET 2L4' Premium T8, 1EB, Reflector	Office	167.24	37.51	41.07	9.21	41.81				41.07	9.21
Lighting Control Tuneup	Office	164.77	37.33	2.47	0.18	9.75				2.47	0.18
RET 4L4' Premium T8, 1EB	Office	129.81	29.49	34.96	7.84	50.23				34.96	7.84
Occupancy Sensor, 4L4' Fluorescent Fixtures	Office	121.27	28.58	8.54	0.91	3.28				8.54	0.91
Continuous Dimming, 5L4' Fluorescent Fixtures	Office	108.99	23.99	12.28	4.59	0.60				0.00	0.00
Base Fluorescent Fixture, 2L4T12, 34W, 1EEMAG	Office	234.14	52.52	0.00	0.00	N/A	234.14	52.52		0.00	0.00
High Performance Lighting R/R - 50% Savings	Office	222.43	49.89	11.71	2.63	26.28				11.71	2.63
High Performance Lighting R/R - 25% Savings	Office	200.19	44.90	22.24	4.99	21.84				22.24	4.99
Lighting Control Tuneup	Office	197.24	44.69	2.95	0.21	13.22				2.95	0.21
RET 1L4' Premium T8, 1EB, Reflector OEM	Office	184.56	41.85	12.68	2.84	21.57				12.68	2.84
Occupancy Sensor, 8L4' Fluorescent Fixtures	Office	172.42	40.55	12.14	1.30	4.79				12.14	1.30
RET 2L4' Premium T8, 1EB	Office	125.38	30.00	47.04	10.55	21.63				47.04	10.55
Continuous Dimming, 10L4' Fluorescent Fixtures	Office	112.69	25.25	12.69	4.75	0.70				0.00	0.00
Base Fluorescent Fixture, 2L8T12, 60W, 1EEMAG	Office	25.15	5.64	0.00	0.00	N/A	25.15	5.64		0.00	0.00
High Performance Lighting R/R - 50% Savings	Office	23.89	5.36	1.26	0.28	30.51				1.26	0.28
High Performance Lighting R/R - 25% Savings	Office	21.50	4.82	2.39	0.54	25.36				2.39	0.54
RET 2 - 1L4' Premium T8, 1EB, Reflector OEM	Office	17.41	3.91	4.09	0.92	20.65				4.09	0.92
Occupancy Sensor, 4L8' Fluorescent Fixtures	Office	16.27	3.78	1.15	0.12	4.77				1.15	0.12
RET 2 - 2L4' Premium T8, 1EB	Office	13.33	3.12	2.94	0.66	23.16				2.94	0.66
Continuous Dimming, 5L8' Fluorescent Fixtures	Office	11.98	2.62	1.35	0.50	0.72				0.00	0.00
Base Incandescent Flood, 75W to Screw-in CFL	Office	155.28	34.83	0.00	0.00	N/A	155.28	34.83		0.00	0.00
CFL Screw-in 18W	Office	76.09	17.07	79.20	17.76	72.44				79.20	17.76
Base Incandescent Flood, 75W to Hardwired CFL	Office	51.76	11.61	0.00	0.00	N/A	51.76	11.61		0.00	0.00
CFL Hardwired, Modular 18W	Office	25.36	5.69	26.40	5.92	49.44				26.40	5.92
Base High Bay Metal Halide, 400W	Office	118.18	26.51	0.00	0.00	N/A	118.18	26.51		0.00	0.00
High Performance Lighting R/R - 50% Savings	Office	112.28	25.18	5.91	1.33	31.38				5.91	1.33
High Performance Lighting R/R - 25% Savings	Office	101.05	22.67	11.23	2.52	26.08				11.23	2.52
High Bay T5	Office	64.50	14.47	36.55	8.20	27.75				36.55	8.20
Base 4L4T8, 1EB	Office	459.24	103.01	0.00	0.00	N/A	459.24	103.01		0.00	0.00
ROB 4L4' Premium T8, 1EB	Office	389.87	87.45	69.37	15.56	31.41				69.37	15.56
High Performance Lighting R/R - 50% Savings	Office	370.37	83.08	19.49	4.37	14.89				19.49	4.37
High Performance Lighting R/R - 25% Savings	Office	333.34	74.77	37.04	8.31	12.38				37.04	8.31
Lighting Control Tuneup	Office	328.42	74.41	4.92	0.36	7.49				4.92	0.36
Occupancy Sensor, 4L4' Fluorescent Fixtures	Office	286.76	65.07	41.66	9.34	7.53				41.66	9.34
Base 2L4T8, 1EB	Office	433.94	97.33	0.00	0.00	N/A	433.94	97.33		0.00	0.00
ROB 2L4' Premium T8, 1EB	Office	362.31	81.27	71.63	16.07	24.88				71.63	16.07
High Performance Lighting R/R - 50% Savings	Office	344.19	77.20	18.12	4.06	14.65				18.12	4.06
High Performance Lighting R/R - 25% Savings	Office	309.77	69.48	34.42	7.72	12.18				34.42	7.72
Occupancy Sensor, 8L4' Fluorescent Fixtures	Office	279.50	67.29	30.27	2.19	4.90				30.27	2.19
Lighting Control Tuneup	Office	278.38	67.21	1.12	0.08	6.83				1.12	0.08
Base Exit Sign	Office	10.16	2.28	0.00	0.00	N/A	10.16	2.28		0.00	0.00
LED Exit Sign	Office	2.30	0.52	7.86	1.76	5.09				7.86	1.76
Base Outdoor Mercury Vapor 400W Lamp	Office	363.47	11.80	0.00	0.00	N/A	363.47	11.80		0.00	0.00
Outdoor Lighting Controls (Photocell/Timeclock)	Office	356.80	11.80	6.67	0.00	14.24				6.67	0.00
High Pressure Sodium 250W Lamp	Office	263.64	8.78	93.16	3.03	5.62				93.16	3.03
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Office	119.58	69.42	0.00	0.00	N/A	119.58	69.42		0.00	0.00
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Office	113.80	67.32	5.77	2.09	4.01				5.77	2.09
VSD for Chiller Pumps and Towers	Office	111.66	66.54	2.14	0.78	2.25				2.14	0.78
High Performance HVAC R/R - 30%	Office	103.62	62.65	8.04	3.89	3.63				8.04	3.89
High Performance HVAC R/R - 40%	Office	102.73	62.22	0.89	0.43	1.00				0.89	0.43
EMS - Chiller	Office	101.88	61.73	0.85	0.50	4.83				0.85	0.50
EMS Optimization	Office	97.42	60.11	4.46	1.62	2.62				4.46	1.62
Chiller Tune Up/Diagnostics	Office	90.62	56.82	6.80	3.29	2.37				6.80	3.29
Window Film (Standard)	Office	86.70	54.55	3.92	2.28	1.75				3.92	2.28
Economizer	Office	85.67	54.17	1.04	0.38	1.24				1.04	0.38
Cool Roof - Chiller	Office	85.51	54.12	0.15	0.05	0.04				0.00	0.00
Base DX Packaged System, EER=10.3, 10 tons	Office	588.28	341.50	0.00	0.00	N/A	588.28	341.50		0.00	0.00
High Performance HVAC R/R - 30%	Office	545.92	321.01	42.36	20.49	6.74				42.36	20.49
High Performance HVAC R/R - 40%	Office	541.24	318.75	4.68	2.26	1.86				4.68	2.26
DX Packaged System, EER=10.9, 10 tons	Office	529.32	314.42	11.92	4.32	2.24				11.92	4.32
DX Tune Up/ Advanced Diagnostics	Office	474.69	284.69	54.64	29.73	5.10				54.64	29.73
Window Film (Standard)	Office	454.15	272.77	20.54	11.92	2.28				20.54	11.92
Optimize Controls	Office	441.70	268.25	12.45	4.52	2.05				12.45	4.52
Prog. Thermostat - DX	Office	437.23	266.63	4.46	1.62	1.30				4.46	1.62
Economizer	Office	429.99	264.00	7.24	2.63	1.24				7.24	2.63
Cool Roof - DX	Office	428.09	262.90	1.90	1.10	0.23				0.00	0.00
Base Fan Motor, 5hp, 1800rpm, 87.5%	Office	243.31	28.93	0.00	0.00	N/A	243.31	28.93		0.00	0.00
Fan Motor, 5hp, 1800rpm, 89.5%	Office	237.87	28.29	5.44	0.65	3.53				5.44	0.65

Base Fluorescent Fixture, 4L4T12, 34W, 2EEMAG	Restaurant	48.00	14.99	0.00	0.00	N/A	48.00	14.99	0.00	0.00
High Performance Lighting R/R - 50% Savings	Restaurant	45.60	14.24	2.40	0.75	7.38			2.40	0.75
High Performance Lighting R/R - 25% Savings	Restaurant	41.04	12.81	4.56	1.42	6.14			4.56	1.42
RET 2L4' Premium T8, 1EB, Reflector	Restaurant	35.65	11.13	5.39	1.68	12.87			5.39	1.68
Lighting Control Tuneup	Restaurant	35.52	11.12	0.13	0.01	3.07			0.13	0.01
RET 4L4' Premium T8, 1EB	Restaurant	26.91	8.43	8.61	2.69	16.92			8.61	2.69
Occupancy Sensor, 4L4' Fluorescent Fixtures	Restaurant	26.41	8.35	0.50	0.07	0.68			0.00	0.00
Continuous Dimming, 5L4' Fluorescent Fixtures	Restaurant	25.16	7.70	1.25	0.65	0.21			0.00	0.00
Base Fluorescent Fixture, 2L4T12, 34W, 1EEMAG	Restaurant	13.82	4.32	0.00	0.00	N/A	13.82	4.32	0.00	0.00
High Performance Lighting R/R - 50% Savings	Restaurant	13.13	4.10	0.69	0.22	8.03			0.69	0.22
High Performance Lighting R/R - 25% Savings	Restaurant	11.82	3.69	1.31	0.41	6.67			1.31	0.41
Lighting Control Tuneup	Restaurant	11.77	3.68	0.04	0.00	3.84			0.04	0.00
RET 1L4' Premium T8, 1EB, Reflector OEM	Restaurant	11.02	3.45	0.76	0.24	6.72			0.76	0.24
RET 2L4' Premium T8, 1EB	Restaurant	8.01	2.51	3.01	0.94	7.21			3.01	0.94
Occupancy Sensor, 8L4' Fluorescent Fixtures	Restaurant	7.86	2.49	0.15	0.02	0.69			0.00	0.00
Continuous Dimming, 10L4' Fluorescent Fixtures	Restaurant	7.49	2.30	0.37	0.19	0.24			0.00	0.00
Base Fluorescent Fixture, 2L8T12, 60W, 1EEMAG	Restaurant	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
High Performance Lighting R/R - 50% Savings	Restaurant	0.00	0.00	0.00	0.00	9.32			0.00	0.00
High Performance Lighting R/R - 25% Savings	Restaurant	0.00	0.00	0.00	0.00	7.75			0.00	0.00
RET 2 - 1L4' Premium T8, 1EB, Reflector OEM	Restaurant	0.00	0.00	0.00	0.00	6.14			0.00	0.00
RET 2 - 2L4' Premium T8, 1EB	Restaurant	0.00	0.00	0.00	0.00	7.37			0.00	0.00
Occupancy Sensor, 4L8' Fluorescent Fixtures	Restaurant	0.00	0.00	0.00	0.00	0.74			0.00	0.00
Continuous Dimming, 5L8' Fluorescent Fixtures	Restaurant	0.00	0.00	0.00	0.00	0.23			0.00	0.00
Base Incandescent Flood, 75W to Screw-in CFL	Restaurant	95.55	29.83	0.00	0.00	N/A	95.55	29.83	0.00	0.00
CFL Screw-in 18W	Restaurant	62.82	19.61	32.73	10.22	19.59			32.73	10.22
Base Incandescent Flood, 75W to Hardwired CFL	Restaurant	31.85	9.94	0.00	0.00	N/A	31.85	9.94	0.00	0.00
CFL Hardwired, Modular 18W	Restaurant	20.94	6.54	10.91	3.41	6.69			10.91	3.41
Base High Bay Metal Halide, 400W	Restaurant	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
High Performance Lighting R/R - 50% Savings	Restaurant	0.00	0.00	0.00	0.00	9.59			0.00	0.00
High Performance Lighting R/R - 25% Savings	Restaurant	0.00	0.00	0.00	0.00	7.97			0.00	0.00
High Bay T5	Restaurant	0.00	0.00	0.00	0.00	7.27			0.00	0.00
Base 4L4T8, 1EB	Restaurant	3.48	1.09	0.00	0.00	N/A	3.48	1.09	0.00	0.00
ROB 4L4' Premium T8, 1EB	Restaurant	2.95	0.92	0.53	0.16	6.85			0.53	0.16
High Performance Lighting R/R - 50% Savings	Restaurant	2.81	0.88	0.15	0.05	4.55			0.15	0.05
High Performance Lighting R/R - 25% Savings	Restaurant	2.53	0.79	0.28	0.09	3.78			0.28	0.09
Lighting Control Tuneup	Restaurant	2.52	0.79	0.01	0.00	2.18			0.01	0.00
Occupancy Sensor, 4L4' Fluorescent Fixtures	Restaurant	2.43	0.76	0.09	0.03	1.10			0.09	0.03
Base 2L4T8, 1EB	Restaurant	1.16	0.36	0.00	0.00	N/A	1.16	0.36	0.00	0.00
ROB 2L4' Premium T8, 1EB	Restaurant	0.97	0.30	0.19	0.06	8.39			0.19	0.06
High Performance Lighting R/R - 50% Savings	Restaurant	0.92	0.29	0.05	0.02	4.48			0.05	0.02
High Performance Lighting R/R - 25% Savings	Restaurant	0.83	0.26	0.09	0.03	3.72			0.09	0.03
Lighting Control Tuneup	Restaurant	0.83	0.26	0.00	0.00	2.20			0.00	0.00
Occupancy Sensor, 8L4' Fluorescent Fixtures	Restaurant	0.81	0.26	0.02	0.00	1.04			0.02	0.00
Base Exit Sign	Restaurant	2.66	0.83	0.00	0.00	N/A	2.66	0.83	0.00	0.00
LED Exit Sign	Restaurant	0.52	0.16	2.14	0.67	3.58			2.14	0.67
Base Outdoor Mercury Vapor 400W Lamp	Restaurant	56.39	1.83	0.00	0.00	N/A	56.39	1.83	0.00	0.00
Outdoor Lighting Controls (Photocell/Timeclock)	Restaurant	55.36	1.83	1.03	0.00	4.68			1.03	0.00
High Pressure Sodium 250W Lamp	Restaurant	40.91	1.36	14.45	0.47	1.85			14.45	0.47
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Restaurant	22.49	13.05	0.00	0.00	N/A	22.49	13.05	0.00	0.00
High Performance HVAC R/R - 30%	Restaurant	20.87	12.27	1.62	0.78	5.35			1.62	0.78
High Performance HVAC R/R - 40%	Restaurant	20.69	12.18	0.18	0.09	1.48			0.18	0.09
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Restaurant	19.69	11.82	1.00	0.36	2.40			1.00	0.36
Window Film (Standard)	Restaurant	18.21	10.96	1.48	0.86	5.01			1.48	0.86
VSD for Chiller Pumps and Towers	Restaurant	17.87	10.84	0.34	0.12	1.24			0.34	0.12
EMS Optimization	Restaurant	17.09	10.55	0.78	0.28	3.36			0.78	0.28
Chiller Tune Up/Diagnostics	Restaurant	15.89	9.98	1.19	0.58	3.04			1.19	0.58
EMS - Chiller	Restaurant	15.76	9.90	0.13	0.08	2.58			0.13	0.08
Cool Roof - Chiller	Restaurant	15.65	9.86	0.11	0.04	0.22			0.00	0.00
Economizer	Restaurant	15.65	9.86	0.00	0.00	0.00			0.00	0.00
Base DX Packaged System, EER=10.3, 10 tons	Restaurant	166.17	96.46	0.00	0.00	N/A	166.17	96.46	0.00	0.00
High Performance HVAC R/R - 30%	Restaurant	154.20	90.67	11.96	5.79	9.27			11.96	5.79
High Performance HVAC R/R - 40%	Restaurant	152.88	90.04	1.32	0.64	2.56			1.32	0.64
Window Film (Standard)	Restaurant	141.38	83.36	11.51	6.68	9.12			11.51	6.68
DX Tune Up/ Advanced Diagnostics	Restaurant	126.78	75.41	14.59	7.94	6.63			14.59	7.94
DX Packaged System, EER=10.9, 10 tons	Restaurant	123.99	74.40	2.79	1.01	1.71			2.79	1.01
Optimize Controls	Restaurant	120.59	73.17	3.40	1.23	2.73			3.40	1.23
Cool Roof - DX	Restaurant	118.41	71.90	2.18	1.26	1.24			2.18	1.26
Prog. Thermostat - DX	Restaurant	117.22	71.47	1.20	0.43	1.13			1.20	0.43
Economizer	Restaurant	112.93	69.91	4.29	1.55	0.55			0.00	0.00
Base Fan Motor, 5hp, 1800rpm, 87.5%	Restaurant	97.22	11.56	0.00	0.00	N/A	97.22	11.56	0.00	0.00
Fan Motor, 5hp, 1800rpm, 89.5%	Restaurant	95.05	11.30	2.17	0.26	4.03			2.17	0.26
Variable Speed Drive Control, 5 HP	Restaurant	95.05	11.30	0.00	0.00	1.58			0.00	0.00
Base Fan Motor, 15hp, 1800rpm, 91.0%	Restaurant	0.01	0.00	0.00	0.00	N/A	0.01	0.00	0.00	0.00
Fan Motor, 15hp, 1800rpm, 92.4%	Restaurant	0.01	0.00	0.00	0.00	4.75			0.00	0.00
Air Handler Optimization, 15 HP	Restaurant	0.01	0.00	0.00	0.00	4.34			0.00	0.00

Base Fluorescent Fixture, 4L4T12, 34W, 2EEMAG	Grocery	35.79	11.72	0.00	0.00	N/A	35.79	11.72	0.00	0.00
High Performance Lighting R/R - 50% Savings	Grocery	34.00	11.13	1.79	0.59	24.24			1.79	0.59
High Performance Lighting R/R - 25% Savings	Grocery	30.60	10.02	3.40	1.11	20.15			3.40	1.11
Lighting Control Tuneup	Grocery	30.32	9.99	0.28	0.03	11.51			0.28	0.03
RET 2L4' Premium T8, 1EB, Reflector	Grocery	26.33	8.69	3.98	1.30	22.69			3.98	1.30
RET 4L4' Premium T8, 1EB	Grocery	19.95	6.60	6.39	2.09	29.93			6.39	2.09
Occupancy Sensor, 4L4' Fluorescent Fixtures	Grocery	19.61	6.54	0.34	0.05	1.20			0.34	0.05
Continuous Dimming, 5L4' Fluorescent Fixtures	Grocery	17.07	5.16	2.54	1.38	0.38			0.00	0.00
Base Fluorescent Fixture, 2L4T12, 34W, 1EEMAG	Grocery	31.79	10.41	0.00	0.00	N/A	31.79	10.41	0.00	0.00
High Performance Lighting R/R - 50% Savings	Grocery	30.20	9.89	1.59	0.52	26.36			1.59	0.52
High Performance Lighting R/R - 25% Savings	Grocery	27.18	8.90	3.02	0.99	21.92			3.02	0.99
Lighting Control Tuneup	Grocery	26.93	8.87	0.25	0.03	12.52			0.25	0.03
RET 1L4' Premium T8, 1EB, Reflector OEM	Grocery	25.20	8.31	1.73	0.57	11.88			1.73	0.57
RET 2L4' Premium T8, 1EB	Grocery	18.32	6.06	6.87	2.25	12.75			6.87	2.25
Occupancy Sensor, 8L4' Fluorescent Fixtures	Grocery	18.01	6.01	0.31	0.05	1.22			0.31	0.05
Continuous Dimming, 10L4' Fluorescent Fixtures	Grocery	15.68	4.74	2.33	1.27	0.43			0.00	0.00
Base Fluorescent Fixture, 2L8T12, 60W, 1EEMAG	Grocery	124.92	40.91	0.00	0.00	N/A	124.92	40.91	0.00	0.00
High Performance Lighting R/R - 50% Savings	Grocery	118.68	38.87	6.25	2.05	30.62			6.25	2.05
High Performance Lighting R/R - 25% Savings	Grocery	106.81	34.98	11.87	3.89	25.45			11.87	3.89
RET 2 - 1L4' Premium T8, 1EB, Reflector OEM	Grocery	86.49	28.33	20.32	6.65	10.92			20.32	6.65
RET 2 - 2L4' Premium T8, 1EB	Grocery	70.86	23.21	15.63	5.12	13.10			15.63	5.12
Occupancy Sensor, 4L8' Fluorescent Fixtures	Grocery	69.66	23.02	1.20	0.19	1.32			1.20	0.19
Continuous Dimming, 5L8' Fluorescent Fixtures	Grocery	60.65	18.10	9.01	4.92	0.42			0.00	0.00
Base Incandescent Flood, 75W to Screw-in CFL	Grocery	34.67	11.36	0.00	0.00	N/A	34.67	11.36	0.00	0.00
CFL Screw-in 18W	Grocery	17.64	5.78	17.03	5.58	38.64			17.03	5.58
Base Incandescent Flood, 75W to Hardwired CFL	Grocery	11.56	3.79	0.00	0.00	N/A	11.56	3.79	0.00	0.00
CFL Hardwired, Modular 18W	Grocery	5.88	1.93	5.68	1.86	13.19			5.68	1.86
Base High Bay Metal Halide, 400W	Grocery	1.02	0.33	0.00	0.00	N/A	1.02	0.33	0.00	0.00
High Performance Lighting R/R - 50% Savings	Grocery	0.97	0.32	0.05	0.02	31.49			0.05	0.02
High Performance Lighting R/R - 25% Savings	Grocery	0.87	0.29	0.10	0.03	26.17			0.10	0.03
High Bay T5	Grocery	0.56	0.18	0.32	0.10	12.93			0.32	0.10
Base 4L4T8, 1EB	Grocery	114.10	37.37	0.00	0.00	N/A	114.10	37.37	0.00	0.00
High Performance Lighting R/R - 50% Savings	Grocery	108.40	35.50	5.71	1.87	17.60			5.71	1.87
High Performance Lighting R/R - 25% Savings	Grocery	97.56	31.95	10.84	3.55	14.63			10.84	3.55
ROB 4L4' Premium T8, 1EB	Grocery	82.82	27.12	14.74	4.83	10.43			14.74	4.83
Lighting Control Tuneup	Grocery	82.06	27.04	0.76	0.08	7.10			0.76	0.08
Occupancy Sensor, 4L4' Fluorescent Fixtures	Grocery	79.38	26.17	2.68	0.88	1.94			2.68	0.88
Base 2L4T8, 1EB	Grocery	102.48	33.56	0.00	0.00	N/A	102.48	33.56	0.00	0.00
High Performance Lighting R/R - 50% Savings	Grocery	97.35	31.88	5.12	1.68	17.60			5.12	1.68
High Performance Lighting R/R - 25% Savings	Grocery	87.62	28.69	9.74	3.19	14.63			9.74	3.19
ROB 2L4' Premium T8, 1EB	Grocery	73.15	23.96	14.46	4.74	12.76			14.46	4.74
Lighting Control Tuneup	Grocery	72.97	23.94	0.18	0.02	7.18			0.18	0.02
Occupancy Sensor, 8L4' Fluorescent Fixtures	Grocery	71.14	23.74	1.84	0.19	1.84			1.84	0.19
Base Exit Sign	Grocery	0.61	0.20	0.00	0.00	N/A	0.61	0.20	0.00	0.00
LED Exit Sign	Grocery	0.12	0.04	0.49	0.16	3.56			0.49	0.16
Base Outdoor Mercury Vapor 400W Lamp	Grocery	132.28	4.30	0.00	0.00	N/A	132.28	4.30	0.00	0.00
Outdoor Lighting Controls (Photocell/Timeclock)	Grocery	129.86	4.30	2.43	0.00	14.32			2.43	0.00
High Pressure Sodium 250W Lamp	Grocery	95.95	3.19	33.90	1.10	5.66			33.90	1.10
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Grocery	1.13	0.66	0.00	0.00	N/A	1.13	0.66	0.00	0.00
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Grocery	1.08	0.64	0.05	0.02	1.67			0.05	0.02
High Performance HVAC R/R - 30%	Grocery	1.00	0.60	0.08	0.04	2.32			0.08	0.04
High Performance HVAC R/R - 40%	Grocery	0.99	0.60	0.01	0.00	0.64			0.00	0.00
VSD for Chiller Pumps and Towers	Grocery	0.97	0.59	0.02	0.01	0.86			0.00	0.00
EMS - Chiller	Grocery	0.96	0.58	0.01	0.00	2.00			0.01	0.00
EMS Optimization	Grocery	0.92	0.57	0.04	0.02	1.64			0.04	0.02
Chiller Tune Up/Diagnostics	Grocery	0.86	0.54	0.06	0.03	1.48			0.06	0.03
Window Film (Standard)	Grocery	0.83	0.52	0.03	0.02	1.16			0.03	0.02
Cool Roof - Chiller	Grocery	0.81	0.51	0.01	0.00	0.23			0.00	0.00
Economizer	Grocery	0.81	0.51	0.00	0.00	0.00			0.00	0.00
Base DX Packaged System, EER=10.3, 10 tons	Grocery	138.22	80.24	0.00	0.00	N/A	138.22	80.24	0.00	0.00
High Performance HVAC R/R - 30%	Grocery	128.27	75.42	9.95	4.81	4.22			9.95	4.81
High Performance HVAC R/R - 40%	Grocery	127.17	74.89	1.10	0.53	1.17			1.10	0.53
DX Packaged System, EER=10.9, 10 tons	Grocery	124.37	73.88	2.80	1.02	1.32			2.80	1.02
DX Tune Up/ Advanced Diagnostics	Grocery	111.53	66.89	12.84	6.99	3.19			12.84	6.99
Window Film (Standard)	Grocery	107.33	64.45	4.20	2.44	2.13			4.20	2.44
Cool Roof - DX	Grocery	103.16	62.03	4.17	2.42	1.42			4.17	2.42
Optimize Controls	Grocery	100.33	61.00	2.83	1.03	1.24			2.83	1.03
Prog. Thermostat - DX	Grocery	99.32	60.64	1.01	0.37	0.74			0.00	0.00
Economizer	Grocery	98.80	60.45	0.52	0.19	0.06			0.00	0.00
Base Fan Motor, 5hp, 1800rpm, 87.5%	Grocery	27.69	3.29	0.00	0.00	N/A	27.69	3.29	0.00	0.00
Fan Motor, 5hp, 1800rpm, 89.5%	Grocery	27.07	3.22	0.62	0.07	2.89			0.62	0.07
Variable Speed Drive Control, 5 HP	Grocery	27.07	3.22	0.00	0.00	1.13			0.00	0.00
Base Fan Motor, 15hp, 1800rpm, 91.0%	Grocery	24.55	2.92	0.00	0.00	N/A	24.55	2.92	0.00	0.00
Fan Motor, 15hp, 1800rpm, 92.4%	Grocery	24.18	2.87	0.37	0.04	3.40			0.37	0.04
Variable Speed Drive Control, 15 HP	Grocery	24.18	2.87	0.00	0.00	2.27			0.00	0.00

Base Fluorescent Fixture, 4L4T12, 34W, 2EEMAG	Retail	79.13	24.71	0.00	0.00	N/A	79.13	24.71	0.00	0.00
High Performance Lighting R/R - 50% Savings	Retail	75.18	23.47	3.96	1.24	12.13			3.96	1.24
High Performance Lighting R/R - 25% Savings	Retail	67.66	21.12	7.52	2.35	10.09			7.52	2.35
Lighting Control Tuneup	Retail	66.66	21.02	1.00	0.10	5.81			1.00	0.10
RET 2L4' Premium T8, 1EB, Reflector	Retail	57.90	18.29	8.76	2.74	12.10			8.76	2.74
RET 4L4' Premium T8, 1EB	Retail	43.86	13.90	14.04	4.38	15.96			14.04	4.38
Occupancy Sensor, 4L4' Fluorescent Fixtures	Retail	43.05	13.78	0.81	0.12	0.64			0.00	0.00
Continuous Dimming, 5L4' Fluorescent Fixtures	Retail	41.02	12.73	2.03	1.06	0.20			0.00	0.00
Base Fluorescent Fixture, 2L4T12, 34W, 1EEMAG	Retail	126.29	39.43	0.00	0.00	N/A	126.29	39.43	0.00	0.00
High Performance Lighting R/R - 50% Savings	Retail	119.97	37.46	6.31	1.97	13.20			6.31	1.97
High Performance Lighting R/R - 25% Savings	Retail	107.98	33.71	12.00	3.75	10.97			12.00	3.75
Lighting Control Tuneup	Retail	106.38	33.55	1.59	0.16	6.32			1.59	0.16
RET 1L4' Premium T8, 1EB, Reflector OEM	Retail	99.54	31.42	6.84	2.14	6.34			6.84	2.14
RET 2L4' Premium T8, 1EB	Retail	72.39	22.94	27.16	8.48	6.80			27.16	8.48
Occupancy Sensor, 8L4' Fluorescent Fixtures	Retail	71.05	22.74	1.33	0.20	0.66			0.00	0.00
Continuous Dimming, 10L4' Fluorescent Fixtures	Retail	67.70	20.99	3.36	1.75	0.23			0.00	0.00
Base Fluorescent Fixture, 2L8T12, 60W, 1EEMAG	Retail	16.63	5.19	0.00	0.00	N/A	16.63	5.19	0.00	0.00
High Performance Lighting R/R - 50% Savings	Retail	15.80	4.93	0.83	0.26	15.33			0.83	0.26
High Performance Lighting R/R - 25% Savings	Retail	14.22	4.44	1.58	0.49	12.74			1.58	0.49
RET 2 - 1L4' Premium T8, 1EB, Reflector OEM	Retail	11.51	3.59	2.71	0.84	6.07			2.71	0.84
RET 2 - 2L4' Premium T8, 1EB	Retail	9.43	2.95	2.08	0.65	7.28			2.08	0.65
Occupancy Sensor, 4L8' Fluorescent Fixtures	Retail	9.26	2.92	0.17	0.03	0.74			0.00	0.00
Continuous Dimming, 5L8' Fluorescent Fixtures	Retail	8.82	2.69	0.44	0.23	0.23			0.00	0.00
Base Incandescent Flood, 75W to Screw-in CFL	Retail	171.02	53.39	0.00	0.00	N/A	171.02	53.39	0.00	0.00
CFL Screw-in 18W	Retail	113.44	35.42	57.58	17.98	16.04			57.58	17.98
Base Incandescent Flood, 75W to Hardwired CFL	Retail	57.01	17.80	0.00	0.00	N/A	57.01	17.80	0.00	0.00
CFL Hardwired, Modular 18W	Retail	37.81	11.81	19.19	5.99	10.95			19.19	5.99
Base High Bay Metal Halide, 400W	Retail	86.72	27.07	0.00	0.00	N/A	86.72	27.07	0.00	0.00
High Performance Lighting R/R - 50% Savings	Retail	82.38	25.72	4.34	1.35	15.76			4.34	1.35
High Performance Lighting R/R - 25% Savings	Retail	74.15	23.15	8.24	2.57	13.10			8.24	2.57
High Bay T5	Retail	47.33	14.78	26.82	8.37	8.15			26.82	8.37
Base 4L4T8, 1EB	Retail	15.02	4.69	0.00	0.00	N/A	15.02	4.69	0.00	0.00
ROB 4L4' Premium T8, 1EB	Retail	12.75	3.98	2.27	0.71	9.23			2.27	0.71
High Performance Lighting R/R - 50% Savings	Retail	12.12	3.78	0.64	0.20	7.48			0.64	0.20
High Performance Lighting R/R - 25% Savings	Retail	10.90	3.40	1.21	0.38	6.22			1.21	0.38
Lighting Control Tuneup	Retail	10.74	3.39	0.16	0.02	3.58			0.16	0.02
Occupancy Sensor, 4L4' Fluorescent Fixtures	Retail	10.36	3.27	0.38	0.12	1.46			0.38	0.12
Base 2L4T8, 1EB	Retail	36.73	11.47	0.00	0.00	N/A	36.73	11.47	0.00	0.00
High Performance Lighting R/R - 50% Savings	Retail	34.89	10.89	1.84	0.57	8.81			1.84	0.57
High Performance Lighting R/R - 25% Savings	Retail	31.40	9.80	3.49	1.09	7.33			3.49	1.09
ROB 2L4' Premium T8, 1EB	Retail	26.22	8.19	5.18	1.62	6.25			5.18	1.62
Lighting Control Tuneup	Retail	26.11	8.17	0.10	0.01	3.62			0.10	0.01
Occupancy Sensor, 8L4' Fluorescent Fixtures	Retail	25.40	8.10	0.71	0.07	0.90			0.00	0.00
Base Exit Sign	Retail	2.24	0.70	0.00	0.00	N/A	2.24	0.70	0.00	0.00
LED Exit Sign	Retail	0.45	0.14	1.78	0.56	4.95			1.78	0.56
Base Outdoor Mercury Vapor 400W Lamp	Retail	140.99	4.58	0.00	0.00	N/A	140.99	4.58	0.00	0.00
Outdoor Lighting Controls (Photocell/Timeclock)	Retail	138.40	4.58	2.59	0.00	14.70			2.59	0.00
High Pressure Sodium 250W Lamp	Retail	102.27	3.40	36.13	1.17	5.80			36.13	1.17
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Retail	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
Base DX Packaged System, EER=10.3, 10 tons	Retail	183.45	106.50	0.00	0.00	N/A	183.45	106.50	0.00	0.00
DX Packaged System, EER=10.9, 10 tons	Retail	179.41	105.03	4.04	1.47	2.57			4.04	1.47
High Performance HVAC R/R - 30%	Retail	166.50	98.78	12.92	6.25	3.24			12.92	6.25
High Performance HVAC R/R - 40%	Retail	165.07	98.09	1.43	0.69	0.90			0.00	0.00
DX Tune Up/ Advanced Diagnostics	Retail	148.03	88.82	17.04	9.27	2.51			17.04	9.27
Prog. Thermostat - DX	Retail	146.54	88.28	1.50	0.54	1.47			1.50	0.54
Window Film (Standard)	Retail	144.83	87.29	1.70	0.99	1.31			1.70	0.99
Optimize Controls	Retail	140.86	85.85	3.97	1.44	1.03			3.97	1.44
Cool Roof - DX	Retail	134.85	82.36	6.01	3.49	0.89			0.00	0.00
Economizer	Retail	129.86	80.55	4.99	1.81	0.56			0.00	0.00
Base Fan Motor, 5hp, 1800rpm, 87.5%	Retail	39.78	4.73	0.00	0.00	N/A	39.78	4.73	0.00	0.00
Fan Motor, 5hp, 1800rpm, 89.5%	Retail	38.90	4.63	0.89	0.11	2.23			0.89	0.11
Variable Speed Drive Control, 5 HP	Retail	37.24	4.56	1.65	0.06	0.87			0.00	0.00
Base Fan Motor, 15hp, 1800rpm, 91.0%	Retail	14.89	1.77	0.00	0.00	N/A	14.89	1.77	0.00	0.00
Fan Motor, 15hp, 1800rpm, 92.4%	Retail	14.67	1.74	0.23	0.03	2.63			0.23	0.03
Variable Speed Drive Control, 15 HP	Retail	14.16	1.72	0.51	0.02	1.76			0.51	0.02
Air Handler Optimization, 15 HP	Retail	13.27	1.69	0.89	0.03	1.20			0.89	0.03
Base Fan Motor, 40hp, 1800rpm, 93.0%	Retail	12.36	1.47	0.00	0.00	N/A	12.36	1.47	0.00	0.00
Variable Speed Drive Control, 40 HP	Retail	10.80	1.41	1.57	0.06	2.57			1.57	0.06
Fan Motor, 40hp, 1800rpm, 94.1%	Retail	10.67	1.40	0.13	0.02	1.91			0.13	0.02
Air Handler Optimization, 40 HP	Retail	10.00	1.37	0.67	0.03	1.07			0.67	0.03
Base Refrigeration System - Grocery	Retail	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
Base Refrigeration - Warehouse	Retail	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
Base Refrigeration System - Food Services	Retail	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
Base Data Center	Retail	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
Base Plug Loads	Retail	51.56	8.97	0.00	0.00	N/A	51.56	8.97	0.00	0.00

Base Fluorescent Fixture, 4L4T12, 34W, 2EEMAG	Warehouse	3.83	0.96	0.00	0.00	N/A	3.83	0.96	0.00	0.00
High Performance Lighting R/R - 50% Savings	Warehouse	3.63	0.91	0.19	0.05	7.02			0.19	0.05
High Performance Lighting R/R - 25% Savings	Warehouse	3.27	0.82	0.36	0.09	5.84			0.36	0.09
Lighting Control Tuneup	Warehouse	3.24	0.82	0.03	0.00	3.48			0.03	0.00
RET 2L4' Premium T8, 1EB, Reflector	Warehouse	2.81	0.71	0.43	0.11	1.26			0.43	0.11
RET 4L4' Premium T8, 1EB	Warehouse	2.13	0.54	0.68	0.17	1.67			0.68	0.17
Occupancy Sensor, 4L4' Fluorescent Fixtures	Warehouse	2.02	0.53	0.11	0.01	0.10			0.00	0.00
Continuous Dimming, 5L4' Fluorescent Fixtures	Warehouse	1.77	0.42	0.25	0.10	0.02			0.00	0.00
Base Fluorescent Fixture, 2L4T12, 34W, 1EEMAG	Warehouse	49.95	12.52	0.00	0.00	N/A	49.95	12.52	0.00	0.00
High Performance Lighting R/R - 50% Savings	Warehouse	47.46	11.89	2.50	0.63	7.64			2.50	0.63
High Performance Lighting R/R - 25% Savings	Warehouse	42.71	10.70	4.75	1.19	6.35			4.75	1.19
Lighting Control Tuneup	Warehouse	42.32	10.67	0.39	0.03	3.78			0.39	0.03
RET 1L4' Premium T8, 1EB, Reflector OEM	Warehouse	39.60	9.99	2.72	0.68	0.66			0.00	0.00
Occupancy Sensor, 8L4' Fluorescent Fixtures	Warehouse	37.57	9.75	2.03	0.24	0.15			0.00	0.00
RET 2L4' Premium T8, 1EB	Warehouse	27.32	7.18	10.25	2.57	0.67			0.00	0.00
Continuous Dimming, 10L4' Fluorescent Fixtures	Warehouse	24.04	5.81	3.29	1.37	0.02			0.00	0.00
Base Fluorescent Fixture, 2L8T12, 60W, 1EEMAG	Warehouse	5.30	1.33	0.00	0.00	N/A	5.30	1.33	0.00	0.00
High Performance Lighting R/R - 50% Savings	Warehouse	5.03	1.26	0.26	0.07	8.87			0.26	0.07
High Performance Lighting R/R - 25% Savings	Warehouse	4.53	1.13	0.50	0.13	7.37			0.50	0.13
RET 2 - 1L4' Premium T8, 1EB, Reflector OEM	Warehouse	3.67	0.92	0.86	0.22	0.61			0.00	0.00
Occupancy Sensor, 4L8' Fluorescent Fixtures	Warehouse	3.48	0.90	0.19	0.02	0.14			0.00	0.00
RET 2 - 2L4' Premium T8, 1EB	Warehouse	2.85	0.74	0.63	0.16	0.69			0.00	0.00
Continuous Dimming, 5L8' Fluorescent Fixtures	Warehouse	2.51	0.60	0.34	0.14	0.02			0.00	0.00
Base Incandescent Flood, 75W to Screw-in CFL	Warehouse	10.97	2.75	0.00	0.00	N/A	10.97	2.75	0.00	0.00
CFL Screw-in 18W	Warehouse	3.86	0.97	7.11	1.78	1.89			7.11	1.78
Base Incandescent Flood, 75W to Hardwired CFL	Warehouse	3.66	0.92	0.00	0.00	N/A	3.66	0.92	0.00	0.00
CFL Hardwired, Modular 18W	Warehouse	1.29	0.32	2.37	0.59	0.64			0.00	0.00
Base High Bay Metal Halide, 400W	Warehouse	2.83	0.71	0.00	0.00	N/A	2.83	0.71	0.00	0.00
High Performance Lighting R/R - 50% Savings	Warehouse	2.69	0.67	0.14	0.04	9.12			0.14	0.04
High Performance Lighting R/R - 25% Savings	Warehouse	2.42	0.61	0.27	0.07	7.58			0.27	0.07
High Bay T5	Warehouse	1.54	0.39	0.87	0.22	0.72			0.00	0.00
Base 4L4T8, 1EB	Warehouse	0.25	0.06	0.00	0.00	N/A	0.25	0.06	0.00	0.00
High Performance Lighting R/R - 50% Savings	Warehouse	0.24	0.06	0.01	0.00	5.10			0.01	0.00
High Performance Lighting R/R - 25% Savings	Warehouse	0.22	0.05	0.02	0.01	4.24			0.02	0.01
Lighting Control Tuneup	Warehouse	0.22	0.05	0.00	0.00	2.53			0.00	0.00
ROB 4L4' Premium T8, 1EB	Warehouse	0.18	0.05	0.03	0.01	0.58			0.00	0.00
Occupancy Sensor, 4L4' Fluorescent Fixtures	Warehouse	0.16	0.04	0.02	0.00	0.16			0.00	0.00
Base 2L4T8, 1EB	Warehouse	4.01	1.00	0.00	0.00	N/A	4.01	1.00	0.00	0.00
High Performance Lighting R/R - 50% Savings	Warehouse	3.81	0.95	0.20	0.05	5.10			0.20	0.05
High Performance Lighting R/R - 25% Savings	Warehouse	3.43	0.86	0.38	0.10	4.24			0.38	0.10
Lighting Control Tuneup	Warehouse	3.42	0.86	0.01	0.00	2.60			0.01	0.00
ROB 2L4' Premium T8, 1EB	Warehouse	2.85	0.72	0.56	0.14	0.71			0.00	0.00
Occupancy Sensor, 8L4' Fluorescent Fixtures	Warehouse	2.64	0.70	0.22	0.02	0.16			0.00	0.00
Base Exit Sign	Warehouse	0.12	0.03	0.00	0.00	N/A	0.12	0.03	0.00	0.00
LED Exit Sign	Warehouse	0.03	0.01	0.10	0.02	0.33			0.00	0.00
Base Outdoor Mercury Vapor 400W Lamp	Warehouse	6.04	0.20	0.00	0.00	N/A	6.04	0.20	0.00	0.00
Outdoor Lighting Controls (Photocell/Timeclock)	Warehouse	5.93	0.20	0.11	0.00	1.29			0.11	0.00
High Pressure Sodium 250W Lamp	Warehouse	4.38	0.15	1.55	0.05	0.51			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Warehouse	3.37	1.96	0.00	0.00	N/A	3.37	1.96	0.00	0.00
High Performance HVAC R/R - 30%	Warehouse	3.13	1.84	0.24	0.12	1.14			0.24	0.12
High Performance HVAC R/R - 40%	Warehouse	3.10	1.83	0.03	0.01	0.32			0.00	0.00
EMS Optimization	Warehouse	2.96	1.78	0.14	0.05	0.83			0.00	0.00
Chiller Tune Up/Diagnostics	Warehouse	2.76	1.68	0.21	0.10	0.75			0.00	0.00
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Warehouse	2.62	1.63	0.13	0.05	0.08			0.00	0.00
VSD for Chiller Pumps and Towers	Warehouse	2.57	1.61	0.05	0.02	0.05			0.00	0.00
EMS - Chiller	Warehouse	2.55	1.60	0.02	0.01	0.11			0.00	0.00
Cool Roof - Chiller	Warehouse	2.55	1.60	0.01	0.00	0.01			0.00	0.00
Economizer	Warehouse	2.52	1.58	0.03	0.01	0.03			0.00	0.00
Window Film (Standard)	Warehouse	2.35	1.49	0.17	0.10	0.02			0.00	0.00
Base DX Packaged System, EER=10.3, 10 tons	Warehouse	23.36	13.56	0.00	0.00	N/A	23.36	13.56	0.00	0.00
High Performance HVAC R/R - 30%	Warehouse	21.68	12.75	1.68	0.81	1.98			1.68	0.81
High Performance HVAC R/R - 40%	Warehouse	21.49	12.66	0.19	0.09	0.55			0.00	0.00
DX Tune Up/ Advanced Diagnostics	Warehouse	19.27	11.45	2.22	1.21	1.53			2.22	1.21
Optimize Controls	Warehouse	18.75	11.26	0.53	0.19	0.64			0.00	0.00
Economizer	Warehouse	17.29	10.73	1.45	0.53	0.36			0.00	0.00
DX Packaged System, EER=10.9, 10 tons	Warehouse	16.91	10.59	0.38	0.14	0.06			0.00	0.00
Cool Roof - DX	Warehouse	16.81	10.53	0.10	0.06	0.07			0.00	0.00
Prog. Thermostat - DX	Warehouse	16.64	10.47	0.17	0.06	0.04			0.00	0.00
Window Film (Standard)	Warehouse	15.54	9.83	1.10	0.64	0.04			0.00	0.00
Base Fan Motor, 5hp, 1800rpm, 87.5%	Warehouse	5.71	0.68	0.00	0.00	N/A	5.71	0.68	0.00	0.00
Fan Motor, 5hp, 1800rpm, 89.5%	Warehouse	5.58	0.66	0.13	0.02	0.09			0.00	0.00
Variable Speed Drive Control, 5 HP	Warehouse	5.51	0.66	0.07	0.00	0.03			0.00	0.00
Base Fan Motor, 15hp, 1800rpm, 91.0%	Warehouse	1.67	0.20	0.00	0.00	N/A	1.67	0.20	0.00	0.00
Air Handler Optimization, 15 HP	Warehouse	1.57	0.19	0.10	0.00	0.51			0.00	0.00
Fan Motor, 15hp, 1800rpm, 92.4%	Warehouse	1.54	0.19	0.02	0.00	0.09			0.00	0.00

Base Fluorescent Fixture, 4L4T12, 34W, 2EEMAG	Education	62.14	11.48	0.00	0.00	N/A	62.14	11.48	0.00	0.00
High Performance Lighting R/R - 50% Savings	Education	59.03	10.91	3.11	0.57	10.78			3.11	0.57
High Performance Lighting R/R - 25% Savings	Education	53.13	9.82	5.90	1.09	8.96			5.90	1.09
Lighting Control Tuneup	Education	52.64	9.79	0.49	0.03	5.55			0.49	0.03
RET 2L4' Premium T8, 1EB, Reflector	Education	45.72	8.51	6.92	1.28	13.56			6.92	1.28
RET 4L4' Premium T8, 1EB	Education	34.63	6.46	11.09	2.05	17.89			11.09	2.05
Occupancy Sensor, 4L4' Fluorescent Fixtures	Education	32.79	6.30	1.85	0.16	0.76			0.00	0.00
Continuous Dimming, 5L4' Fluorescent Fixtures	Education	30.20	5.50	2.58	0.80	0.21			0.00	0.00
Base Fluorescent Fixture, 2L4T12, 34W, 1EEMAG	Education	35.19	6.50	0.00	0.00	N/A	35.19	6.50	0.00	0.00
High Performance Lighting R/R - 50% Savings	Education	33.43	6.18	1.76	0.33	11.73			1.76	0.33
High Performance Lighting R/R - 25% Savings	Education	30.09	5.56	3.34	0.62	9.75			3.34	0.62
Lighting Control Tuneup	Education	29.81	5.54	0.28	0.02	6.04			0.28	0.02
RET 1L4' Premium T8, 1EB, Reflector OEM	Education	27.89	5.19	1.92	0.35	7.10			1.92	0.35
RET 2L4' Premium T8, 1EB	Education	20.28	3.78	7.61	1.41	7.62			7.61	1.41
Occupancy Sensor, 8L4' Fluorescent Fixtures	Education	19.20	3.69	1.08	0.10	0.77			0.00	0.00
Continuous Dimming, 10L4' Fluorescent Fixtures	Education	17.69	3.22	1.51	0.47	0.23			0.00	0.00
Base Fluorescent Fixture, 2L8T12, 60W, 1EEMAG	Education	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
High Performance Lighting R/R - 50% Savings	Education	0.00	0.00	0.00	0.00	13.62			0.00	0.00
High Performance Lighting R/R - 25% Savings	Education	0.00	0.00	0.00	0.00	11.32			0.00	0.00
RET 2 - 1L4' Premium T8, 1EB, Reflector OEM	Education	0.00	0.00	0.00	0.00	6.76			0.00	0.00
RET 2 - 2L4' Premium T8, 1EB	Education	0.00	0.00	0.00	0.00	8.12			0.00	0.00
Occupancy Sensor, 4L8' Fluorescent Fixtures	Education	0.00	0.00	0.00	0.00	0.86			0.00	0.00
Continuous Dimming, 5L8' Fluorescent Fixtures	Education	0.00	0.00	0.00	0.00	0.23			0.00	0.00
Base Incandescent Flood, 75W to Screw-in CFL	Education	33.43	6.18	0.00	0.00	N/A	33.43	6.18	0.00	0.00
CFL Screw-in 18W	Education	14.99	2.77	18.44	3.41	21.19			18.44	3.41
Base Incandescent Flood, 75W to Hardwired CFL	Education	11.14	2.06	0.00	0.00	N/A	11.14	2.06	0.00	0.00
CFL Hardwired, Modular 18W	Education	5.00	0.92	6.15	1.14	14.46			6.15	1.14
Base High Bay Metal Halide, 400W	Education	10.87	2.01	0.00	0.00	N/A	10.87	2.01	0.00	0.00
High Performance Lighting R/R - 50% Savings	Education	10.32	1.91	0.54	0.10	14.01			0.54	0.10
High Performance Lighting R/R - 25% Savings	Education	9.29	1.72	1.03	0.19	11.64			1.03	0.19
High Bay T5	Education	5.93	1.10	3.36	0.62	9.09			3.36	0.62
Base 4L4T8, 1EB	Education	72.94	13.48	0.00	0.00	N/A	72.94	13.48	0.00	0.00
ROB 4L4' Premium T8, 1EB	Education	61.92	11.44	11.02	2.04	10.28			11.02	2.04
High Performance Lighting R/R - 50% Savings	Education	58.83	10.87	3.10	0.57	6.65			3.10	0.57
High Performance Lighting R/R - 25% Savings	Education	52.94	9.78	5.88	1.09	5.53			5.88	1.09
Lighting Control Tuneup	Education	52.46	9.75	0.49	0.03	3.43			0.49	0.03
Occupancy Sensor, 4L4' Fluorescent Fixtures	Education	47.08	8.76	5.37	0.99	1.64			5.37	0.99
Base 2L4T8, 1EB	Education	39.47	7.29	0.00	0.00	N/A	39.47	7.29	0.00	0.00
ROB 2L4' Premium T8, 1EB	Education	32.96	6.09	6.52	1.20	8.15			6.52	1.20
High Performance Lighting R/R - 50% Savings	Education	31.31	5.78	1.65	0.30	6.54			1.65	0.30
High Performance Lighting R/R - 25% Savings	Education	28.18	5.21	3.13	0.58	5.44			3.13	0.58
Lighting Control Tuneup	Education	28.11	5.20	0.07	0.00	3.46			0.07	0.00
Occupancy Sensor, 8L4' Fluorescent Fixtures	Education	25.88	5.07	2.22	0.13	1.09			2.22	0.13
Base Exit Sign	Education	1.67	0.31	0.00	0.00	N/A	1.67	0.31	0.00	0.00
LED Exit Sign	Education	0.35	0.06	1.32	0.24	5.84			1.32	0.24
Base Outdoor Mercury Vapor 400W Lamp	Education	19.57	0.64	0.00	0.00	N/A	19.57	0.64	0.00	0.00
Outdoor Lighting Controls (Photocell/Timeclock)	Education	19.21	0.64	0.36	0.00	2.53			0.36	0.00
High Pressure Sodium 250W Lamp	Education	14.19	0.47	5.02	0.16	1.00			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Education	14.69	8.53	0.00	0.00	N/A	14.69	8.53	0.00	0.00
High Performance HVAC R/R - 30%	Education	13.63	8.01	1.06	0.51	3.76			1.06	0.51
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Education	12.97	7.77	0.66	0.24	2.07			0.66	0.24
High Performance HVAC R/R - 40%	Education	12.86	7.72	0.11	0.05	0.99			0.00	0.00
VSD for Chiller Pumps and Towers	Education	12.62	7.63	0.24	0.09	1.15			0.24	0.09
EMS - Chiller	Education	12.51	7.57	0.10	0.06	2.69			0.10	0.06
EMS Optimization	Education	11.97	7.37	0.55	0.20	2.53			0.55	0.20
Chiller Tune Up/Diagnostics	Education	11.13	6.97	0.84	0.40	2.29			0.84	0.40
Window Film (Standard)	Education	10.86	6.81	0.27	0.16	1.20			0.27	0.16
Cool Roof - Chiller	Education	10.75	6.77	0.11	0.04	0.14			0.00	0.00
Economizer	Education	10.70	6.75	0.05	0.02	0.29			0.00	0.00
Base DX Packaged System, EER=10.3, 10 tons	Education	214.60	124.58	0.00	0.00	N/A	214.60	124.58	0.00	0.00
High Performance HVAC R/R - 30%	Education	199.15	117.10	15.45	7.47	6.51			15.45	7.47
High Performance HVAC R/R - 40%	Education	197.44	116.28	1.71	0.83	1.80			1.71	0.83
DX Tune Up/ Advanced Diagnostics	Education	177.06	105.19	20.38	11.09	5.03			20.38	11.09
DX Packaged System, EER=10.9, 10 tons	Education	173.16	103.77	3.90	1.41	0.96			0.00	0.00
Optimize Controls	Education	168.41	102.05	4.75	1.72	2.07			4.75	1.72
Window Film (Standard)	Education	164.31	99.67	4.10	2.38	1.29			4.10	2.38
Cool Roof - DX	Education	160.24	97.30	4.07	2.37	0.80			0.00	0.00
Prog. Thermostat - DX	Education	158.62	96.71	1.62	0.59	0.61			0.00	0.00
Economizer	Education	157.69	96.38	0.93	0.34	0.19			0.00	0.00
Base Fan Motor, 5hp, 1800rpm, 87.5%	Education	63.33	7.53	0.00	0.00	N/A	63.33	7.53	0.00	0.00
Fan Motor, 5hp, 1800rpm, 89.5%	Education	61.92	7.36	1.42	0.17	2.04			1.42	0.17
Variable Speed Drive Control, 5 HP	Education	58.70	7.24	3.22	0.12	0.80			0.00	0.00
Base Fan Motor, 15hp, 1800rpm, 91.0%	Education	17.69	2.10	0.00	0.00	N/A	17.69	2.10	0.00	0.00
Fan Motor, 15hp, 1800rpm, 92.4%	Education	17.43	2.07	0.27	0.03	2.41			0.27	0.03
Air Handler Optimization, 15 HP	Education	16.33	2.03	1.09	0.04	2.24			1.09	0.04

Base Fluorescent Fixture, 4L4T12, 34W, 2EEMAG	Health Care	92.81	19.32	0.00	0.00	N/A	92.81	19.32	0.00	0.00
High Performance Lighting R/R - 50% Savings	Health Care	88.17	18.35	4.64	0.97	21.78			4.64	0.97
High Performance Lighting R/R - 25% Savings	Health Care	79.35	16.52	8.82	1.84	18.10			8.82	1.84
RET 2L4' Premium T8, 1EB, Reflector	Health Care	68.92	14.35	10.43	2.17	45.74			10.43	2.17
Lighting Control Tuneup	Health Care	67.91	14.28	1.02	0.07	9.61			1.02	0.07
RET 4L4' Premium T8, 1EB	Health Care	51.44	10.85	16.47	3.43	59.45			16.47	3.43
Occupancy Sensor, 4L4' Fluorescent Fixtures	Health Care	48.69	10.58	2.74	0.27	2.50			2.74	0.27
Continuous Dimming, 5L4' Fluorescent Fixtures	Health Care	47.05	10.01	1.64	0.57	0.69			0.00	0.00
Base Fluorescent Fixture, 2L4T12, 34W, 1EEMAG	Health Care	157.67	32.82	0.00	0.00	N/A	157.67	32.82	0.00	0.00
High Performance Lighting R/R - 50% Savings	Health Care	149.78	31.18	7.88	1.64	23.69			7.88	1.64
High Performance Lighting R/R - 25% Savings	Health Care	134.80	28.06	14.98	3.12	19.69			14.98	3.12
Lighting Control Tuneup	Health Care	132.82	27.92	1.99	0.13	12.03			1.99	0.13
RET 1L4' Premium T8, 1EB, Reflector OEM	Health Care	124.28	26.15	8.54	1.78	23.60			8.54	1.78
RET 2L4' Premium T8, 1EB	Health Care	90.37	19.09	33.90	7.06	25.33			33.90	7.06
Occupancy Sensor, 8L4' Fluorescent Fixtures	Health Care	85.55	18.61	4.82	0.48	2.54			4.82	0.48
Continuous Dimming, 10L4' Fluorescent Fixtures	Health Care	82.66	17.61	2.89	1.00	0.78			0.00	0.00
Base Fluorescent Fixture, 2L8T12, 60W, 1EEMAG	Health Care	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
High Performance Lighting R/R - 50% Savings	Health Care	0.00	0.00	0.00	0.00	27.51			0.00	0.00
High Performance Lighting R/R - 25% Savings	Health Care	0.00	0.00	0.00	0.00	22.87			0.00	0.00
RET 2 - 1L4' Premium T8, 1EB, Reflector OEM	Health Care	0.00	0.00	0.00	0.00	22.60			0.00	0.00
RET 2 - 2L4' Premium T8, 1EB	Health Care	0.00	0.00	0.00	0.00	27.12			0.00	0.00
Occupancy Sensor, 4L8' Fluorescent Fixtures	Health Care	0.00	0.00	0.00	0.00	2.86			0.00	0.00
Continuous Dimming, 5L8' Fluorescent Fixtures	Health Care	0.00	0.00	0.00	0.00	0.79			0.00	0.00
Base Incandescent Flood, 75W to Screw-in CFL	Health Care	124.52	25.92	0.00	0.00	N/A	124.52	25.92	0.00	0.00
CFL Screw-in 18W	Health Care	80.89	16.84	43.63	9.08	111.69			43.63	9.08
Base Incandescent Flood, 75W to Hardwired CFL	Health Care	41.51	8.64	0.00	0.00	N/A	41.51	8.64	0.00	0.00
CFL Hardwired, Modular 18W	Health Care	26.96	5.61	14.54	3.03	76.23			14.54	3.03
Base High Bay Metal Halide, 400W	Health Care	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
High Performance Lighting R/R - 50% Savings	Health Care	0.00	0.00	0.00	0.00	28.29			0.00	0.00
High Performance Lighting R/R - 25% Savings	Health Care	0.00	0.00	0.00	0.00	23.52			0.00	0.00
High Bay T5	Health Care	0.00	0.00	0.00	0.00	30.36			0.00	0.00
Base 4L4T8, 1EB	Health Care	47.74	9.94	0.00	0.00	N/A	47.74	9.94	0.00	0.00
ROB 4L4' Premium T8, 1EB	Health Care	40.53	8.44	7.21	1.50	34.36			7.21	1.50
High Performance Lighting R/R - 50% Savings	Health Care	38.50	8.01	2.03	0.42	13.43			2.03	0.42
High Performance Lighting R/R - 25% Savings	Health Care	34.65	7.21	3.85	0.80	11.16			3.85	0.80
Lighting Control Tuneup	Health Care	34.14	7.18	0.51	0.03	6.82			0.51	0.03
Occupancy Sensor, 4L4' Fluorescent Fixtures	Health Care	30.64	6.45	3.50	0.73	5.44			3.50	0.73
Base 2L4T8, 1EB	Health Care	96.78	20.14	0.00	0.00	N/A	96.78	20.14	0.00	0.00
ROB 2L4' Premium T8, 1EB	Health Care	80.80	16.82	15.98	3.33	27.22			15.98	3.33
High Performance Lighting R/R - 50% Savings	Health Care	76.76	15.98	4.04	0.84	13.21			4.04	0.84
High Performance Lighting R/R - 25% Savings	Health Care	69.09	14.38	7.68	1.60	10.98			7.68	1.60
Lighting Control Tuneup	Health Care	68.81	14.36	0.28	0.02	6.89			0.28	0.02
Occupancy Sensor, 8L4' Fluorescent Fixtures	Health Care	63.37	14.00	5.44	0.37	3.57			5.44	0.37
Base Exit Sign	Health Care	3.93	0.82	0.00	0.00	N/A	3.93	0.82	0.00	0.00
LED Exit Sign	Health Care	0.79	0.16	3.14	0.65	4.43			3.14	0.65
Base Outdoor Mercury Vapor 400W Lamp	Health Care	23.91	0.78	0.00	0.00	N/A	23.91	0.78	0.00	0.00
Outdoor Lighting Controls (Photocell/Timeclock)	Health Care	23.47	0.78	0.44	0.00	14.01			0.44	0.00
High Pressure Sodium 250W Lamp	Health Care	17.34	0.58	6.13	0.20	5.53			6.13	0.20
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Health Care	70.71	41.05	0.00	0.00	N/A	70.71	41.05	0.00	0.00
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Health Care	67.29	39.81	3.41	1.24	4.74			3.41	1.24
VSD for Chiller Pumps and Towers	Health Care	66.03	39.35	1.27	0.46	2.65			1.27	0.46
High Performance HVAC R/R - 30%	Health Care	61.27	37.05	4.75	2.30	4.07			4.75	2.30
High Performance HVAC R/R - 40%	Health Care	60.75	36.79	0.53	0.25	1.13			0.53	0.25
EMS - Chiller	Health Care	60.24	36.50	0.50	0.29	5.71			0.50	0.29
EMS Optimization	Health Care	57.61	35.54	2.64	0.96	2.94			2.64	0.96
Chiller Tune Up/Diagnostics	Health Care	53.59	33.60	4.02	1.94	2.66			4.02	1.94
Window Film (Standard)	Health Care	53.42	33.50	0.17	0.10	1.09			0.17	0.10
Economizer	Health Care	53.01	33.35	0.41	0.15	0.98			0.00	0.00
Cool Roof - Chiller	Health Care	52.97	33.34	0.04	0.02	0.02			0.00	0.00
Base DX Packaged System, EER=10.3, 10 tons	Health Care	128.35	74.51	0.00	0.00	N/A	128.35	74.51	0.00	0.00
High Performance HVAC R/R - 30%	Health Care	119.11	70.04	9.24	4.47	7.56			9.24	4.47
High Performance HVAC R/R - 40%	Health Care	118.09	69.55	1.02	0.49	2.09			1.02	0.49
DX Tune Up/ Advanced Diagnostics	Health Care	105.90	62.91	12.19	6.63	5.85			12.19	6.63
DX Packaged System, EER=10.9, 10 tons	Health Care	103.57	62.07	2.33	0.85	1.49			2.33	0.85
Optimize Controls	Health Care	100.73	61.04	2.84	1.03	2.41			2.84	1.03
Prog. Thermostat - DX	Health Care	99.71	60.67	1.02	0.37	1.00			1.02	0.37
Window Film (Standard)	Health Care	99.40	60.49	0.31	0.18	0.85			0.00	0.00
Cool Roof - DX	Health Care	99.20	60.37	0.20	0.12	0.10			0.00	0.00
Economizer	Health Care	99.20	60.37	0.00	0.00	0.00			0.00	0.00
Base Fan Motor, 5hp, 1800rpm, 87.5%	Health Care	43.73	5.20	0.00	0.00	N/A	43.73	5.20	0.00	0.00
Fan Motor, 5hp, 1800rpm, 89.5%	Health Care	42.75	5.08	0.98	0.12	3.07			0.98	0.12
Variable Speed Drive Control, 5 HP	Health Care	41.04	5.02	1.71	0.07	1.20			1.71	0.07
Base Fan Motor, 15hp, 1800rpm, 91.0%	Health Care	39.87	4.74	0.00	0.00	N/A	39.87	4.74	0.00	0.00
Fan Motor, 15hp, 1800rpm, 92.4%	Health Care	39.27	4.67	0.60	0.07	3.62			0.60	0.07
Air Handler Optimization, 15 HP	Health Care	36.80	4.58	2.47	0.09	3.48			2.47	0.09

Base Fluorescent Fixture, 4L4'T12, 34W, 2EEMAG	Lodging	12.79	3.20	0.00	0.00	N/A	12.79	3.20	0.00	0.00
RET 2L4' Premium T8, 1EB, Reflector	Lodging	11.11	2.78	1.68	0.42	30.88			1.68	0.42
High Performance Lighting R/R - 50% Savings	Lodging	10.55	2.64	0.56	0.14	6.98			0.56	0.14
RET 4L4' Premium T8, 1EB	Lodging	7.99	2.00	2.56	0.64	38.71			2.56	0.64
High Performance Lighting R/R - 25% Savings	Lodging	7.19	1.80	0.80	0.20	4.40			0.80	0.20
Lighting Control Tuneup	Lodging	7.09	1.79	0.11	0.01	2.62			0.11	0.01
Occupancy Sensor, 4L4' Fluorescent Fixtures	Lodging	6.88	1.77	0.21	0.02	1.42			0.21	0.02
Continuous Dimming, 5L4' Fluorescent Fixtures	Lodging	6.26	1.51	0.62	0.26	0.42			0.00	0.00
Base Fluorescent Fixture, 2L4'T12, 34W, 1EEMAG	Lodging	3.29	0.82	0.00	0.00	N/A	3.29	0.82	0.00	0.00
High Performance Lighting R/R - 50% Savings	Lodging	3.12	0.78	0.16	0.04	8.74			0.16	0.04
RET 1L4' Premium T8, 1EB, Reflector OEM	Lodging	2.92	0.73	0.20	0.05	15.36			0.20	0.05
High Performance Lighting R/R - 25% Savings	Lodging	2.63	0.66	0.29	0.07	6.80			0.29	0.07
RET 2L4' Premium T8, 1EB	Lodging	1.91	0.48	0.72	0.18	14.84			0.72	0.18
Lighting Control Tuneup	Lodging	1.88	0.48	0.03	0.00	2.95			0.03	0.00
Occupancy Sensor, 8L4' Fluorescent Fixtures	Lodging	1.83	0.47	0.05	0.01	1.44			0.05	0.01
Continuous Dimming, 10L4' Fluorescent Fixtures	Lodging	1.66	0.40	0.16	0.07	0.47			0.00	0.00
Base Fluorescent Fixture, 2L8'T12, 60W, 1EEMAG	Lodging	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
High Performance Lighting R/R - 50% Savings	Lodging	0.00	0.00	0.00	0.00	10.15			0.00	0.00
RET 2 - 1L4' Premium T8, 1EB, Reflector OEM	Lodging	0.00	0.00	0.00	0.00	13.99			0.00	0.00
High Performance Lighting R/R - 25% Savings	Lodging	0.00	0.00	0.00	0.00	6.84			0.00	0.00
RET 2 - 2L4' Premium T8, 1EB	Lodging	0.00	0.00	0.00	0.00	15.11			0.00	0.00
Occupancy Sensor, 4L8' Fluorescent Fixtures	Lodging	0.00	0.00	0.00	0.00	1.56			0.00	0.00
Continuous Dimming, 5L8' Fluorescent Fixtures	Lodging	0.00	0.00	0.00	0.00	0.46			0.00	0.00
Base Incandescent Flood, 75W to Screw-in CFL	Lodging	104.57	26.21	0.00	0.00	N/A	104.57	26.21	0.00	0.00
CFL Screw-in 18W	Lodging	68.73	17.23	35.84	8.98	71.26			35.84	8.98
Base Incandescent Flood, 75W to Hardwired CFL	Lodging	34.86	8.74	0.00	0.00	N/A	34.86	8.74	0.00	0.00
CFL Hardwired, Modular 18W	Lodging	22.91	5.74	11.95	2.99	48.63			11.95	2.99
Base High Bay Metal Halide, 400W	Lodging	1.28	0.32	0.00	0.00	N/A	1.28	0.32	0.00	0.00
High Performance Lighting R/R - 50% Savings	Lodging	1.22	0.31	0.06	0.02	10.44			0.06	0.02
High Performance Lighting R/R - 25% Savings	Lodging	1.10	0.27	0.12	0.03	8.68			0.12	0.03
High Bay T5	Lodging	0.70	0.18	0.40	0.10	14.91			0.40	0.10
Base 4L4'T8, 1EB	Lodging	0.80	0.20	0.00	0.00	N/A	0.80	0.20	0.00	0.00
ROB 4L4' Premium T8, 1EB	Lodging	0.68	0.17	0.12	0.03	26.25			0.12	0.03
High Performance Lighting R/R - 50% Savings	Lodging	0.64	0.16	0.03	0.01	4.96			0.03	0.01
Occupancy Sensor, 4L4' Fluorescent Fixtures	Lodging	0.61	0.15	0.04	0.01	4.69			0.04	0.01
High Performance Lighting R/R - 25% Savings	Lodging	0.55	0.14	0.06	0.02	3.89			0.06	0.02
Lighting Control Tuneup	Lodging	0.54	0.14	0.01	0.00	2.32			0.01	0.00
Base 2L4'T8, 1EB	Lodging	3.66	0.92	0.00	0.00	N/A	3.66	0.92	0.00	0.00
ROB 2L4' Premium T8, 1EB	Lodging	3.06	0.77	0.60	0.15	20.79			0.60	0.15
Occupancy Sensor, 8L4' Fluorescent Fixtures	Lodging	2.93	0.76	0.13	0.01	3.13			0.13	0.01
High Performance Lighting R/R - 50% Savings	Lodging	2.78	0.72	0.15	0.04	4.66			0.15	0.04
High Performance Lighting R/R - 25% Savings	Lodging	2.50	0.65	0.28	0.07	3.88			0.28	0.07
Lighting Control Tuneup	Lodging	2.49	0.65	0.01	0.00	2.38			0.01	0.00
Base Exit Sign	Lodging	0.75	0.19	0.00	0.00	N/A	0.75	0.19	0.00	0.00
LED Exit Sign	Lodging	0.16	0.04	0.59	0.15	4.29			0.59	0.15
Base Outdoor Mercury Vapor 400W Lamp	Lodging	14.39	0.47	0.00	0.00	N/A	14.39	0.47	0.00	0.00
Outdoor Lighting Controls (Photocell/Timeclock)	Lodging	14.13	0.47	0.26	0.00	14.92			0.26	0.00
High Pressure Sodium 250W Lamp	Lodging	10.44	0.35	3.69	0.12	5.89			3.69	0.12
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Lodging	8.96	5.20	0.00	0.00	N/A	8.96	5.20	0.00	0.00
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Lodging	8.53	5.05	0.43	0.16	3.43			0.43	0.16
Window Film (Standard)	Lodging	8.22	4.87	0.31	0.18	8.42			0.31	0.18
High Performance HVAC R/R - 30%	Lodging	7.63	4.58	0.59	0.29	4.01			0.59	0.29
High Performance HVAC R/R - 40%	Lodging	7.57	4.55	0.07	0.03	1.11			0.07	0.03
VSD for Chiller Pumps and Towers	Lodging	7.42	4.50	0.14	0.05	1.70			0.14	0.05
EMS - Chiller	Lodging	7.36	4.46	0.06	0.04	3.98			0.06	0.04
EMS Optimization	Lodging	7.04	4.35	0.32	0.12	2.84			0.32	0.12
Chiller Tune Up/Diagnostics	Lodging	6.55	4.11	0.49	0.24	2.57			0.49	0.24
Economizer	Lodging	6.42	4.06	0.13	0.05	1.81			0.13	0.05
Cool Roof - Chiller	Lodging	6.41	4.06	0.01	0.00	0.01			0.00	0.00
Base DX Packaged System, EER=10.3, 10 tons	Lodging	68.24	39.62	0.00	0.00	N/A	68.24	39.62	0.00	0.00
High Performance HVAC R/R - 30%	Lodging	63.33	37.24	4.91	2.38	7.57			4.91	2.38
High Performance HVAC R/R - 40%	Lodging	62.79	36.98	0.54	0.26	2.09			0.54	0.26
Window Film (Standard)	Lodging	60.53	35.66	2.26	1.31	7.82			2.26	1.31
DX Tune Up/ Advanced Diagnostics	Lodging	54.28	32.26	6.25	3.40	5.65			6.25	3.40
DX Packaged System, EER=10.9, 10 tons	Lodging	53.08	31.83	1.20	0.43	1.30			1.20	0.43
Optimize Controls	Lodging	51.63	31.30	1.46	0.53	2.32			1.46	0.53
Prog. Thermostat - DX	Lodging	51.11	31.11	0.52	0.19	0.88			0.00	0.00
Economizer	Lodging	50.77	30.99	0.34	0.12	0.18			0.00	0.00
Cool Roof - DX	Lodging	50.67	30.93	0.10	0.06	0.06			0.00	0.00
Base Fan Motor, 5hp, 1800rpm, 87.5%	Lodging	10.90	1.30	0.00	0.00	N/A	10.90	1.30	0.00	0.00
Fan Motor, 5hp, 1800rpm, 89.5%	Lodging	10.65	1.27	0.24	0.03	0.46			0.00	0.00
Variable Speed Drive Control, 5 HP	Lodging	10.57	1.26	0.09	0.00	0.18			0.00	0.00
Base Fan Motor, 15hp, 1800rpm, 91.0%	Lodging	2.66	0.32	0.00	0.00	N/A	2.66	0.32	0.00	0.00
Air Handler Optimization, 15 HP	Lodging	2.49	0.31	0.17	0.01	1.35			0.17	0.01
Fan Motor, 15hp, 1800rpm, 92.4%	Lodging	2.45	0.30	0.04	0.00	0.51			0.00	0.00

Base Fluorescent Fixture, 4L4T12, 34W, 2EEMAG	Other	176.17	44.15	0.00	0.00	N/A	176.17	44.15	0.00	0.00
High Performance Lighting R/R - 50% Savings	Other	167.36	41.94	8.81	2.21	11.16			8.81	2.21
High Performance Lighting R/R - 25% Savings	Other	150.62	37.75	16.74	4.19	9.27			16.74	4.19
RET 2L4' Premium T8, 1EB, Reflector	Other	130.83	32.79	19.80	4.96	23.46			19.80	4.96
Lighting Control Tuneup	Other	129.62	32.69	1.20	0.10	4.80			1.20	0.10
RET 4L4' Premium T8, 1EB	Other	98.19	24.81	31.43	7.88	30.66			31.43	7.88
Occupancy Sensor, 4L4' Fluorescent Fixtures	Other	95.33	24.47	2.86	0.34	1.27			2.86	0.34
Continuous Dimming, 5L4' Fluorescent Fixtures	Other	86.75	20.89	8.58	3.58	0.37			0.00	0.00
Base Fluorescent Fixture, 2L4T12, 34W, 1EEMAG	Other	32.49	8.14	0.00	0.00	N/A	32.49	8.14	0.00	0.00
High Performance Lighting R/R - 50% Savings	Other	30.87	7.74	1.62	0.41	12.14			1.62	0.41
High Performance Lighting R/R - 25% Savings	Other	27.78	6.96	3.09	0.77	10.09			3.09	0.77
Lighting Control Tuneup	Other	27.52	6.94	0.26	0.02	6.01			0.26	0.02
RET 1L4' Premium T8, 1EB, Reflector OEM	Other	25.75	6.50	1.77	0.44	12.17			1.77	0.44
RET 2L4' Premium T8, 1EB	Other	18.73	4.74	7.03	1.76	13.07			7.03	1.76
Occupancy Sensor, 8L4' Fluorescent Fixtures	Other	18.18	4.67	0.55	0.07	1.29			0.55	0.07
Continuous Dimming, 10L4' Fluorescent Fixtures	Other	16.55	3.99	1.64	0.68	0.42			0.00	0.00
Base Fluorescent Fixture, 2L8T12, 60W, 1EEMAG	Other	22.49	5.64	0.00	0.00	N/A	22.49	5.64	0.00	0.00
High Performance Lighting R/R - 50% Savings	Other	21.36	5.35	1.12	0.28	14.09			1.12	0.28
High Performance Lighting R/R - 25% Savings	Other	19.22	4.82	2.14	0.54	11.71			2.14	0.54
RET 2 - 1L4' Premium T8, 1EB, Reflector OEM	Other	15.57	3.90	3.66	0.92	11.59			3.66	0.92
RET 2 - 2L4' Premium T8, 1EB	Other	12.75	3.20	2.81	0.70	13.91			2.81	0.70
Occupancy Sensor, 4L8' Fluorescent Fixtures	Other	12.38	3.15	0.37	0.04	1.44			0.37	0.04
Continuous Dimming, 5L8' Fluorescent Fixtures	Other	11.27	2.69	1.11	0.47	0.42			0.00	0.00
Base Incandescent Flood, 75W to Screw-in CFL	Other	152.51	38.22	0.00	0.00	N/A	152.51	38.22	0.00	0.00
CFL Screw-in 18W	Other	54.19	13.58	98.32	24.64	26.61			98.32	24.64
Base Incandescent Flood, 75W to Hardwired CFL	Other	50.84	12.74	0.00	0.00	N/A	50.84	12.74	0.00	0.00
CFL Hardwired, Modular 18W	Other	18.06	4.53	32.77	8.21	18.16			32.77	8.21
Base High Bay Metal Halide, 400W	Other	18.51	4.64	0.00	0.00	N/A	18.51	4.64	0.00	0.00
High Performance Lighting R/R - 50% Savings	Other	17.58	4.41	0.93	0.23	14.49			0.93	0.23
High Performance Lighting R/R - 25% Savings	Other	15.82	3.97	1.76	0.44	12.05			1.76	0.44
High Bay T5	Other	10.10	2.53	5.72	1.43	15.57			5.72	1.43
Base 4L4T8, 1EB	Other	5.65	1.42	0.00	0.00	N/A	5.65	1.42	0.00	0.00
ROB 4L4' Premium T8, 1EB	Other	4.80	1.20	0.85	0.21	17.62			0.85	0.21
High Performance Lighting R/R - 50% Savings	Other	4.56	1.14	0.24	0.06	6.88			0.24	0.06
High Performance Lighting R/R - 25% Savings	Other	4.10	1.03	0.46	0.11	5.72			0.46	0.11
Lighting Control Tuneup	Other	4.06	1.03	0.04	0.00	3.41			0.04	0.00
Occupancy Sensor, 4L4' Fluorescent Fixtures	Other	3.84	0.97	0.23	0.06	2.81			0.23	0.06
Base 2L4T8, 1EB	Other	12.90	3.23	0.00	0.00	N/A	12.90	3.23	0.00	0.00
ROB 2L4' Premium T8, 1EB	Other	10.77	2.70	2.13	0.53	13.96			2.13	0.53
High Performance Lighting R/R - 50% Savings	Other	10.23	2.56	0.54	0.13	6.77			0.54	0.13
High Performance Lighting R/R - 25% Savings	Other	9.21	2.31	1.02	0.26	5.62			1.02	0.26
Lighting Control Tuneup	Other	9.18	2.31	0.02	0.00	3.44			0.02	0.00
Occupancy Sensor, 8L4' Fluorescent Fixtures	Other	8.79	2.27	0.40	0.03	1.79			0.40	0.03
Base Exit Sign	Other	1.62	0.41	0.00	0.00	N/A	1.62	0.41	0.00	0.00
LED Exit Sign	Other	0.32	0.08	1.29	0.32	4.60			1.29	0.32
Base Outdoor Mercury Vapor 400W Lamp	Other	97.01	3.15	0.00	0.00	N/A	97.01	3.15	0.00	0.00
Outdoor Lighting Controls (Photocell/Timeclock)	Other	95.23	3.15	1.78	0.00	14.53			1.78	0.00
High Pressure Sodium 250W Lamp	Other	70.37	2.34	24.86	0.81	5.74			24.86	0.81
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Other	10.19	5.91	0.00	0.00	N/A	10.19	5.91	0.00	0.00
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Other	9.70	5.74	0.49	0.18	5.83			0.49	0.18
VSD for Chiller Pumps and Towers	Other	9.51	5.67	0.18	0.07	3.26			0.18	0.07
EMS - Chiller	Other	9.43	5.62	0.08	0.05	7.62			0.08	0.05
High Performance HVAC R/R - 30%	Other	8.76	5.30	0.68	0.33	2.98			0.68	0.33
High Performance HVAC R/R - 40%	Other	8.68	5.26	0.08	0.04	0.82			0.00	0.00
EMS Optimization	Other	8.30	5.12	0.38	0.14	2.17			0.38	0.14
Chiller Tune Up/Diagnostics	Other	7.72	4.84	0.58	0.28	1.96			0.58	0.28
Window Film (Standard)	Other	7.60	4.77	0.12	0.07	1.35			0.12	0.07
Cool Roof - Chiller	Other	7.42	4.71	0.18	0.07	0.26			0.00	0.00
Economizer	Other	7.42	4.71	0.00	0.00	0.00			0.00	0.00
Base DX Packaged System, EER=10.3, 10 tons	Other	229.52	133.24	0.00	0.00	N/A	229.52	133.24	0.00	0.00
DX Packaged System, EER=10.9, 10 tons	Other	224.47	131.41	5.05	1.83	4.96			5.05	1.83
High Performance HVAC R/R - 30%	Other	208.31	123.59	16.16	7.82	5.46			16.16	7.82
High Performance HVAC R/R - 40%	Other	206.52	122.73	1.79	0.86	1.51			1.79	0.86
DX Tune Up/ Advanced Diagnostics	Other	185.21	111.12	21.32	11.60	4.22			21.32	11.60
Prog. Thermostat - DX	Other	183.34	110.45	1.87	0.68	2.83			1.87	0.68
Window Film (Standard)	Other	180.52	108.81	2.82	1.64	2.43			2.82	1.64
Optimize Controls	Other	175.57	107.01	4.95	1.80	1.73			4.95	1.80
Cool Roof - DX	Other	164.96	100.85	10.61	6.16	1.44			10.61	6.16
Economizer	Other	163.04	100.16	1.92	0.70	0.13			0.00	0.00
Base Fan Motor, 5hp, 1800rpm, 87.5%	Other	77.78	9.25	0.00	0.00	N/A	77.78	9.25	0.00	0.00
Fan Motor, 5hp, 1800rpm, 89.5%	Other	76.04	9.04	1.74	0.21	2.24			1.74	0.21
Variable Speed Drive Control, 5 HP	Other	74.27	8.97	1.77	0.07	0.88			0.00	0.00
Base Fan Motor, 15hp, 1800rpm, 91.0%	Other	24.17	2.87	0.00	0.00	N/A	24.17	2.87	0.00	0.00
Fan Motor, 15hp, 1800rpm, 92.4%	Other	23.80	2.83	0.37	0.04	2.65			0.37	0.04
Air Handler Optimization, 15 HP	Other	22.31	2.77	1.50	0.06	2.48			1.50	0.06

Commercial New Construction

Measure	Building Type	Total GWH	Total MW	GWH Savings	MW Savings	Total Resource					
						Cost	Test	Base GWH	Base MW	Economic GWH	Economic MW
Base Bldg Design - 30%	Office	34.07	6.65	0.00	0.00	N/A		34.07	6.65	0.00	0.00
High Performance Building/Int Design - Tier 1 30%	Office	23.85	4.66	10.22	2.00	16.74				10.22	2.00
Base Bldg Design - 50%	Office	17.04	3.33	0.00	0.00	N/A		17.04	3.33	0.00	0.00
High Performance Building/Int Design - Tier 1 50%	Office	8.52	1.66	8.52	1.66	13.95				8.52	1.66
Base Bldg Design - 70%	Office	5.68	1.11	0.00	0.00	N/A		5.68	1.11	0.00	0.00
Near Zero Energy (60-75%)	Office	1.70	0.33	3.98	0.78	6.51				3.98	0.78
Base Bldg Design - 30%	Restaurant	14.18	2.77	0.00	0.00	N/A		14.18	2.77	0.00	0.00
High Performance Building/Int Design - Tier 1 30%	Restaurant	9.93	1.94	4.25	0.83	37.17				4.25	0.83
Base Bldg Design - 50%	Restaurant	7.09	1.38	0.00	0.00	N/A		7.09	1.38	0.00	0.00
High Performance Building/Int Design - Tier 1 50%	Restaurant	3.55	0.69	3.55	0.69	30.97				3.55	0.69
Base Bldg Design - 70%	Restaurant	2.36	0.46	0.00	0.00	N/A		2.36	0.46	0.00	0.00
Near Zero Energy (60-75%)	Restaurant	0.71	0.14	1.65	0.32	14.45				1.65	0.32
Base Bldg Design - 30%	Grocery	27.36	5.34	0.00	0.00	N/A		27.36	5.34	0.00	0.00
High Performance Building/Int Design - Tier 1 30%	Grocery	19.15	3.74	8.21	1.60	47.81				8.21	1.60
Base Bldg Design - 50%	Grocery	13.68	2.67	0.00	0.00	N/A		13.68	2.67	0.00	0.00
High Performance Building/Int Design - Tier 1 50%	Grocery	6.84	1.34	6.84	1.34	39.84				6.84	1.34
Base Bldg Design - 70%	Grocery	4.56	0.89	0.00	0.00	N/A		4.56	0.89	0.00	0.00
Near Zero Energy (60-75%)	Grocery	1.37	0.27	3.19	0.62	18.59				3.19	0.62
Base Bldg Design - 30%	Retail	13.20	2.58	0.00	0.00	N/A		13.20	2.58	0.00	0.00
High Performance Building/Int Design - Tier 1 30%	Retail	9.24	1.80	3.96	0.77	13.84				3.96	0.77
Base Bldg Design - 50%	Retail	6.60	1.29	0.00	0.00	N/A		6.60	1.29	0.00	0.00
High Performance Building/Int Design - Tier 1 50%	Retail	3.30	0.64	3.30	0.64	11.53				3.30	0.64
Base Bldg Design - 70%	Retail	2.20	0.43	0.00	0.00	N/A		2.20	0.43	0.00	0.00
Near Zero Energy (60-75%)	Retail	0.66	0.13	1.54	0.30	5.38				1.54	0.30
Base Bldg Design - 30%	Warehouse	1.87	0.37	0.00	0.00	N/A		1.87	0.37	0.00	0.00
High Performance Building/Int Design - Tier 1 30%	Warehouse	1.31	0.26	0.56	0.11	7.36				0.56	0.11
Base Bldg Design - 50%	Warehouse	0.94	0.18	0.00	0.00	N/A		0.94	0.18	0.00	0.00
High Performance Building/Int Design - Tier 1 50%	Warehouse	0.47	0.09	0.47	0.09	6.13				0.47	0.09
Base Bldg Design - 70%	Warehouse	0.31	0.06	0.00	0.00	N/A		0.31	0.06	0.00	0.00
Near Zero Energy (60-75%)	Warehouse	0.09	0.02	0.22	0.04	2.86				0.22	0.04
Base Bldg Design - 30%	Education	6.77	1.32	0.00	0.00	N/A		6.77	1.32	0.00	0.00
High Performance Building/Int Design - Tier 1 30%	Education	4.74	0.93	2.03	0.40	10.65				2.03	0.40
Base Bldg Design - 50%	Education	3.39	0.66	0.00	0.00	N/A		3.39	0.66	0.00	0.00
High Performance Building/Int Design - Tier 1 50%	Education	1.69	0.33	1.69	0.33	8.87				1.69	0.33
Base Bldg Design - 70%	Education	1.13	0.22	0.00	0.00	N/A		1.13	0.22	0.00	0.00
Near Zero Energy (60-75%)	Education	0.34	0.07	0.79	0.15	4.14				0.79	0.15
Base Bldg Design - 30%	Health Care	12.68	2.48	0.00	0.00	N/A		12.68	2.48	0.00	0.00
High Performance Building/Int Design - Tier 1 30%	Health Care	8.88	1.73	3.81	0.74	22.16				3.81	0.74
Base Bldg Design - 50%	Health Care	6.34	1.24	0.00	0.00	N/A		6.34	1.24	0.00	0.00
High Performance Building/Int Design - Tier 1 50%	Health Care	3.17	0.62	3.17	0.62	18.47				3.17	0.62
Base Bldg Design - 70%	Health Care	2.11	0.41	0.00	0.00	N/A		2.11	0.41	0.00	0.00
Near Zero Energy (60-75%)	Health Care	0.63	0.12	1.48	0.29	8.62				1.48	0.29
Base Bldg Design - 30%	Lodging	2.49	0.49	0.00	0.00	N/A		2.49	0.49	0.00	0.00
High Performance Building/Int Design - Tier 1 30%	Lodging	1.74	0.34	0.75	0.15	13.07				0.75	0.15
Base Bldg Design - 50%	Lodging	1.25	0.24	0.00	0.00	N/A		1.25	0.24	0.00	0.00
High Performance Building/Int Design - Tier 1 50%	Lodging	0.62	0.12	0.62	0.12	10.89				0.62	0.12
Base Bldg Design - 70%	Lodging	0.42	0.08	0.00	0.00	N/A		0.42	0.08	0.00	0.00
Near Zero Energy (60-75%)	Lodging	0.12	0.02	0.29	0.06	5.08				0.29	0.06
Base Bldg Design - 30%	Other	16.62	3.24	0.00	0.00	N/A		16.62	3.24	0.00	0.00
High Performance Building/Int Design - Tier 1 30%	Other	11.63	2.27	4.99	0.97	21.78				4.99	0.97
Base Bldg Design - 50%	Other	8.31	1.62	0.00	0.00	N/A		8.31	1.62	0.00	0.00
High Performance Building/Int Design - Tier 1 50%	Other	4.15	0.81	4.15	0.81	18.15				4.15	0.81
Base Bldg Design - 70%	Other	2.77	0.54	0.00	0.00	N/A		2.77	0.54	0.00	0.00
Near Zero Energy (60-75%)	Other	0.83	0.16	1.94	0.38	8.47				1.94	0.38

Industrial

Measure	Building Type	Total GWH	Total MW	GWH Savings	MW Savings	Total Cost TRC	Total Resource			
							Base GWH	Base MW	Economic GWH	Economic MW
Base Compressed Air	Food	19.88	3.79	0.00	0.00	N/A	19.88	3.79	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Food	16.01	3.37	3.86	0.41	17.19			3.86	0.41
Compressed Air - Sizing - 20% energy savings	Food	14.17	3.02	1.84	0.35	17.73			1.84	0.35
Compressed Air-O&M - 15% energy savings	Food	12.13	2.64	2.03	0.39	12.89			2.03	0.39
Comp Air - ASD (6-100 hp)	Food	11.95	2.63	0.19	0.00	10.75			0.19	0.00
Compressed Air - System Optimization - 50% energy savings	Food	10.55	2.48	1.40	0.15	3.98			1.40	0.15
Compressed Air - Controls - 15% energy savings	Food	9.94	2.47	0.61	0.01	3.37			0.61	0.01
Comp Air - Motor practices-1 (6-100 HP)	Food	9.86	2.45	0.08	0.02	2.73			0.08	0.02
Comp Air - Motor practices-1 (100+ HP)	Food	9.77	2.44	0.08	0.02	2.69			0.08	0.02
Comp Air - ASD (100+ hp)	Food	9.52	2.43	0.25	0.01	2.45			0.25	0.01
Comp Air - Motor practices-1 (1-5 HP)	Food	9.50	2.43	0.02	0.00	1.77			0.02	0.00
Comp Air - Replace 100+ HP motor	Food	9.43	2.41	0.07	0.01	1.32			0.07	0.01
Comp Air - Replace 1-5 HP motor	Food	9.41	2.41	0.02	0.00	0.83			0.00	0.00
Generic Compressed Air Improvements 20%	Food	8.85	2.30	0.56	0.11	0.72			0.00	0.00
Comp Air - Replace 6-100 HP motor	Food	8.78	2.29	0.07	0.01	0.64			0.00	0.00
Generic Compressed Air Improvements 30%	Food	8.60	2.25	0.17	0.03	0.27			0.00	0.00
Comp Air - ASD (1-5 hp)	Food	8.59	2.25	0.01	0.00	0.34			0.00	0.00
Base Fans	Food	21.76	4.15	0.00	0.00	N/A	21.76	4.15	0.00	0.00
Fans - O&M - 10% savings	Food	19.68	3.75	2.08	0.40	79.21			2.08	0.40
Fans- Improve components - 20% savings	Food	16.28	3.10	3.40	0.65	17.61			3.40	0.65
Fans - Controls - 40% savings	Food	12.45	3.01	3.83	0.09	2.40			3.83	0.09
Fans - Motor practices-1 (6-100 HP)	Food	12.35	2.99	0.11	0.02	3.12			0.11	0.02
Fans - ASD (6-100 hp)	Food	12.30	2.99	0.04	0.00	2.41			0.04	0.00
Fans - System Optimization - 25% savings	Food	10.19	2.76	2.11	0.23	2.15			2.11	0.23
Fans - Motor practices-1 (1-5 HP)	Food	10.17	2.76	0.02	0.00	1.73			0.02	0.00
Fans - ASD (100+ hp)	Food	10.00	2.75	0.17	0.01	1.51			0.17	0.01
Fans - Motor practices-1 (100+ HP)	Food	9.96	2.73	0.04	0.02	1.41			0.04	0.02
Fans - Replace 100+ HP motor	Food	9.89	2.72	0.07	0.01	1.27			0.07	0.01
Fans - System Optimization - 40% savings	Food	9.09	2.64	0.80	0.09	0.55			0.00	0.00
Fans - Replace 1-5 HP motor	Food	9.07	2.63	0.02	0.00	0.73			0.00	0.00
Fans - Replace 6-100 HP motor	Food	9.02	2.62	0.05	0.01	0.48			0.00	0.00
Fans - ASD (1-5 hp)	Food	9.00	2.62	0.01	0.00	0.33			0.00	0.00
Base Pumps	Food	38.30	7.30	0.00	0.00	N/A	38.30	7.30	0.00	0.00
Pumps - O&M - 10% savings	Food	34.64	6.60	3.66	0.70	24.05			3.66	0.70
Pumps - Controls - 40% savings	Food	29.78	6.49	4.86	0.11	9.34			4.86	0.11
Pumps - ASD (6-100 hp)	Food	29.31	6.47	0.47	0.01	13.68			0.47	0.01
Pumps - Sizing - 20% savings	Food	28.05	5.94	1.26	0.53	5.23			1.26	0.53
Pumps - System Optimization - 30% savings	Food	22.60	5.36	5.45	0.58	3.04			5.45	0.58
Pumps - Motor practices-1 (6-100 HP)	Food	22.42	5.32	0.18	0.04	3.22			0.18	0.04
Pumps - Motor practices-1 (100+ HP)	Food	22.23	5.29	0.19	0.04	3.17			0.19	0.04
Pumps - ASD (100+ hp)	Food	21.65	5.27	0.58	0.01	2.89			0.58	0.01
Pumps - System Optimization - 50% savings	Food	19.11	5.00	2.54	0.27	0.91			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Food	19.07	4.99	0.04	0.01	1.85			0.04	0.01
Pumps - Replace 100+ HP motor	Food	18.93	4.97	0.14	0.03	1.38			0.14	0.03
Pumps - Replace 1-5 HP motor	Food	18.89	4.96	0.05	0.01	0.86			0.00	0.00
Generic Pump Improvements 20%	Food	17.75	4.74	1.13	0.22	0.76			0.00	0.00
Pumps - Replace 6-100 HP motor	Food	17.61	4.72	0.14	0.03	0.67			0.00	0.00
Generic Pump Improvements 30%	Food	17.27	4.65	0.34	0.07	0.28			0.00	0.00
Pumps - ASD (1-5 hp)	Food	17.24	4.65	0.03	0.00	0.35			0.00	0.00
Base Drives	Food	36.80	7.01	0.00	0.00	N/A	36.80	7.01	0.00	0.00
Bakery - Process (Mixing) - O&M	Food	34.14	6.50	2.66	0.51	24.67			2.66	0.51
Generic Drives Improvements 20%	Food	31.41	5.98	2.73	0.52	1.42			2.73	0.52
Generic Drives Improvements 30%	Food	30.59	5.83	0.82	0.16	0.52			0.00	0.00
Base Heating	Food	7.01	0.22	0.00	0.00	N/A	7.01	0.22	0.00	0.00
Bakery - Process	Food	5.96	0.19	1.05	0.03	13.32			1.05	0.03
Base Refrigeration	Food	60.20	7.65	0.00	0.00	N/A	60.20	7.65	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Food	51.55	6.55	8.64	1.10	22.12			8.64	1.10
Optimization Refrigeration - 25% savings	Food	42.26	5.37	9.30	1.18	2.96			9.30	1.18
Optimization Refrigeration - 50% savings	Food	36.87	4.68	5.39	0.68	1.29			5.39	0.68
Base Other Process	Food	0.93	0.18	0.00	0.00	N/A	0.93	0.18	0.00	0.00
Generic Process Improvement 20%	Food	0.88	0.17	0.05	0.01	1.15			0.05	0.01
Generic Process Improvement 30%	Food	0.87	0.17	0.01	0.00	0.43			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Food	7.30	4.97	0.00	0.00	N/A	7.30	4.97	0.00	0.00
Chiller Tune Up/Diagnostics	Food	7.20	4.90	0.10	0.08	6.24			0.10	0.08
Cooling Circ. Pumps - VSD	Food	6.96	4.73	0.25	0.17	5.56			0.25	0.17
EMS - Chiller	Food	6.50	4.42	0.46	0.31	4.88			0.46	0.31
Window Film - Chiller	Food	6.23	4.24	0.27	0.18	3.17			0.27	0.18
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Food	6.05	4.16	0.18	0.08	2.03			0.18	0.08
Cool Roof - Chiller	Food	5.87	4.04	0.18	0.12	1.35			0.18	0.12
Base DX Packaged System, EER=10.3, 10 tons	Food	10.31	7.02	0.00	0.00	N/A	10.31	7.02	0.00	0.00
Prog. Thermostat - DX	Food	10.16	6.96	0.14	0.06	21.08			0.14	0.06

Base Compressed Air	Textiles-Apparel	3.55	0.60	0.00	0.00	N/A	3.55	0.60	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Textiles-Apparel	2.86	0.53	0.69	0.07	16.94			0.69	0.07
Compressed Air - Sizing - 20% energy savings	Textiles-Apparel	2.53	0.48	0.33	0.06	17.33			0.33	0.06
Compressed Air-O&M - 15% energy savings	Textiles-Apparel	2.17	0.42	0.36	0.06	12.60			0.36	0.06
Comp Air - ASD (6-100 hp)	Textiles-Apparel	2.13	0.41	0.03	0.00	10.71			0.03	0.00
Compressed Air - System Optimization - 50% energy savings	Textiles-Apparel	1.88	0.39	0.25	0.02	3.93			0.25	0.02
Compressed Air - Controls - 15% energy savings	Textiles-Apparel	1.78	0.39	0.11	0.00	3.36			0.11	0.00
Comp Air - Motor practices-1 (6-100 HP)	Textiles-Apparel	1.76	0.39	0.01	0.00	2.67			0.01	0.00
Comp Air - Motor practices-1 (100+ HP)	Textiles-Apparel	1.75	0.38	0.01	0.00	2.62			0.01	0.00
Comp Air - ASD (100+ hp)	Textiles-Apparel	1.70	0.38	0.04	0.00	2.44			0.04	0.00
Comp Air - Motor practices-1 (1-5 HP)	Textiles-Apparel	1.70	0.38	0.00	0.00	1.73			0.00	0.00
Comp Air - Replace 100+ HP motor	Textiles-Apparel	1.69	0.38	0.01	0.00	1.29			0.01	0.00
Comp Air - Replace 1-5 HP motor	Textiles-Apparel	1.68	0.38	0.00	0.00	0.81			0.00	0.00
Generic Compressed Air Improvements 20%	Textiles-Apparel	1.58	0.36	0.10	0.02	0.71			0.00	0.00
Comp Air - Replace 6-100 HP motor	Textiles-Apparel	1.57	0.36	0.01	0.00	0.63			0.00	0.00
Generic Compressed Air Improvements 30%	Textiles-Apparel	1.54	0.36	0.03	0.01	0.26			0.00	0.00
Comp Air - ASD (1-5 hp)	Textiles-Apparel	1.54	0.36	0.00	0.00	0.34			0.00	0.00
Base Fans	Textiles-Apparel	7.48	1.26	0.00	0.00	N/A	7.48	1.26	0.00	0.00
Fans - O&M - 10% savings	Textiles-Apparel	6.76	1.14	0.71	0.12	77.42			0.71	0.12
Fans- Improve components - 20% savings	Textiles-Apparel	5.59	0.94	1.17	0.20	17.22			1.17	0.20
Fans - Controls - 40% savings	Textiles-Apparel	4.28	0.91	1.32	0.03	2.39			1.32	0.03
Fans - Motor practices-1 (6-100 HP)	Textiles-Apparel	4.24	0.91	0.04	0.01	3.05			0.04	0.01
Fans - ASD (6-100 hp)	Textiles-Apparel	4.23	0.91	0.02	0.00	2.37			0.02	0.00
Fans - System Optimization - 25% savings	Textiles-Apparel	3.50	0.84	0.73	0.07	2.12			0.73	0.07
Fans - Motor practices-1 (1-5 HP)	Textiles-Apparel	3.49	0.84	0.01	0.00	1.69			0.01	0.00
Fans - ASD (100+ hp)	Textiles-Apparel	3.43	0.83	0.06	0.00	1.50			0.06	0.00
Fans - Motor practices-1 (100+ HP)	Textiles-Apparel	3.42	0.83	0.01	0.00	1.35			0.01	0.00
Fans - Replace 100+ HP motor	Textiles-Apparel	3.40	0.83	0.02	0.00	1.24			0.02	0.00
Fans - System Optimization - 40% savings	Textiles-Apparel	3.12	0.80	0.27	0.03	0.54			0.00	0.00
Fans - Replace 1-5 HP motor	Textiles-Apparel	3.12	0.80	0.01	0.00	0.71			0.00	0.00
Fans - Replace 6-100 HP motor	Textiles-Apparel	3.10	0.79	0.02	0.00	0.46			0.00	0.00
Fans - ASD (1-5 hp)	Textiles-Apparel	3.09	0.79	0.00	0.00	0.33			0.00	0.00
Base Pumps	Textiles-Apparel	10.00	1.68	0.00	0.00	N/A	10.00	1.68	0.00	0.00
Pumps - O&M - 10% savings	Textiles-Apparel	9.05	1.52	0.96	0.16	23.50			0.96	0.16
Pumps - Controls - 40% savings	Textiles-Apparel	7.78	1.50	1.27	0.03	9.31			1.27	0.03
Pumps - ASD (6-100 hp)	Textiles-Apparel	7.66	1.49	0.12	0.00	13.63			0.12	0.00
Pumps - Sizing - 20% savings	Textiles-Apparel	7.33	1.37	0.33	0.12	5.03			0.33	0.12
Pumps - System Optimization - 30% savings	Textiles-Apparel	5.90	1.24	1.42	0.13	3.00			1.42	0.13
Pumps - Motor practices-1 (6-100 HP)	Textiles-Apparel	5.86	1.23	0.05	0.01	3.15			0.05	0.01
Pumps - Motor practices-1 (100+ HP)	Textiles-Apparel	5.81	1.22	0.05	0.01	3.10			0.05	0.01
Pumps - ASD (100+ hp)	Textiles-Apparel	5.66	1.22	0.15	0.00	2.88			0.15	0.00
Pumps - System Optimization - 50% savings	Textiles-Apparel	4.99	1.15	0.66	0.06	0.90			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Textiles-Apparel	4.98	1.15	0.01	0.00	1.80			0.01	0.00
Pumps - Replace 100+ HP motor	Textiles-Apparel	4.94	1.15	0.04	0.01	1.35			0.04	0.01
Pumps - Replace 1-5 HP motor	Textiles-Apparel	4.93	1.14	0.01	0.00	0.84			0.00	0.00
Generic Pump Improvements 20%	Textiles-Apparel	4.64	1.09	0.30	0.05	0.74			0.00	0.00
Pumps - Replace 6-100 HP motor	Textiles-Apparel	4.60	1.09	0.04	0.01	0.65			0.00	0.00
Generic Pump Improvements 30%	Textiles-Apparel	4.51	1.07	0.09	0.02	0.27			0.00	0.00
Pumps - ASD (1-5 hp)	Textiles-Apparel	4.50	1.07	0.01	0.00	0.35			0.00	0.00
Base Drives	Textiles-Apparel	34.24	5.76	0.00	0.00	N/A	34.24	5.76	0.00	0.00
O&M/drives spinning machines	Textiles-Apparel	32.79	5.52	1.45	0.24	6.49			1.45	0.24
Generic Drives Improvements 20%	Textiles-Apparel	30.17	5.07	2.62	0.44	1.43			2.62	0.44
Generic Drives Improvements 30%	Textiles-Apparel	29.38	4.94	0.78	0.13	0.52			0.00	0.00
Base Heating	Textiles-Apparel	9.02	0.25	0.00	0.00	N/A	9.02	0.25	0.00	0.00
Drying (UV/IR)	Textiles-Apparel	8.44	0.24	0.58	0.01	3.29			0.58	0.01
Base Refrigeration	Textiles-Apparel	7.68	0.86	0.00	0.00	N/A	7.68	0.86	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Textiles-Apparel	6.58	0.74	1.10	0.12	21.74			1.10	0.12
Optimization Refrigeration - 25% savings	Textiles-Apparel	5.39	0.60	1.19	0.13	2.91			1.19	0.13
Optimization Refrigeration - 50% savings	Textiles-Apparel	4.71	0.53	0.69	0.08	1.27			0.69	0.08
Base Other Process	Textiles-Apparel	0.50	0.08	0.00	0.00	N/A	0.50	0.08	0.00	0.00
Generic Process Improvement 20%	Textiles-Apparel	0.47	0.08	0.03	0.00	1.13			0.03	0.00
Generic Process Improvement 30%	Textiles-Apparel	0.46	0.08	0.01	0.00	0.43			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Textiles-Apparel	9.58	6.53	0.00	0.00	N/A	9.58	6.53	0.00	0.00
Chiller Tune Up/Diagnostics	Textiles-Apparel	9.45	6.43	0.13	0.10	6.24			0.13	0.10
Cooling Circ. Pumps - VSD	Textiles-Apparel	9.13	6.21	0.32	0.22	5.56			0.32	0.22
EMS - Chiller	Textiles-Apparel	8.53	5.80	0.60	0.41	4.88			0.60	0.41
Window Film - Chiller	Textiles-Apparel	8.18	5.56	0.35	0.24	3.17			0.35	0.24
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Textiles-Apparel	7.94	5.46	0.24	0.10	2.03			0.24	0.10
Cool Roof - Chiller	Textiles-Apparel	7.70	5.30	0.23	0.16	1.35			0.23	0.16
Base DX Packaged System, EER=10.3, 10 tons	Textiles-Apparel	5.96	4.06	0.00	0.00	N/A	5.96	4.06	0.00	0.00
Prog. Thermostat - DX	Textiles-Apparel	5.88	4.02	0.08	0.04	21.08			0.08	0.04
Window Film - DX	Textiles-Apparel	5.73	3.92	0.15	0.10	6.15			0.15	0.10
DX Tune Up/ Advanced Diagnostics	Textiles-Apparel	5.40	3.70	0.33	0.22	4.28			0.33	0.22
DX Packaged System, EER=10.9, 10 tons	Textiles-Apparel	5.32	3.67	0.07	0.03	3.60			0.07	0.03
Cool Roof - DX	Textiles-Apparel	5.16	3.55	0.16	0.11	2.50			0.16	0.11

Base Compressed Air	Lumber-Furniture	5.20	1.54	0.00	0.00	N/A	5.20	1.54	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Lumber-Furniture	4.19	1.37	1.01	0.17	18.33			1.01	0.17
Compressed Air - Sizing - 20% energy savings	Lumber-Furniture	3.70	1.23	0.48	0.14	19.61			0.48	0.14
Compressed Air-O&M - 15% energy savings	Lumber-Furniture	3.17	1.07	0.53	0.16	14.26			0.53	0.16
Comp Air - ASD (6-100 hp)	Lumber-Furniture	3.12	1.07	0.05	0.00	10.93			0.05	0.00
Compressed Air - System Optimization - 50% energy savings	Lumber-Furniture	2.76	1.01	0.37	0.06	4.25			0.37	0.06
Compressed Air - Controls - 15% energy savings	Lumber-Furniture	2.60	1.00	0.16	0.01	3.43			0.16	0.01
Comp Air - Motor practices-1 (6-100 HP)	Lumber-Furniture	2.58	0.99	0.02	0.01	3.02			0.02	0.01
Comp Air - Motor practices-1 (100+ HP)	Lumber-Furniture	2.56	0.99	0.02	0.01	2.97			0.02	0.01
Comp Air - ASD (100+ hp)	Lumber-Furniture	2.49	0.98	0.07	0.00	2.49			0.07	0.00
Comp Air - Motor practices-1 (1-5 HP)	Lumber-Furniture	2.48	0.98	0.01	0.00	1.96			0.01	0.00
Comp Air - Replace 100+ HP motor	Lumber-Furniture	2.47	0.98	0.02	0.01	1.46			0.02	0.01
Comp Air - Replace 1-5 HP motor	Lumber-Furniture	2.46	0.98	0.01	0.00	0.92			0.00	0.00
Generic Compressed Air Improvements 20%	Lumber-Furniture	2.31	0.93	0.15	0.04	0.80			0.00	0.00
Comp Air - Replace 6-100 HP motor	Lumber-Furniture	2.29	0.93	0.02	0.01	0.71			0.00	0.00
Generic Compressed Air Improvements 30%	Lumber-Furniture	2.25	0.91	0.04	0.01	0.30			0.00	0.00
Comp Air - ASD (1-5 hp)	Lumber-Furniture	2.25	0.91	0.00	0.00	0.35			0.00	0.00
Base Fans	Lumber-Furniture	9.83	2.90	0.00	0.00	N/A	9.83	2.90	0.00	0.00
Fans - O&M - 10% savings	Lumber-Furniture	8.89	2.63	0.94	0.28	87.63			0.94	0.28
Fans- Improve components - 20% savings	Lumber-Furniture	7.35	2.17	1.54	0.45	19.49			1.54	0.45
Fans - Controls - 40% savings	Lumber-Furniture	5.62	2.11	1.73	0.06	2.44			1.73	0.06
Fans - Motor practices-1 (6-100 HP)	Lumber-Furniture	5.58	2.10	0.05	0.01	3.45			0.05	0.01
Optimize drying process	Lumber-Furniture	4.51	1.78	1.07	0.32	3.05			1.07	0.32
Fans - ASD (6-100 hp)	Lumber-Furniture	4.49	1.78	0.02	0.00	2.08			0.02	0.00
Fans - Motor practices-1 (1-5 HP)	Lumber-Furniture	4.48	1.77	0.01	0.00	1.87			0.01	0.00
Fans - System Optimization - 25% savings	Lumber-Furniture	3.71	1.65	0.77	0.13	1.85			0.77	0.13
Fans - Motor practices-1 (100+ HP)	Lumber-Furniture	3.70	1.64	0.01	0.01	1.37			0.01	0.01
Fans - ASD (100+ hp)	Lumber-Furniture	3.64	1.63	0.06	0.00	1.25			0.06	0.00
Fans - Replace 100+ HP motor	Lumber-Furniture	3.61	1.63	0.03	0.01	1.13			0.03	0.01
Fans - System Optimization - 40% savings	Lumber-Furniture	3.32	1.58	0.29	0.05	0.48			0.00	0.00
Fans - Replace 1-5 HP motor	Lumber-Furniture	3.31	1.58	0.01	0.00	0.65			0.00	0.00
Fans - Replace 6-100 HP motor	Lumber-Furniture	3.29	1.57	0.02	0.01	0.44			0.00	0.00
Fans - ASD (1-5 hp)	Lumber-Furniture	3.29	1.57	0.01	0.00	0.27			0.00	0.00
Base Pumps	Lumber-Furniture	12.89	3.81	0.00	0.00	N/A	12.89	3.81	0.00	0.00
Pumps - O&M - 10% savings	Lumber-Furniture	11.66	3.44	1.23	0.36	26.60			1.23	0.36
Pumps - Controls - 40% savings	Lumber-Furniture	10.02	3.38	1.63	0.06	9.50			1.63	0.06
Pumps - ASD (6-100 hp)	Lumber-Furniture	9.87	3.38	0.16	0.01	13.91			0.16	0.01
Pumps - Sizing - 20% savings	Lumber-Furniture	9.44	3.10	0.42	0.28	6.22			0.42	0.28
Pumps - System Optimization - 30% savings	Lumber-Furniture	7.61	2.80	1.84	0.30	3.25			1.84	0.30
Pumps - Motor practices-1 (6-100 HP)	Lumber-Furniture	7.54	2.78	0.06	0.02	3.56			0.06	0.02
Pumps - Motor practices-1 (100+ HP)	Lumber-Furniture	7.48	2.76	0.06	0.02	3.51			0.06	0.02
Pumps - ASD (100+ hp)	Lumber-Furniture	7.29	2.75	0.19	0.01	2.94			0.19	0.01
Pumps - System Optimization - 50% savings	Lumber-Furniture	6.43	2.61	0.86	0.14	0.97			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Lumber-Furniture	6.42	2.61	0.01	0.00	2.04			0.01	0.00
Pumps - Replace 100+ HP motor	Lumber-Furniture	6.37	2.59	0.05	0.01	1.52			0.05	0.01
Pumps - Replace 1-5 HP motor	Lumber-Furniture	6.36	2.59	0.02	0.00	0.95			0.00	0.00
Generic Pump Improvements 20%	Lumber-Furniture	5.98	2.48	0.38	0.11	0.84			0.00	0.00
Pumps - Replace 6-100 HP motor	Lumber-Furniture	5.93	2.46	0.05	0.01	0.74			0.00	0.00
Generic Pump Improvements 30%	Lumber-Furniture	5.81	2.43	0.12	0.03	0.31			0.00	0.00
Pumps - ASD (1-5 hp)	Lumber-Furniture	5.80	2.43	0.01	0.00	0.36			0.00	0.00
Base Drives	Lumber-Furniture	46.35	13.69	0.00	0.00	N/A	46.35	13.69	0.00	0.00
Air conveying systems	Lumber-Furniture	44.89	13.56	1.46	0.14	15.47			1.46	0.14
Replace V-Belts	Lumber-Furniture	43.92	13.27	0.97	0.29	13.25			0.97	0.29
Drives - EE motor	Lumber-Furniture	43.29	13.09	0.63	0.19	7.17			0.63	0.19
Generic Drives Improvements 20%	Lumber-Furniture	39.83	12.06	3.46	1.02	1.58			3.46	1.02
Generic Drives Improvements 30%	Lumber-Furniture	38.79	11.76	1.04	0.31	0.58			0.00	0.00
Base Heating	Lumber-Furniture	5.61	0.28	0.00	0.00	N/A	5.61	0.28	0.00	0.00
Heat Pumps - Drying	Lumber-Furniture	5.31	0.26	0.30	0.01	2.07			0.30	0.01
Base Refrigeration	Lumber-Furniture	1.04	0.20	0.00	0.00	N/A	1.04	0.20	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Lumber-Furniture	0.89	0.18	0.15	0.03	23.91			0.15	0.03
Optimization Refrigeration - 25% savings	Lumber-Furniture	0.73	0.14	0.16	0.03	3.20			0.16	0.03
Optimization Refrigeration - 50% savings	Lumber-Furniture	0.64	0.13	0.09	0.02	1.39			0.09	0.02
Base Other Process	Lumber-Furniture	0.19	0.06	0.00	0.00	N/A	0.19	0.06	0.00	0.00
Generic Process Improvement 20%	Lumber-Furniture	0.18	0.06	0.01	0.00	1.23			0.01	0.00
Generic Process Improvement 30%	Lumber-Furniture	0.18	0.05	0.00	0.00	0.46			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Lumber-Furniture	4.38	2.98	0.00	0.00	N/A	4.38	2.98	0.00	0.00
Chiller Tune Up/Diagnostics	Lumber-Furniture	4.32	2.94	0.06	0.05	6.24			0.06	0.05
Cooling Circ. Pumps - VSD	Lumber-Furniture	4.17	2.84	0.15	0.10	5.56			0.15	0.10
EMS - Chiller	Lumber-Furniture	3.90	2.65	0.27	0.19	4.88			0.27	0.19
Window Film - Chiller	Lumber-Furniture	3.74	2.54	0.16	0.11	3.17			0.16	0.11
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Lumber-Furniture	3.63	2.49	0.11	0.05	2.03			0.11	0.05
Cool Roof - Chiller	Lumber-Furniture	3.52	2.42	0.11	0.07	1.35			0.11	0.07
Base DX Packaged System, EER=10.3, 10 tons	Lumber-Furniture	4.85	3.30	0.00	0.00	N/A	4.85	3.30	0.00	0.00
Prog. Thermostat - DX	Lumber-Furniture	4.78	3.27	0.07	0.03	21.08			0.07	0.03
Window Film - DX	Lumber-Furniture	4.66	3.19	0.12	0.08	6.15			0.12	0.08

Base Compressed Air	Paper	32.27	6.45	0.00	0.00	N/A	32.27	6.45	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Paper	26.00	5.74	6.27	0.70	17.29			6.27	0.70
Compressed Air - Sizing - 20% energy savings	Paper	23.00	5.15	2.99	0.60	17.90			2.99	0.60
Compressed Air-O&M - 15% energy savings	Paper	19.70	4.49	3.30	0.66	13.01			3.30	0.66
Comp Air - ASD (6-100 hp)	Paper	19.40	4.48	0.30	0.01	10.77			0.30	0.01
Compressed Air - System Optimization - 50% energy savings	Paper	17.12	4.22	2.28	0.26	4.01			2.28	0.26
Compressed Air - Controls - 15% energy savings	Paper	16.13	4.20	0.99	0.02	3.38			0.99	0.02
Comp Air - Motor practices-1 (6-100 HP)	Paper	16.00	4.17	0.13	0.03	2.75			0.13	0.03
Comp Air - Motor practices-1 (100+ HP)	Paper	15.87	4.14	0.14	0.03	2.71			0.14	0.03
Comp Air - ASD (100+ hp)	Paper	15.46	4.13	0.41	0.01	2.45			0.41	0.01
Comp Air - Motor practices-1 (1-5 HP)	Paper	15.42	4.13	0.03	0.01	1.79			0.03	0.01
Comp Air - Replace 100+ HP motor	Paper	15.31	4.11	0.11	0.02	1.33			0.11	0.02
Comp Air - Replace 1-5 HP motor	Paper	15.28	4.10	0.04	0.01	0.84			0.04	0.01
Generic Compressed Air Improvements 20%	Paper	14.36	3.92	0.92	0.18	0.73			0.00	0.00
Comp Air - Replace 6-100 HP motor	Paper	14.25	3.89	0.11	0.02	0.65			0.00	0.00
Generic Compressed Air Improvements 30%	Paper	13.97	3.84	0.28	0.06	0.27			0.00	0.00
Comp Air - ASD (1-5 hp)	Paper	13.95	3.84	0.02	0.00	0.34			0.00	0.00
Base Fans	Paper	44.37	8.86	0.00	0.00	N/A	44.37	8.86	0.00	0.00
Fans - O&M - 10% savings	Paper	40.13	8.02	4.24	0.85	79.96			4.24	0.85
Fans- Improve components - 20% savings	Paper	33.20	6.63	6.93	1.38	17.78			6.93	1.38
Fans - Controls - 40% savings	Paper	25.39	6.44	7.81	0.19	2.41			7.81	0.19
Fans - Motor practices-1 (6-100 HP)	Paper	25.17	6.40	0.22	0.04	3.15			0.22	0.04
Fans - ASD (6-100 hp)	Paper	25.08	6.39	0.09	0.01	2.42			0.09	0.01
Fans - System Optimization - 25% savings	Paper	20.78	5.90	4.31	0.48	2.16			4.31	0.48
Fans - Motor practices-1 (1-5 HP)	Paper	20.73	5.89	0.05	0.01	1.75			0.05	0.01
Fans - ASD (100+ hp)	Paper	20.39	5.88	0.34	0.01	1.51			0.34	0.01
Fans - Motor practices-1 (100+ HP)	Paper	20.31	5.85	0.08	0.03	1.43			0.08	0.03
Fans - Replace 100+ HP motor	Paper	20.16	5.82	0.14	0.03	1.28			0.14	0.03
Fans - System Optimization - 40% savings	Paper	18.54	5.64	1.63	0.18	0.56			0.00	0.00
Fans - Replace 1-5 HP motor	Paper	18.49	5.63	0.04	0.01	0.74			0.00	0.00
Fans - Replace 6-100 HP motor	Paper	18.38	5.60	0.11	0.03	0.48			0.00	0.00
Fans - ASD (1-5 hp)	Paper	18.36	5.60	0.03	0.00	0.33			0.00	0.00
Base Pumps	Paper	96.80	19.34	0.00	0.00	N/A	96.80	19.34	0.00	0.00
Pumps - O&M - 10% savings	Paper	87.56	17.49	9.24	1.85	24.27			9.24	1.85
Pumps - Controls - 40% savings	Paper	75.29	17.19	12.27	0.30	9.35			12.27	0.30
Pumps - ASD (6-100 hp)	Paper	74.09	17.16	1.19	0.03	13.70			1.19	0.03
Pumps - Sizing - 20% savings	Paper	70.91	15.75	3.18	1.41	5.32			3.18	1.41
Pumps - System Optimization - 30% savings	Paper	57.13	14.20	13.78	1.54	3.06			13.78	1.54
Pumps - Motor practices-1 (6-100 HP)	Paper	56.66	14.11	0.47	0.09	3.25			0.47	0.09
Pumps - Motor practices-1 (100+ HP)	Paper	56.19	14.01	0.48	0.10	3.20			0.48	0.10
Pumps - ASD (100+ hp)	Paper	54.73	13.98	1.46	0.04	2.89			1.46	0.04
Pumps - System Optimization - 50% savings	Paper	48.31	13.26	6.42	0.72	0.91			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Paper	48.20	13.24	0.11	0.02	1.86			0.11	0.02
Pumps - Replace 100+ HP motor	Paper	47.86	13.17	0.34	0.07	1.39			0.34	0.07
Pumps - Replace 1-5 HP motor	Paper	47.74	13.14	0.11	0.02	0.87			0.00	0.00
Generic Pump Improvements 20%	Paper	44.88	12.57	2.86	0.57	0.76			0.00	0.00
Pumps - Replace 6-100 HP motor	Paper	44.53	12.50	0.35	0.07	0.67			0.00	0.00
Generic Pump Improvements 30%	Paper	43.66	12.33	0.87	0.17	0.28			0.00	0.00
Pumps - ASD (1-5 hp)	Paper	43.59	12.33	0.07	0.00	0.36			0.00	0.00
Base Drives	Paper	121.01	24.17	0.00	0.00	N/A	121.01	24.17	0.00	0.00
Gap Forming papermachine	Paper	119.98	23.97	1.03	0.21	22.16			1.03	0.21
High Consistency forming	Paper	119.00	23.77	0.98	0.20	21.82			0.98	0.20
Drives - EE motor	Paper	116.94	23.36	2.06	0.41	6.74			2.06	0.41
Optimization control PM	Paper	113.94	22.76	3.00	0.60	4.82			3.00	0.60
Generic Drives Improvements 20%	Paper	104.83	20.94	9.12	1.82	1.46			9.12	1.82
Generic Drives Improvements 30%	Paper	102.10	20.40	2.73	0.54	0.53			0.00	0.00
Base Heating	Paper	12.10	0.40	0.00	0.00	N/A	12.10	0.40	0.00	0.00
Heating - Optimization process (M&T) - 10% savings	Paper	12.10	0.40	0.00	0.00	0.00			0.00	0.00
Heating - Optimization process (M&T) - 20% savings	Paper	11.48	0.39	0.62	0.01	4.92			0.62	0.01
Base Refrigeration	Paper	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
Base Other Process	Paper	1.45	0.29	0.00	0.00	N/A	1.45	0.29	0.00	0.00
Generic Process Improvement 20%	Paper	1.38	0.28	0.07	0.01	1.16			0.07	0.01
Generic Process Improvement 30%	Paper	1.36	0.28	0.02	0.00	0.43			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Paper	16.13	10.99	0.00	0.00	N/A	16.13	10.99	0.00	0.00
Chiller Tune Up/Diagnostics	Paper	15.91	10.82	0.22	0.17	6.24			0.22	0.17
Cooling Circ. Pumps - VSD	Paper	15.37	10.45	0.55	0.37	5.56			0.55	0.37
EMS - Chiller	Paper	14.36	9.76	1.01	0.69	4.88			1.01	0.69
Window Film - Chiller	Paper	13.77	9.36	0.59	0.40	3.17			0.59	0.40
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Paper	13.36	9.19	0.41	0.17	2.03			0.41	0.17
Cool Roof - Chiller	Paper	12.97	8.92	0.39	0.27	1.35			0.39	0.27
Base DX Packaged System, EER=10.3, 10 tons	Paper	16.13	10.99	0.00	0.00	N/A	16.13	10.99	0.00	0.00
Prog. Thermostat - DX	Paper	15.91	10.89	0.22	0.10	21.08			0.22	0.10
Window Film - DX	Paper	15.50	10.62	0.41	0.28	6.15			0.41	0.28
DX Tune Up/ Advanced Diagnostics	Paper	14.61	10.01	0.89	0.61	4.28			0.89	0.61
DX Packaged System, EER=10.9, 10 tons	Paper	14.41	9.92	0.19	0.08	3.60			0.19	0.08

Base Compressed Air	Chemicals	7.59	1.20	0.00	0.00	N/A	7.59	1.20	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Chemicals	6.12	1.07	1.48	0.13	16.83			1.48	0.13
Compressed Air - Sizing - 20% energy savings	Chemicals	5.41	0.95	0.70	0.11	17.14			0.70	0.11
Comp Air - ASD (6-100 hp)	Chemicals	5.33	0.95	0.08	0.00	12.49			0.08	0.00
Compressed Air-O&M - 15% energy savings	Chemicals	4.56	0.83	0.76	0.12	12.27			0.76	0.12
Compressed Air - System Optimization - 50% energy savings	Chemicals	4.03	0.78	0.54	0.05	3.90			0.54	0.05
Compressed Air - Controls - 15% energy savings	Chemicals	3.80	0.78	0.23	0.00	3.36			0.23	0.00
Comp Air - Motor practices-1 (6-100 HP)	Chemicals	3.76	0.78	0.03	0.00	2.64			0.03	0.00
Comp Air - Motor practices-1 (100+ HP)	Chemicals	3.73	0.77	0.03	0.01	2.60			0.03	0.01
Comp Air - ASD (100+ hp)	Chemicals	3.64	0.77	0.10	0.00	2.43			0.10	0.00
Comp Air - Motor practices-1 (1-5 HP)	Chemicals	3.63	0.77	0.01	0.00	1.71			0.01	0.00
Comp Air - Replace 100+ HP motor	Chemicals	3.60	0.76	0.03	0.00	1.28			0.03	0.00
Comp Air - Replace 1-5 HP motor	Chemicals	3.59	0.76	0.01	0.00	0.80			0.01	0.00
Generic Compressed Air Improvements 20%	Chemicals	3.38	0.73	0.22	0.03	0.70			0.00	0.00
Comp Air - Replace 6-100 HP motor	Chemicals	3.35	0.72	0.03	0.00	0.62			0.00	0.00
Generic Compressed Air Improvements 30%	Chemicals	3.29	0.71	0.07	0.01	0.26			0.00	0.00
Comp Air - ASD (1-5 hp)	Chemicals	3.28	0.71	0.01	0.00	0.34			0.00	0.00
Base Fans	Chemicals	19.30	3.04	0.00	0.00	N/A	19.30	3.04	0.00	0.00
Fans - O&M - 10% savings	Chemicals	17.46	2.75	1.84	0.29	76.57			1.84	0.29
Fans- Improve components - 20% savings	Chemicals	14.44	2.27	3.02	0.47	17.03			3.02	0.47
Fans - Controls - 40% savings	Chemicals	11.04	2.21	3.40	0.07	2.39			3.40	0.07
Fans - Motor practices-1 (6-100 HP)	Chemicals	10.95	2.19	0.09	0.01	3.02			0.09	0.01
Fans - ASD (6-100 hp)	Chemicals	10.91	2.19	0.04	0.00	2.36			0.04	0.00
Fans - System Optimization - 25% savings	Chemicals	9.04	2.02	1.87	0.17	2.10			1.87	0.17
Fans - Motor practices-1 (1-5 HP)	Chemicals	9.02	2.02	0.02	0.00	1.67			0.02	0.00
Fans - ASD (100+ hp)	Chemicals	8.87	2.02	0.15	0.00	1.50			0.15	0.00
Fans - Motor practices-1 (100+ HP)	Chemicals	8.83	2.01	0.03	0.01	1.33			0.03	0.01
Fans - Replace 100+ HP motor	Chemicals	8.77	2.00	0.06	0.01	1.22			0.06	0.01
Fans - System Optimization - 40% savings	Chemicals	8.06	1.93	0.71	0.06	0.54			0.00	0.00
Fans - Replace 1-5 HP motor	Chemicals	8.04	1.93	0.02	0.00	0.71			0.00	0.00
Fans - Replace 6-100 HP motor	Chemicals	8.00	1.92	0.05	0.01	0.46			0.00	0.00
Fans - ASD (1-5 hp)	Chemicals	7.98	1.92	0.01	0.00	0.32			0.00	0.00
Base Pumps	Chemicals	78.25	12.32	0.00	0.00	N/A	78.25	12.32	0.00	0.00
Pumps - O&M - 10% savings	Chemicals	70.77	11.15	7.47	1.18	23.24			7.47	1.18
Pumps - Controls - 40% savings	Chemicals	60.85	10.95	9.92	0.19	9.29			9.92	0.19
Pumps - ASD (6-100 hp)	Chemicals	59.89	10.94	0.96	0.02	13.61			0.96	0.02
Pumps - Sizing - 20% savings	Chemicals	57.32	10.04	2.57	0.90	4.93			2.57	0.90
Pumps - System Optimization - 30% savings	Chemicals	46.18	9.05	11.14	0.98	2.98			11.14	0.98
Pumps - Motor practices-1 (6-100 HP)	Chemicals	45.80	8.99	0.38	0.06	3.11			0.38	0.06
Pumps - Motor practices-1 (100+ HP)	Chemicals	45.41	8.93	0.39	0.06	3.06			0.39	0.06
Pumps - ASD (100+ hp)	Chemicals	44.24	8.91	1.18	0.02	2.87			1.18	0.02
Pumps - System Optimization - 50% savings	Chemicals	39.05	8.45	5.19	0.46	0.89			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Chemicals	38.96	8.44	0.09	0.01	1.78			0.09	0.01
Pumps - Replace 100+ HP motor	Chemicals	38.68	8.39	0.28	0.04	1.33			0.28	0.04
Pumps - Replace 1-5 HP motor	Chemicals	38.59	8.38	0.09	0.01	0.83			0.00	0.00
Generic Pump Improvements 20%	Chemicals	36.27	8.01	2.32	0.36	0.73			0.00	0.00
Pumps - Replace 6-100 HP motor	Chemicals	35.99	7.97	0.28	0.04	0.65			0.00	0.00
Generic Pump Improvements 30%	Chemicals	35.29	7.86	0.70	0.11	0.27			0.00	0.00
Pumps - ASD (1-5 hp)	Chemicals	35.23	7.86	0.06	0.00	0.35			0.00	0.00
Base Drives	Chemicals	62.48	9.84	0.00	0.00	N/A	62.48	9.84	0.00	0.00
Clean Room - Controls	Chemicals	61.49	9.69	0.99	0.16	5.56			0.99	0.16
Drives - Process Controls (batch + site)	Chemicals	59.29	9.34	2.20	0.35	3.96			2.20	0.35
Process Drives - ASD	Chemicals	59.12	9.34	0.17	0.00	2.10			0.17	0.00
Clean Room - New Designs	Chemicals	57.72	9.12	1.40	0.22	3.29			1.40	0.22
Generic Drives Improvements 20%	Chemicals	53.11	8.39	4.62	0.73	1.37			4.62	0.73
Generic Drives Improvements 30%	Chemicals	51.72	8.17	1.38	0.22	0.50			0.00	0.00
Base Heating	Chemicals	9.66	0.25	0.00	0.00	N/A	9.66	0.25	0.00	0.00
Base Refrigeration	Chemicals	24.64	2.59	0.00	0.00	N/A	24.64	2.59	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Chemicals	21.10	2.22	3.54	0.37	21.56			3.54	0.37
Optimization Refrigeration - 25% savings	Chemicals	17.30	1.82	3.81	0.40	2.89			3.81	0.40
Optimization Refrigeration - 50% savings	Chemicals	15.09	1.58	2.21	0.23	1.25			2.21	0.23
Base Other Process	Chemicals	51.03	8.04	0.00	0.00	N/A	51.03	8.04	0.00	0.00
Other Process Controls (batch + site)	Chemicals	49.21	7.75	1.83	0.29	4.03			1.83	0.29
Generic Process Improvement 20%	Chemicals	46.72	7.53	2.48	0.22	1.09			2.48	0.22
Generic Process Improvement 30%	Chemicals	45.95	7.46	0.77	0.07	0.41			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Chemicals	3.85	2.62	0.00	0.00	N/A	3.85	2.62	0.00	0.00
Chiller Tune Up/Diagnostics	Chemicals	3.79	2.58	0.05	0.04	6.24			0.05	0.04
Cooling Circ. Pumps - VSD	Chemicals	3.66	2.49	0.13	0.09	5.56			0.13	0.09
EMS - Chiller	Chemicals	3.42	2.33	0.24	0.16	4.88			0.24	0.16
Window Film - Chiller	Chemicals	3.28	2.23	0.14	0.10	3.17			0.14	0.10
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Chemicals	3.19	2.19	0.10	0.04	2.03			0.10	0.04
Cool Roof - Chiller	Chemicals	3.09	2.13	0.09	0.06	1.35			0.09	0.06
Base DX Packaged System, EER=10.3, 10 tons	Chemicals	13.09	8.91	0.00	0.00	N/A	13.09	8.91	0.00	0.00
Prog. Thermostat - DX	Chemicals	12.91	8.84	0.18	0.08	21.08			0.18	0.08
Window Film - DX	Chemicals	12.58	8.61	0.33	0.22	6.15			0.33	0.22

Base Compressed Air	Petroleum	1.99	0.60	0.00	0.00	N/A	1.99	0.60	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Petroleum	1.60	0.53	0.39	0.06	18.38			0.39	0.06
Compressed Air - Sizing - 20% energy savings	Petroleum	1.42	0.48	0.18	0.06	19.70			0.18	0.06
Compressed Air-O&M - 15% energy savings	Petroleum	1.21	0.41	0.20	0.06	14.32			0.20	0.06
Comp Air - ASD (6-100 hp)	Petroleum	1.19	0.41	0.02	0.00	10.94			0.02	0.00
Compressed Air - System Optimization - 50% energy savings	Petroleum	1.05	0.39	0.14	0.02	4.26			0.14	0.02
Compressed Air - Controls - 15% energy savings	Petroleum	0.99	0.39	0.06	0.00	3.43			0.06	0.00
Refinery Controls	Petroleum	0.98	0.39	0.02	0.00	2.32			0.02	0.00
Comp Air - Motor practices-1 (6-100 HP)	Petroleum	0.97	0.39	0.01	0.00	2.98			0.01	0.00
Comp Air - Motor practices-1 (100+ HP)	Petroleum	0.96	0.38	0.01	0.00	2.93			0.01	0.00
Comp Air - ASD (100+ hp)	Petroleum	0.93	0.38	0.02	0.00	2.45			0.02	0.00
Power recovery	Petroleum	0.93	0.38	0.01	0.00	2.12			0.01	0.00
Comp Air - Motor practices-1 (1-5 HP)	Petroleum	0.92	0.38	0.00	0.00	1.92			0.00	0.00
Comp Air - Replace 100+ HP motor	Petroleum	0.92	0.38	0.01	0.00	1.43			0.01	0.00
Comp Air - Replace 1-5 HP motor	Petroleum	0.92	0.38	0.00	0.00	0.90			0.00	0.00
Generic Compressed Air Improvements 20%	Petroleum	0.86	0.36	0.05	0.02	0.78			0.00	0.00
Comp Air - Replace 6-100 HP motor	Petroleum	0.85	0.36	0.01	0.00	0.69			0.00	0.00
Generic Compressed Air Improvements 30%	Petroleum	0.84	0.35	0.02	0.00	0.29			0.00	0.00
Comp Air - ASD (1-5 hp)	Petroleum	0.84	0.35	0.00	0.00	0.34			0.00	0.00
Base Fans	Petroleum	1.19	0.36	0.00	0.00	N/A	1.19	0.36	0.00	0.00
Fans - O&M - 10% savings	Petroleum	1.08	0.32	0.11	0.03	87.99			0.11	0.03
Fans- Improve components - 20% savings	Petroleum	0.89	0.27	0.19	0.06	19.57			0.19	0.06
Refinery Controls	Petroleum	0.88	0.27	0.02	0.00	3.47			0.02	0.00
Fans - Controls - 40% savings	Petroleum	0.67	0.26	0.21	0.01	2.40			0.21	0.01
Fans - Motor practices-1 (6-100 HP)	Petroleum	0.66	0.26	0.01	0.00	3.41			0.01	0.00
Fans - ASD (6-100 hp)	Petroleum	0.66	0.26	0.00	0.00	2.54			0.00	0.00
Power recovery	Petroleum	0.66	0.26	0.01	0.00	2.51			0.01	0.00
Fans - Motor practices-1 (1-5 HP)	Petroleum	0.65	0.26	0.00	0.00	2.26			0.00	0.00
Fans - System Optimization - 25% savings	Petroleum	0.54	0.24	0.11	0.02	2.23			0.11	0.02
Fans - Motor practices-1 (100+ HP)	Petroleum	0.54	0.23	0.00	0.00	1.67			0.00	0.00
Fans - ASD (100+ hp)	Petroleum	0.53	0.23	0.01	0.00	1.50			0.01	0.00
Fans - Replace 100+ HP motor	Petroleum	0.53	0.23	0.00	0.00	1.37			0.00	0.00
Fans - System Optimization - 40% savings	Petroleum	0.48	0.23	0.04	0.01	0.57			0.00	0.00
Fans - Replace 1-5 HP motor	Petroleum	0.48	0.23	0.00	0.00	0.79			0.00	0.00
Fans - Replace 6-100 HP motor	Petroleum	0.48	0.22	0.00	0.00	0.53			0.00	0.00
Fans - ASD (1-5 hp)	Petroleum	0.48	0.22	0.00	0.00	0.32			0.00	0.00
Base Pumps	Petroleum	7.95	2.38	0.00	0.00	N/A	7.95	2.38	0.00	0.00
Pumps - O&M - 10% savings	Petroleum	7.19	2.16	0.76	0.23	26.71			0.76	0.23
Pumps - Controls - 40% savings	Petroleum	6.18	2.12	1.01	0.04	9.50			1.01	0.04
Pumps - ASD (6-100 hp)	Petroleum	6.08	2.12	0.10	0.00	13.92			0.10	0.00
Refinery Controls	Petroleum	5.98	2.11	0.11	0.00	3.55			0.11	0.00
Pumps - Sizing - 20% savings	Petroleum	5.72	1.94	0.26	0.17	6.15			0.26	0.17
Pumps - System Optimization - 30% savings	Petroleum	4.61	1.75	1.11	0.19	3.20			1.11	0.19
Pumps - Motor practices-1 (6-100 HP)	Petroleum	4.57	1.74	0.04	0.01	3.52			0.04	0.01
Pumps - Motor practices-1 (100+ HP)	Petroleum	4.53	1.73	0.04	0.01	3.46			0.04	0.01
Pumps - ASD (100+ hp)	Petroleum	4.41	1.73	0.12	0.00	2.89			0.12	0.00
Power recovery	Petroleum	4.37	1.71	0.04	0.01	2.51			0.04	0.01
Pumps - System Optimization - 50% savings	Petroleum	3.86	1.63	0.51	0.09	0.95			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Petroleum	3.85	1.62	0.01	0.00	2.00			0.01	0.00
Pumps - Replace 100+ HP motor	Petroleum	3.82	1.62	0.03	0.01	1.49			0.03	0.01
Pumps - Replace 1-5 HP motor	Petroleum	3.81	1.61	0.01	0.00	0.93			0.00	0.00
Generic Pump Improvements 20%	Petroleum	3.59	1.54	0.23	0.07	0.82			0.00	0.00
Pumps - Replace 6-100 HP motor	Petroleum	3.56	1.54	0.03	0.01	0.72			0.00	0.00
Generic Pump Improvements 30%	Petroleum	3.49	1.52	0.07	0.02	0.30			0.00	0.00
Pumps - ASD (1-5 hp)	Petroleum	3.48	1.52	0.01	0.00	0.35			0.00	0.00
Base Drives	Petroleum	2.12	0.64	0.00	0.00	N/A	2.12	0.64	0.00	0.00
Generic Drives Improvements 20%	Petroleum	1.95	0.58	0.17	0.05	1.70			0.17	0.05
Generic Drives Improvements 30%	Petroleum	1.90	0.57	0.05	0.02	0.62			0.00	0.00
Base Heating	Petroleum	0.97	0.05	0.00	0.00	N/A	0.97	0.05	0.00	0.00
Base Refrigeration	Petroleum	0.92	0.18	0.00	0.00	N/A	0.92	0.18	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Petroleum	0.79	0.16	0.13	0.03	23.99			0.13	0.03
Optimization Refrigeration - 25% savings	Petroleum	0.64	0.13	0.14	0.03	3.21			0.14	0.03
Optimization Refrigeration - 50% savings	Petroleum	0.56	0.11	0.08	0.02	1.40			0.08	0.02
Base Other Process	Petroleum	0.03	0.01	0.00	0.00	N/A	0.03	0.01	0.00	0.00
Refinery Controls	Petroleum	0.03	0.01	0.00	0.00	8.97			0.00	0.00
Efficient desalter	Petroleum	0.02	0.01	0.00	0.00	7.32			0.00	0.00
Power recovery	Petroleum	0.02	0.01	0.00	0.00	3.99			0.00	0.00
Generic Process Improvement 20%	Petroleum	0.02	0.01	0.00	0.00	1.08			0.00	0.00
Generic Process Improvement 30%	Petroleum	0.02	0.01	0.00	0.00	0.40			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Petroleum	0.12	0.08	0.00	0.00	N/A	0.12	0.08	0.00	0.00
Chiller Tune Up/Diagnostics	Petroleum	0.12	0.08	0.00	0.00	6.24			0.00	0.00
Cooling Circ. Pumps - VSD	Petroleum	0.11	0.08	0.00	0.00	5.56			0.00	0.00
EMS - Chiller	Petroleum	0.11	0.07	0.01	0.01	4.88			0.01	0.01
Window Film - Chiller	Petroleum	0.10	0.07	0.00	0.00	3.17			0.00	0.00
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Petroleum	0.10	0.07	0.00	0.00	2.03			0.00	0.00

Base Compressed Air	Rubber-Plastics	10.39	3.97	0.00	0.00	N/A	10.39	3.97	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Rubber-Plastics	8.37	3.54	2.02	0.43	19.28			2.02	0.43
Compressed Air - Sizing - 20% energy savings	Rubber-Plastics	7.41	3.17	0.96	0.37	21.17			0.96	0.37
Compressed Air-O&M - 15% energy savings	Rubber-Plastics	6.35	2.76	1.06	0.41	15.39			1.06	0.41
Compressed Air - System Optimization - 50% energy savings	Rubber-Plastics	5.60	2.60	0.74	0.16	4.54			0.74	0.16
Comp Air - ASD (6-100 hp)	Rubber-Plastics	5.51	2.60	0.09	0.00	9.78			0.09	0.00
Compressed Air - Controls - 15% energy savings	Rubber-Plastics	5.20	2.58	0.32	0.02	3.48			0.32	0.02
Comp Air - Motor practices-1 (6-100 HP)	Rubber-Plastics	5.15	2.57	0.04	0.02	3.26			0.04	0.02
Comp Air - Motor practices-1 (100+ HP)	Rubber-Plastics	5.11	2.55	0.04	0.02	3.21			0.04	0.02
Comp Air - ASD (100+ hp)	Rubber-Plastics	4.98	2.55	0.13	0.01	2.52			0.13	0.01
Comp Air - Motor practices-1 (1-5 HP)	Rubber-Plastics	4.97	2.54	0.01	0.00	2.11			0.01	0.00
Comp Air - Replace 100+ HP motor	Rubber-Plastics	4.93	2.53	0.04	0.01	1.58			0.04	0.01
Comp Air - Replace 1-5 HP motor	Rubber-Plastics	4.92	2.52	0.01	0.00	0.99			0.00	0.00
Generic Compressed Air Improvements 20%	Rubber-Plastics	4.63	2.41	0.30	0.11	0.87			0.00	0.00
Comp Air - Replace 6-100 HP motor	Rubber-Plastics	4.59	2.40	0.04	0.01	0.77			0.00	0.00
Generic Compressed Air Improvements 30%	Rubber-Plastics	4.50	2.36	0.09	0.03	0.32			0.00	0.00
Comp Air - ASD (1-5 hp)	Rubber-Plastics	4.49	2.36	0.01	0.00	0.35			0.00	0.00
Base Fans	Rubber-Plastics	19.65	7.51	0.00	0.00	N/A	19.65	7.51	0.00	0.00
Fans - O&M - 10% savings	Rubber-Plastics	17.78	6.79	1.88	0.72	94.57			1.88	0.72
Fans- Improve components - 20% savings	Rubber-Plastics	14.71	5.62	3.07	1.17	21.03			3.07	1.17
Fans - Controls - 40% savings	Rubber-Plastics	11.25	5.46	3.46	0.16	2.48			3.46	0.16
Fans - Motor practices-1 (6-100 HP)	Rubber-Plastics	11.15	5.42	0.10	0.04	3.72			0.10	0.04
Fans - ASD (6-100 hp)	Rubber-Plastics	11.11	5.41	0.04	0.01	2.72			0.04	0.01
Fans - Motor practices-1 (1-5 HP)	Rubber-Plastics	11.09	5.40	0.02	0.01	2.50			0.02	0.01
Fans - System Optimization - 25% savings	Rubber-Plastics	9.18	4.99	1.90	0.41	2.41			1.90	0.41
Fans - Motor practices-1 (100+ HP)	Rubber-Plastics	9.15	4.96	0.03	0.03	1.92			0.03	0.03
Fans - ASD (100+ hp)	Rubber-Plastics	9.00	4.95	0.15	0.01	1.57			0.15	0.01
Fans - Replace 100+ HP motor	Rubber-Plastics	8.93	4.93	0.06	0.02	1.51			0.06	0.02
Fans - System Optimization - 40% savings	Rubber-Plastics	8.21	4.77	0.72	0.15	0.62			0.00	0.00
Fans - Replace 1-5 HP motor	Rubber-Plastics	8.19	4.77	0.02	0.01	0.87			0.00	0.00
Fans - Replace 6-100 HP motor	Rubber-Plastics	8.14	4.74	0.05	0.02	0.59			0.00	0.00
Fans - ASD (1-5 hp)	Rubber-Plastics	8.13	4.74	0.01	0.00	0.34			0.00	0.00
Base Pumps	Rubber-Plastics	25.79	9.85	0.00	0.00	N/A	25.79	9.85	0.00	0.00
Pumps - O&M - 10% savings	Rubber-Plastics	23.33	8.91	2.46	0.94	28.71			2.46	0.94
Pumps - Controls - 40% savings	Rubber-Plastics	20.06	8.76	3.27	0.15	9.63			3.27	0.15
Pumps - ASD (6-100 hp)	Rubber-Plastics	19.74	8.74	0.32	0.02	14.10			0.32	0.02
Pumps - Sizing - 20% savings	Rubber-Plastics	18.89	8.02	0.85	0.72	7.03			0.85	0.72
Pumps - System Optimization - 30% savings	Rubber-Plastics	15.22	7.24	3.67	0.79	3.42			3.67	0.79
Pumps - Motor practices-1 (6-100 HP)	Rubber-Plastics	15.10	7.19	0.12	0.05	3.84			0.12	0.05
Pumps - Motor practices-1 (100+ HP)	Rubber-Plastics	14.97	7.14	0.13	0.05	3.78			0.13	0.05
Pumps - ASD (100+ hp)	Rubber-Plastics	14.58	7.12	0.39	0.02	2.98			0.39	0.02
Pumps - System Optimization - 50% savings	Rubber-Plastics	12.87	6.75	1.71	0.37	1.02			1.71	0.37
Pumps - Motor practices-1 (1-5 HP)	Rubber-Plastics	12.84	6.74	0.03	0.01	2.20			0.03	0.01
Pumps - Replace 100+ HP motor	Rubber-Plastics	12.75	6.71	0.09	0.03	1.64			0.09	0.03
Pumps - Replace 1-5 HP motor	Rubber-Plastics	12.72	6.70	0.03	0.01	1.03			0.03	0.01
Generic Pump Improvements 20%	Rubber-Plastics	11.96	6.41	0.76	0.29	0.90			0.00	0.00
Pumps - Replace 6-100 HP motor	Rubber-Plastics	11.86	6.37	0.09	0.04	0.80			0.00	0.00
Generic Pump Improvements 30%	Rubber-Plastics	11.63	6.28	0.23	0.09	0.33			0.00	0.00
Pumps - ASD (1-5 hp)	Rubber-Plastics	11.61	6.28	0.02	0.00	0.37			0.00	0.00
Base Drives	Rubber-Plastics	92.76	35.44	0.00	0.00	N/A	92.76	35.44	0.00	0.00
O&M - Extruders/Injection Moulding	Rubber-Plastics	87.88	33.58	4.88	1.87	35.62			4.88	1.87
Extruders/injection Moulding-multipump	Rubber-Plastics	80.94	30.93	6.94	2.65	6.43			6.94	2.65
Injection Moulding - Impulse Cooling	Rubber-Plastics	78.42	29.96	2.52	0.96	5.34			2.52	0.96
Direct drive Extruders	Rubber-Plastics	74.86	28.60	3.56	1.36	4.25			3.56	1.36
Injection Moulding - Direct drive	Rubber-Plastics	72.65	27.76	2.20	0.84	3.34			2.20	0.84
Generic Drives Improvements 20%	Rubber-Plastics	66.84	25.54	5.81	2.22	1.43			5.81	2.22
Generic Drives Improvements 30%	Rubber-Plastics	65.10	24.87	1.74	0.66	0.52			0.00	0.00
Base Heating	Rubber-Plastics	42.68	2.72	0.00	0.00	N/A	42.68	2.72	0.00	0.00
Base Refrigeration	Rubber-Plastics	22.80	5.81	0.00	0.00	N/A	22.80	5.81	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Rubber-Plastics	19.53	4.97	3.27	0.83	25.39			3.27	0.83
Optimization Refrigeration - 25% savings	Rubber-Plastics	16.01	4.08	3.52	0.90	3.40			3.52	0.90
Optimization Refrigeration - 50% savings	Rubber-Plastics	13.97	3.56	2.04	0.52	1.48			2.04	0.52
Base Other Process	Rubber-Plastics	3.59	1.37	0.00	0.00	N/A	3.59	1.37	0.00	0.00
Generic Process Improvement 20%	Rubber-Plastics	3.41	1.33	0.18	0.04	1.29			0.18	0.04
Generic Process Improvement 30%	Rubber-Plastics	3.36	1.32	0.06	0.01	0.48			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Rubber-Plastics	10.46	7.12	0.00	0.00	N/A	10.46	7.12	0.00	0.00
Chiller Tune Up/Diagnostics	Rubber-Plastics	10.31	7.01	0.14	0.11	6.24			0.14	0.11
Cooling Circ. Pumps - VSD	Rubber-Plastics	9.96	6.77	0.35	0.24	5.56			0.35	0.24
EMS - Chiller	Rubber-Plastics	9.31	6.33	0.65	0.45	4.88			0.65	0.45
Window Film - Chiller	Rubber-Plastics	8.92	6.07	0.38	0.26	3.17			0.38	0.26
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Rubber-Plastics	8.66	5.95	0.26	0.11	2.03			0.26	0.11
Cool Roof - Chiller	Rubber-Plastics	8.41	5.78	0.25	0.17	1.35			0.25	0.17
Base DX Packaged System, EER=10.3, 10 tons	Rubber-Plastics	16.96	11.55	0.00	0.00	N/A	16.96	11.55	0.00	0.00
Prog. Thermostat - DX	Rubber-Plastics	16.73	11.45	0.24	0.10	21.08			0.24	0.10
Window Film - DX	Rubber-Plastics	16.30	11.16	0.43	0.29	6.15			0.43	0.29

Base Compressed Air	Non-Metallic Minerals	8.29	1.52	0.00	0.00	N/A	8.29	1.52	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Non-Metallic Minerals	6.68	1.35	1.61	0.17	17.11			1.61	0.17
Compressed Air - Sizing - 20% energy savings	Non-Metallic Minerals	5.91	1.21	0.77	0.14	17.60			0.77	0.14
Compressed Air-O&M - 15% energy savings	Non-Metallic Minerals	5.06	1.06	0.85	0.16	12.79			0.85	0.16
Comp Air - ASD (6-100 hp)	Non-Metallic Minerals	4.99	1.06	0.08	0.00	10.74			0.08	0.00
Compressed Air - System Optimization - 50% energy savings	Non-Metallic Minerals	4.40	1.00	0.59	0.06	3.97			0.59	0.06
Compressed Air - Controls - 15% energy savings	Non-Metallic Minerals	4.15	0.99	0.25	0.01	3.37			0.25	0.01
Comp Air - Motor practices-1 (6-100 HP)	Non-Metallic Minerals	4.11	0.98	0.03	0.01	2.71			0.03	0.01
Comp Air - Motor practices-1 (100+ HP)	Non-Metallic Minerals	4.08	0.98	0.03	0.01	2.67			0.03	0.01
Comp Air - ASD (100+ hp)	Non-Metallic Minerals	3.97	0.97	0.11	0.00	2.44			0.11	0.00
Comp Air - Motor practices-1 (1-5 HP)	Non-Metallic Minerals	3.96	0.97	0.01	0.00	1.76			0.01	0.00
Comp Air - Replace 100+ HP motor	Non-Metallic Minerals	3.94	0.97	0.03	0.01	1.31			0.03	0.01
Comp Air - Replace 1-5 HP motor	Non-Metallic Minerals	3.93	0.97	0.01	0.00	0.82			0.00	0.00
Generic Compressed Air Improvements 20%	Non-Metallic Minerals	3.69	0.92	0.24	0.04	0.72			0.00	0.00
Comp Air - Replace 6-100 HP motor	Non-Metallic Minerals	3.66	0.92	0.03	0.01	0.64			0.00	0.00
Generic Compressed Air Improvements 30%	Non-Metallic Minerals	3.59	0.90	0.07	0.01	0.27			0.00	0.00
Comp Air - ASD (1-5 hp)	Non-Metallic Minerals	3.59	0.90	0.01	0.00	0.34			0.00	0.00
Base Fans	Non-Metallic Minerals	19.49	3.57	0.00	0.00	N/A	19.49	3.57	0.00	0.00
Fans - O&M - 10% savings	Non-Metallic Minerals	17.63	3.23	1.86	0.34	78.63			1.86	0.34
Fans- Improve components - 20% savings	Non-Metallic Minerals	14.58	2.67	3.04	0.56	17.48			3.04	0.56
Fans - Controls - 40% savings	Non-Metallic Minerals	11.15	2.59	3.43	0.08	2.40			3.43	0.08
Fans - Motor practices-1 (6-100 HP)	Non-Metallic Minerals	11.06	2.58	0.10	0.02	3.10			0.10	0.02
Fans - ASD (6-100 hp)	Non-Metallic Minerals	11.02	2.57	0.04	0.00	2.40			0.04	0.00
Fans - System Optimization - 25% savings	Non-Metallic Minerals	9.12	2.38	1.89	0.19	2.14			1.89	0.19
Fans - Motor practices-1 (1-5 HP)	Non-Metallic Minerals	9.10	2.37	0.02	0.00	1.72			0.02	0.00
Fans - ASD (100+ hp)	Non-Metallic Minerals	8.95	2.37	0.15	0.01	1.51			0.15	0.01
Fans - Motor practices-1 (100+ HP)	Non-Metallic Minerals	8.92	2.35	0.03	0.01	1.39			0.03	0.01
Fans - Replace 100+ HP motor	Non-Metallic Minerals	8.86	2.34	0.06	0.01	1.26			0.06	0.01
Fans - System Optimization - 40% savings	Non-Metallic Minerals	8.14	2.27	0.71	0.07	0.55			0.00	0.00
Fans - Replace 1-5 HP motor	Non-Metallic Minerals	8.12	2.27	0.02	0.00	0.72			0.00	0.00
Fans - Replace 6-100 HP motor	Non-Metallic Minerals	8.07	2.25	0.05	0.01	0.47			0.00	0.00
Fans - ASD (1-5 hp)	Non-Metallic Minerals	8.06	2.25	0.01	0.00	0.33			0.00	0.00
Base Pumps	Non-Metallic Minerals	24.75	4.53	0.00	0.00	N/A	24.75	4.53	0.00	0.00
Pumps - O&M - 10% savings	Non-Metallic Minerals	22.39	4.10	2.36	0.43	23.87			2.36	0.43
Pumps - Controls - 40% savings	Non-Metallic Minerals	19.25	4.03	3.14	0.07	9.33			3.14	0.07
Pumps - ASD (6-100 hp)	Non-Metallic Minerals	18.94	4.02	0.31	0.01	13.66			0.31	0.01
Pumps - Sizing - 20% savings	Non-Metallic Minerals	18.13	3.69	0.81	0.33	5.17			0.81	0.33
Pumps - System Optimization - 30% savings	Non-Metallic Minerals	14.61	3.33	3.52	0.36	3.03			3.52	0.36
Pumps - Motor practices-1 (6-100 HP)	Non-Metallic Minerals	14.49	3.31	0.12	0.02	3.20			0.12	0.02
Pumps - Motor practices-1 (100+ HP)	Non-Metallic Minerals	14.36	3.29	0.12	0.02	3.15			0.12	0.02
Pumps - ASD (100+ hp)	Non-Metallic Minerals	13.99	3.28	0.37	0.01	2.88			0.37	0.01
Pumps - System Optimization - 50% savings	Non-Metallic Minerals	12.35	3.11	1.64	0.17	0.90			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Non-Metallic Minerals	12.32	3.10	0.03	0.00	1.83			0.03	0.00
Pumps - Replace 100+ HP motor	Non-Metallic Minerals	12.24	3.09	0.09	0.02	1.37			0.09	0.02
Pumps - Replace 1-5 HP motor	Non-Metallic Minerals	12.21	3.08	0.03	0.01	0.86			0.00	0.00
Generic Pump Improvements 20%	Non-Metallic Minerals	11.47	2.95	0.73	0.13	0.75			0.00	0.00
Pumps - Replace 6-100 HP motor	Non-Metallic Minerals	11.38	2.93	0.09	0.02	0.66			0.00	0.00
Generic Pump Improvements 30%	Non-Metallic Minerals	11.16	2.89	0.22	0.04	0.28			0.00	0.00
Pumps - ASD (1-5 hp)	Non-Metallic Minerals	11.14	2.89	0.02	0.00	0.35			0.00	0.00
Base Drives	Non-Metallic Minerals	28.07	5.14	0.00	0.00	N/A	28.07	5.14	0.00	0.00
Process control	Non-Metallic Minerals	27.86	5.14	0.21	0.00	7.01			0.21	0.00
Drives - EE motor	Non-Metallic Minerals	27.56	5.08	0.30	0.05	8.12			0.30	0.05
Process optimization	Non-Metallic Minerals	27.41	5.07	0.15	0.02	3.15			0.15	0.02
Efficient grinding	Non-Metallic Minerals	26.02	4.81	1.38	0.25	1.81			1.38	0.25
Generic Drives Improvements 20%	Non-Metallic Minerals	23.94	4.43	2.08	0.38	1.41			2.08	0.38
Generic Drives Improvements 30%	Non-Metallic Minerals	23.32	4.32	0.62	0.11	0.51			0.00	0.00
Drives - Process Controls (batch + site)	Non-Metallic Minerals	23.08	4.27	0.24	0.04	0.83			0.00	0.00
Base Heating	Non-Metallic Minerals	27.44	0.84	0.00	0.00	N/A	27.44	0.84	0.00	0.00
Top-heating (glass)	Non-Metallic Minerals	27.30	0.83	0.14	0.00	7.92			0.14	0.00
Base Refrigeration	Non-Metallic Minerals	4.69	0.57	0.00	0.00	N/A	4.69	0.57	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Non-Metallic Minerals	4.02	0.49	0.67	0.08	21.99			0.67	0.08
Optimization Refrigeration - 25% savings	Non-Metallic Minerals	3.29	0.40	0.72	0.09	2.95			0.72	0.09
Optimization Refrigeration - 50% savings	Non-Metallic Minerals	2.87	0.35	0.42	0.05	1.28			0.42	0.05
Base Other Process	Non-Metallic Minerals	2.05	0.38	0.00	0.00	N/A	2.05	0.38	0.00	0.00
Generic Process Improvement 20%	Non-Metallic Minerals	1.95	0.37	0.10	0.01	1.15			0.10	0.01
Generic Process Improvement 30%	Non-Metallic Minerals	1.92	0.36	0.03	0.00	0.43			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Non-Metallic Minerals	2.95	2.01	0.00	0.00	N/A	2.95	2.01	0.00	0.00
Chiller Tune Up/Diagnostics	Non-Metallic Minerals	2.91	1.98	0.04	0.03	6.24			0.04	0.03
Cooling Circ. Pumps - VSD	Non-Metallic Minerals	2.81	1.91	0.10	0.07	5.56			0.10	0.07
EMS - Chiller	Non-Metallic Minerals	2.62	1.78	0.18	0.13	4.88			0.18	0.13
Window Film - Chiller	Non-Metallic Minerals	2.51	1.71	0.11	0.07	3.17			0.11	0.07
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Non-Metallic Minerals	2.44	1.68	0.07	0.03	2.03			0.07	0.03
Cool Roof - Chiller	Non-Metallic Minerals	2.37	1.63	0.07	0.05	1.35			0.07	0.05
Base DX Packaged System, EER=10.3, 10 tons	Non-Metallic Minerals	5.47	3.73	0.00	0.00	N/A	5.47	3.73	0.00	0.00
Prog. Thermostat - DX	Non-Metallic Minerals	5.40	3.69	0.08	0.03	21.08			0.08	0.03

Base Compressed Air	Primary Metals	10.04	0.75	0.00	0.00	N/A	10.04	0.75	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Primary Metals	8.09	0.67	1.95	0.08	15.92			1.95	0.08
Compressed Air - Sizing - 20% energy savings	Primary Metals	7.15	0.60	0.93	0.07	15.65			0.93	0.07
Comp Air - ASD (6-100 hp)	Primary Metals	7.04	0.60	0.11	0.00	12.32			0.11	0.00
Compressed Air-O&M - 15% energy savings	Primary Metals	6.03	0.52	1.01	0.08	11.20			1.01	0.08
Compressed Air - System Optimization - 50% energy savings	Primary Metals	5.32	0.49	0.71	0.03	3.69			0.71	0.03
Compressed Air - Controls - 15% energy savings	Primary Metals	5.02	0.49	0.31	0.00	3.31			0.31	0.00
Comp Air - ASD (100+ hp)	Primary Metals	4.89	0.49	0.13	0.00	2.44			0.13	0.00
Comp Air - Motor practices-1 (6-100 HP)	Primary Metals	4.85	0.48	0.04	0.00	2.35			0.04	0.00
Comp Air - Motor practices-1 (100+ HP)	Primary Metals	4.81	0.48	0.04	0.00	2.31			0.04	0.00
Comp Air - Motor practices-1 (1-5 HP)	Primary Metals	4.80	0.48	0.01	0.00	1.56			0.01	0.00
Comp Air - Replace 100+ HP motor	Primary Metals	4.76	0.48	0.03	0.00	1.17			0.03	0.00
Comp Air - Replace 1-5 HP motor	Primary Metals	4.75	0.48	0.01	0.00	0.73			0.00	0.00
Generic Compressed Air Improvements 20%	Primary Metals	4.47	0.45	0.29	0.02	0.64			0.00	0.00
Comp Air - Replace 6-100 HP motor	Primary Metals	4.43	0.45	0.04	0.00	0.57			0.00	0.00
Generic Compressed Air Improvements 30%	Primary Metals	4.35	0.45	0.09	0.01	0.24			0.00	0.00
Comp Air - ASD (1-5 hp)	Primary Metals	4.34	0.45	0.01	0.00	0.33			0.00	0.00
Base Fans	Primary Metals	23.56	1.75	0.00	0.00	N/A	23.56	1.75	0.00	0.00
Fans - O&M - 10% savings	Primary Metals	21.31	1.59	2.25	0.17	69.90			2.25	0.17
Fans- Improve components - 20% savings	Primary Metals	17.63	1.31	3.68	0.27	15.54			3.68	0.27
Fans - Controls - 40% savings	Primary Metals	13.48	1.27	4.15	0.04	2.36			4.15	0.04
Fans - Motor practices-1 (6-100 HP)	Primary Metals	13.37	1.27	0.12	0.01	2.75			0.12	0.01
Fans - ASD (6-100 hp)	Primary Metals	13.32	1.26	0.05	0.00	2.22			0.05	0.00
Fans - System Optimization - 25% savings	Primary Metals	11.03	1.17	2.29	0.10	1.99			2.29	0.10
Fans - Motor practices-1 (1-5 HP)	Primary Metals	11.01	1.17	0.02	0.00	1.53			0.02	0.00
Fans - ASD (100+ hp)	Primary Metals	10.82	1.16	0.18	0.00	1.47			0.18	0.00
Fans - Replace 100+ HP motor	Primary Metals	10.75	1.16	0.08	0.01	1.12			0.08	0.01
Fans - Motor practices-1 (100+ HP)	Primary Metals	10.71	1.15	0.04	0.01	1.11			0.04	0.01
Fans - System Optimization - 40% savings	Primary Metals	9.84	1.11	0.86	0.04	0.51			0.00	0.00
Fans - Replace 1-5 HP motor	Primary Metals	9.82	1.11	0.02	0.00	0.64			0.00	0.00
Fans - Replace 6-100 HP motor	Primary Metals	9.76	1.11	0.06	0.01	0.41			0.00	0.00
Fans - ASD (1-5 hp)	Primary Metals	9.75	1.11	0.02	0.00	0.32			0.00	0.00
Base Pumps	Primary Metals	29.93	2.23	0.00	0.00	N/A	29.93	2.23	0.00	0.00
Pumps - O&M - 10% savings	Primary Metals	27.07	2.01	2.86	0.21	21.22			2.86	0.21
Pumps - ASD (6-100 hp)	Primary Metals	26.64	2.01	0.43	0.00	15.61			0.43	0.00
Pumps - Controls - 40% savings	Primary Metals	22.91	1.98	3.73	0.03	9.02			3.73	0.03
Pumps - Sizing - 20% savings	Primary Metals	21.92	1.81	0.98	0.16	4.15			0.98	0.16
Pumps - System Optimization - 30% savings	Primary Metals	17.66	1.64	4.26	0.18	2.82			4.26	0.18
Pumps - ASD (100+ hp)	Primary Metals	17.20	1.63	0.46	0.00	2.88			0.46	0.00
Pumps - Motor practices-1 (6-100 HP)	Primary Metals	17.06	1.62	0.14	0.01	2.77			0.14	0.01
Pumps - Motor practices-1 (100+ HP)	Primary Metals	16.92	1.61	0.14	0.01	2.72			0.14	0.01
Pumps - System Optimization - 50% savings	Primary Metals	14.93	1.53	1.99	0.08	0.84			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Primary Metals	14.90	1.52	0.03	0.00	1.63			0.03	0.00
Pumps - Replace 100+ HP motor	Primary Metals	14.80	1.52	0.11	0.01	1.21			0.11	0.01
Pumps - Replace 1-5 HP motor	Primary Metals	14.76	1.51	0.04	0.00	0.76			0.00	0.00
Generic Pump Improvements 20%	Primary Metals	13.87	1.45	0.89	0.07	0.67			0.00	0.00
Pumps - Replace 6-100 HP motor	Primary Metals	13.77	1.44	0.11	0.01	0.59			0.00	0.00
Generic Pump Improvements 30%	Primary Metals	13.50	1.42	0.27	0.02	0.25			0.00	0.00
Pumps - ASD (1-5 hp)	Primary Metals	13.47	1.42	0.02	0.00	0.35			0.00	0.00
Base Drives	Primary Metals	33.93	2.53	0.00	0.00	N/A	33.93	2.53	0.00	0.00
Efficient drives - rolling	Primary Metals	32.92	2.45	1.01	0.08	6.86			1.01	0.08
Drives - Process Control	Primary Metals	32.31	2.44	0.61	0.01	3.16			0.61	0.01
Drives - Process Controls (batch + site)	Primary Metals	31.48	2.38	0.83	0.06	2.15			0.83	0.06
Generic Drives Improvements 20%	Primary Metals	28.96	2.19	2.52	0.19	1.25			2.52	0.19
Generic Drives Improvements 30%	Primary Metals	28.21	2.14	0.75	0.06	0.46			0.00	0.00
Base Heating	Primary Metals	85.14	1.06	0.00	0.00	N/A	85.14	1.06	0.00	0.00
Near Net Shape Casting	Primary Metals	84.58	1.05	0.56	0.01	14.25			0.56	0.01
Efficient electric melting	Primary Metals	82.52	1.02	2.06	0.03	5.06			2.06	0.03
Heating - Process Control	Primary Metals	80.51	1.02	2.02	0.00	4.00			2.02	0.00
Intelligent extruder (DOE)	Primary Metals	80.47	1.02	0.04	0.00	1.10			0.04	0.00
Base Refrigeration	Primary Metals	2.49	0.12	0.00	0.00	N/A	2.49	0.12	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Primary Metals	2.13	0.11	0.36	0.02	20.14			0.36	0.02
Optimization Refrigeration - 25% savings	Primary Metals	1.75	0.09	0.38	0.02	2.70			0.38	0.02
Optimization Refrigeration - 50% savings	Primary Metals	1.52	0.08	0.22	0.01	1.17			0.22	0.01
Base Other Process	Primary Metals	93.57	6.96	0.00	0.00	N/A	93.57	6.96	0.00	0.00
Premium Efficiency Electro-Chem Proc Impr.	Primary Metals	85.39	6.35	8.18	0.61	3.89			8.18	0.61
Generic Process Improvement 20%	Primary Metals	81.08	6.17	4.31	0.18	0.97			0.00	0.00
Generic Process Improvement 30%	Primary Metals	79.75	6.12	1.33	0.06	0.37			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Primary Metals	2.99	0.81	0.00	0.00	N/A	2.99	0.81	0.00	0.00
Chiller Tune Up/Diagnostics	Primary Metals	2.95	0.80	0.04	0.01	4.51			0.04	0.01
Cooling Circ. Pumps - VSD	Primary Metals	2.85	0.77	0.10	0.03	4.09			0.10	0.03
EMS - Chiller	Primary Metals	2.66	0.72	0.19	0.05	3.59			0.19	0.05
Window Film - Chiller	Primary Metals	2.55	0.69	0.11	0.03	2.33			0.11	0.03
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Primary Metals	2.48	0.68	0.08	0.01	1.60			0.08	0.01
Cool Roof - Chiller	Primary Metals	2.41	0.66	0.07	0.02	1.00			0.00	0.00

Base Compressed Air	Fabricated Metals	72.74	25.48	0.00	0.00	N/A	72.74	25.48	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Fabricated Metals	58.60	22.70	14.14	2.78	18.93			14.14	2.78
Compressed Air - Sizing - 20% energy savings	Fabricated Metals	51.86	20.34	6.75	2.36	20.60			6.75	2.36
Compressed Air-O&M - 15% energy savings	Fabricated Metals	44.41	17.73	7.45	2.61	14.97			7.45	2.61
Comp Air - ASD (6-100 hp)	Fabricated Metals	43.73	17.70	0.68	0.03	11.03			0.68	0.03
Compressed Air - System Optimization - 50% energy savings	Fabricated Metals	38.59	16.69	5.13	1.01	4.39			5.13	1.01
Compressed Air - Controls - 15% energy savings	Fabricated Metals	36.37	16.59	2.23	0.10	3.46			2.23	0.10
Comp Air - Motor practices-1 (6-100 HP)	Fabricated Metals	36.07	16.49	0.30	0.10	3.17			0.30	0.10
Comp Air - Motor practices-1 (100+ HP)	Fabricated Metals	35.77	16.38	0.31	0.11	3.12			0.31	0.11
Comp Air - ASD (100+ hp)	Fabricated Metals	34.85	16.34	0.92	0.04	2.51			0.92	0.04
Comp Air - Motor practices-1 (1-5 HP)	Fabricated Metals	34.77	16.32	0.08	0.03	2.06			0.08	0.03
Comp Air - Replace 100+ HP motor	Fabricated Metals	34.52	16.23	0.25	0.09	1.53			0.25	0.09
Comp Air - Replace 1-5 HP motor	Fabricated Metals	34.44	16.20	0.08	0.03	0.96			0.00	0.00
Generic Compressed Air Improvements 20%	Fabricated Metals	32.37	15.48	2.07	0.72	0.84			0.00	0.00
Comp Air - Replace 6-100 HP motor	Fabricated Metals	32.12	15.39	0.25	0.09	0.74			0.00	0.00
Generic Compressed Air Improvements 30%	Fabricated Metals	31.49	15.17	0.63	0.22	0.31			0.00	0.00
Comp Air - ASD (1-5 hp)	Fabricated Metals	31.44	15.17	0.05	0.00	0.35			0.00	0.00
Base Fans	Fabricated Metals	40.53	14.20	0.00	0.00	N/A	40.53	14.20	0.00	0.00
Fans - O&M - 10% savings	Fabricated Metals	36.66	12.84	3.87	1.36	92.02			3.87	1.36
Fans- Improve components - 20% savings	Fabricated Metals	30.33	10.62	6.33	2.22	20.46			6.33	2.22
Fans - Controls - 40% savings	Fabricated Metals	23.20	10.31	7.13	0.31	2.46			7.13	0.31
Fans - Motor practices-1 (6-100 HP)	Fabricated Metals	23.00	10.24	0.20	0.07	3.62			0.20	0.07
Fans - ASD (6-100 hp)	Fabricated Metals	22.92	10.23	0.08	0.01	2.66			0.08	0.01
Fans - Motor practices-1 (1-5 HP)	Fabricated Metals	22.86	10.21	0.05	0.02	2.43			0.05	0.02
Fans - System Optimization - 25% savings	Fabricated Metals	18.94	9.44	3.93	0.77	2.36			3.93	0.77
Fans - Motor practices-1 (100+ HP)	Fabricated Metals	18.87	9.38	0.07	0.06	1.84			0.07	0.06
Fans - ASD (100+ hp)	Fabricated Metals	18.55	9.36	0.31	0.02	1.56			0.31	0.02
Fans - Replace 100+ HP motor	Fabricated Metals	18.42	9.32	0.13	0.05	1.47			0.13	0.05
Fans - System Optimization - 40% savings	Fabricated Metals	16.94	9.03	1.49	0.29	0.61			0.00	0.00
Fans - Replace 1-5 HP motor	Fabricated Metals	16.89	9.01	0.04	0.01	0.85			0.00	0.00
Fans - Replace 6-100 HP motor	Fabricated Metals	16.80	8.97	0.10	0.05	0.58			0.00	0.00
Fans - ASD (1-5 hp)	Fabricated Metals	16.77	8.96	0.03	0.00	0.33			0.00	0.00
Base Pumps	Fabricated Metals	53.16	18.62	0.00	0.00	N/A	53.16	18.62	0.00	0.00
Pumps - O&M - 10% savings	Fabricated Metals	48.08	16.84	5.08	1.78	27.94			5.08	1.78
Pumps - Controls - 40% savings	Fabricated Metals	41.34	16.55	6.74	0.29	9.58			6.74	0.29
Pumps - ASD (6-100 hp)	Fabricated Metals	40.69	16.52	0.66	0.03	14.03			0.66	0.03
Pumps - Sizing - 20% savings	Fabricated Metals	38.94	15.16	1.75	1.36	6.73			1.75	1.36
Pumps - System Optimization - 30% savings	Fabricated Metals	31.37	13.67	7.57	1.49	3.35			7.57	1.49
Pumps - Motor practices-1 (6-100 HP)	Fabricated Metals	31.12	13.58	0.26	0.09	3.74			0.26	0.09
Pumps - Motor practices-1 (100+ HP)	Fabricated Metals	30.85	13.49	0.26	0.09	3.68			0.26	0.09
Pumps - ASD (100+ hp)	Fabricated Metals	30.05	13.46	0.80	0.03	2.96			0.80	0.03
Pumps - System Optimization - 50% savings	Fabricated Metals	26.53	12.76	3.53	0.69	1.00			3.53	0.69
Pumps - Motor practices-1 (1-5 HP)	Fabricated Metals	26.47	12.74	0.06	0.02	2.14			0.06	0.02
Pumps - Replace 100+ HP motor	Fabricated Metals	26.28	12.68	0.19	0.07	1.60			0.19	0.07
Pumps - Replace 1-5 HP motor	Fabricated Metals	26.22	12.66	0.06	0.02	1.00			0.06	0.02
Generic Pump Improvements 20%	Fabricated Metals	24.64	12.10	1.57	0.55	0.88			0.00	0.00
Pumps - Replace 6-100 HP motor	Fabricated Metals	24.45	12.04	0.19	0.07	0.78			0.00	0.00
Generic Pump Improvements 30%	Fabricated Metals	23.97	11.87	0.48	0.17	0.32			0.00	0.00
Pumps - ASD (1-5 hp)	Fabricated Metals	23.93	11.87	0.04	0.00	0.36			0.00	0.00
Base Drives	Fabricated Metals	134.63	47.16	0.00	0.00	N/A	134.63	47.16	0.00	0.00
Drives - Optimization process (M&T) - 20% savings	Fabricated Metals	117.64	43.82	17.00	3.34	24.93			17.00	3.34
Drives - Optimization process (M&T) - 30% savings	Fabricated Metals	111.20	42.55	6.44	1.26	5.65			6.44	1.26
Machinery	Fabricated Metals	110.17	42.19	1.03	0.36	6.78			1.03	0.36
Drives - Scheduling	Fabricated Metals	109.61	42.14	0.56	0.05	3.59			0.56	0.05
Generic Drives Improvements 20%	Fabricated Metals	100.84	39.07	8.77	3.07	1.45			8.77	3.07
Generic Drives Improvements 30%	Fabricated Metals	98.22	38.15	2.62	0.92	0.53			0.00	0.00
Base Heating	Fabricated Metals	156.61	9.14	0.00	0.00	N/A	156.61	9.14	0.00	0.00
Heating - Optimization process (M&T) - 10% savings	Fabricated Metals	145.69	8.83	10.92	0.31	11.37			10.92	0.31
Heating - Optimization process (M&T) - 20% savings	Fabricated Metals	138.24	8.62	7.45	0.21	4.65			7.45	0.21
Heating - Scheduling	Fabricated Metals	137.33	8.61	0.90	0.01	4.36			0.90	0.01
Efficient Curing ovens	Fabricated Metals	131.68	8.28	5.65	0.33	3.56			5.65	0.33
Base Refrigeration	Fabricated Metals	23.68	5.53	0.00	0.00	N/A	23.68	5.53	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Fabricated Metals	20.28	4.74	3.40	0.79	24.85			3.40	0.79
Optimization Refrigeration - 25% savings	Fabricated Metals	16.62	3.88	3.66	0.85	3.33			3.66	0.85
Optimization Refrigeration - 50% savings	Fabricated Metals	14.50	3.39	2.12	0.49	1.45			2.12	0.49
Base Other Process	Fabricated Metals	5.46	1.91	0.00	0.00	N/A	5.46	1.91	0.00	0.00
New transformers welding	Fabricated Metals	4.68	1.64	0.78	0.27	11.34			0.78	0.27
Generic Process Improvement 20%	Fabricated Metals	4.44	1.59	0.24	0.05	1.09			0.24	0.05
Generic Process Improvement 30%	Fabricated Metals	4.37	1.58	0.07	0.01	0.41			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Fabricated Metals	21.01	14.31	0.00	0.00	N/A	21.01	14.31	0.00	0.00
Chiller Tune Up/Diagnostics	Fabricated Metals	20.72	14.09	0.29	0.22	6.24			0.29	0.22
Cooling Circ. Pumps - VSD	Fabricated Metals	20.01	13.61	0.71	0.48	5.56			0.71	0.48
EMS - Chiller	Fabricated Metals	18.70	12.71	1.31	0.89	4.88			1.31	0.89
Window Film - Chiller	Fabricated Metals	17.93	12.19	0.77	0.52	3.17			0.77	0.52
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Fabricated Metals	17.40	11.96	0.53	0.23	2.03			0.53	0.23

Base Compressed Air	Ind. Machinery	43.10	6.22	0.00	0.00	N/A	43.10	6.22	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Ind. Machinery	34.72	5.54	8.38	0.68	16.68			8.38	0.68
Compressed Air - Sizing - 20% energy savings	Ind. Machinery	30.72	4.97	4.00	0.58	16.90			4.00	0.58
Comp Air - ASD (6-100 hp)	Ind. Machinery	30.25	4.96	0.47	0.01	12.46			0.47	0.01
Compressed Air-O&M - 15% energy savings	Ind. Machinery	25.91	4.33	4.34	0.63	12.10			4.34	0.63
Compressed Air - System Optimization - 50% energy savings	Ind. Machinery	22.87	4.08	3.04	0.25	3.87			3.04	0.25
Compressed Air - Controls - 15% energy savings	Ind. Machinery	21.55	4.06	1.32	0.02	3.35			1.32	0.02
Comp Air - Motor practices-1 (6-100 HP)	Ind. Machinery	21.37	4.04	0.18	0.03	2.60			0.18	0.03
Comp Air - Motor practices-1 (100+ HP)	Ind. Machinery	21.19	4.01	0.18	0.03	2.56			0.18	0.03
Comp Air - ASD (100+ hp)	Ind. Machinery	20.65	4.00	0.55	0.01	2.43			0.55	0.01
Comp Air - Motor practices-1 (1-5 HP)	Ind. Machinery	20.60	3.99	0.05	0.01	1.69			0.05	0.01
Comp Air - Replace 100+ HP motor	Ind. Machinery	20.45	3.97	0.15	0.02	1.26			0.15	0.02
Comp Air - Replace 1-5 HP motor	Ind. Machinery	20.41	3.96	0.05	0.01	0.79			0.05	0.01
Generic Compressed Air Improvements 20%	Ind. Machinery	19.18	3.79	1.22	0.18	0.69			0.00	0.00
Comp Air - Replace 6-100 HP motor	Ind. Machinery	19.03	3.77	0.15	0.02	0.61			0.00	0.00
Generic Compressed Air Improvements 30%	Ind. Machinery	18.66	3.71	0.37	0.05	0.26			0.00	0.00
Comp Air - ASD (1-5 hp)	Ind. Machinery	18.63	3.71	0.03	0.00	0.34			0.00	0.00
Base Fans	Ind. Machinery	15.59	2.25	0.00	0.00	N/A	15.59	2.25	0.00	0.00
Fans - O&M - 10% savings	Ind. Machinery	14.10	2.04	1.49	0.21	75.51			1.49	0.21
Fans- Improve components - 20% savings	Ind. Machinery	11.67	1.68	2.44	0.35	16.79			2.44	0.35
Fans - Controls - 40% savings	Ind. Machinery	8.92	1.64	2.74	0.05	2.38			2.74	0.05
Fans - Motor practices-1 (6-100 HP)	Ind. Machinery	8.85	1.62	0.08	0.01	2.97			0.08	0.01
Fans - ASD (6-100 hp)	Ind. Machinery	8.81	1.62	0.03	0.00	2.34			0.03	0.00
Fans - System Optimization - 25% savings	Ind. Machinery	7.30	1.50	1.51	0.12	2.09			1.51	0.12
Fans - Motor practices-1 (1-5 HP)	Ind. Machinery	7.29	1.50	0.02	0.00	1.65			0.02	0.00
Fans - ASD (100+ hp)	Ind. Machinery	7.16	1.49	0.12	0.00	1.49			0.12	0.00
Fans - Motor practices-1 (100+ HP)	Ind. Machinery	7.14	1.48	0.03	0.01	1.29			0.03	0.01
Fans - Replace 100+ HP motor	Ind. Machinery	7.09	1.48	0.05	0.01	1.21			0.05	0.01
Fans - System Optimization - 40% savings	Ind. Machinery	6.51	1.43	0.57	0.05	0.54			0.00	0.00
Fans - Replace 1-5 HP motor	Ind. Machinery	6.50	1.43	0.02	0.00	0.70			0.00	0.00
Fans - Replace 6-100 HP motor	Ind. Machinery	6.46	1.42	0.04	0.01	0.45			0.00	0.00
Fans - ASD (1-5 hp)	Ind. Machinery	6.45	1.42	0.01	0.00	0.32			0.00	0.00
Base Pumps	Ind. Machinery	20.46	2.95	0.00	0.00	N/A	20.46	2.95	0.00	0.00
Pumps - O&M - 10% savings	Ind. Machinery	18.50	2.67	1.95	0.28	22.92			1.95	0.28
Pumps - ASD (6-100 hp)	Ind. Machinery	18.21	2.67	0.29	0.01	15.79			0.29	0.01
Pumps - Controls - 40% savings	Ind. Machinery	15.66	2.62	2.55	0.05	9.12			2.55	0.05
Pumps - Sizing - 20% savings	Ind. Machinery	14.99	2.40	0.67	0.22	4.80			0.67	0.22
Pumps - System Optimization - 30% savings	Ind. Machinery	12.07	2.17	2.91	0.24	2.96			2.91	0.24
Pumps - Motor practices-1 (6-100 HP)	Ind. Machinery	11.98	2.15	0.10	0.01	3.07			0.10	0.01
Pumps - Motor practices-1 (100+ HP)	Ind. Machinery	11.87	2.14	0.10	0.01	3.02			0.10	0.01
Pumps - ASD (100+ hp)	Ind. Machinery	11.57	2.13	0.31	0.01	2.87			0.31	0.01
Pumps - System Optimization - 50% savings	Ind. Machinery	10.21	2.02	1.36	0.11	0.88			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Ind. Machinery	10.19	2.02	0.02	0.00	1.76			0.02	0.00
Pumps - Replace 100+ HP motor	Ind. Machinery	10.11	2.01	0.07	0.01	1.31			0.07	0.01
Pumps - Replace 1-5 HP motor	Ind. Machinery	10.09	2.01	0.02	0.00	0.82			0.00	0.00
Generic Pump Improvements 20%	Ind. Machinery	9.48	1.92	0.61	0.09	0.72			0.00	0.00
Pumps - Replace 6-100 HP motor	Ind. Machinery	9.41	1.91	0.07	0.01	0.64			0.00	0.00
Generic Pump Improvements 30%	Ind. Machinery	9.23	1.88	0.18	0.03	0.27			0.00	0.00
Pumps - ASD (1-5 hp)	Ind. Machinery	9.21	1.88	0.01	0.00	0.35			0.00	0.00
Base Drives	Ind. Machinery	54.88	7.92	0.00	0.00	N/A	54.88	7.92	0.00	0.00
Drives - Optimization process (M&T) - 20% savings	Ind. Machinery	47.95	7.36	6.93	0.56	21.96			6.93	0.56
Drives - Optimization process (M&T) - 30% savings	Ind. Machinery	45.33	7.15	2.62	0.21	4.98			2.62	0.21
Machinery	Ind. Machinery	44.91	7.09	0.42	0.06	5.57			0.42	0.06
Drives - Scheduling	Ind. Machinery	44.68	7.08	0.23	0.01	3.38			0.23	0.01
Generic Drives Improvements 20%	Ind. Machinery	41.10	6.56	3.57	0.52	1.19			3.57	0.52
Generic Drives Improvements 30%	Ind. Machinery	40.03	6.41	1.07	0.15	0.43			0.00	0.00
Base Heating	Ind. Machinery	20.54	0.49	0.00	0.00	N/A	20.54	0.49	0.00	0.00
Heating - Optimization process (M&T) - 10% savings	Ind. Machinery	19.11	0.48	1.43	0.02	11.13			1.43	0.02
Heating - Optimization process (M&T) - 20% savings	Ind. Machinery	18.13	0.47	0.98	0.01	4.55			0.98	0.01
Heating - Scheduling	Ind. Machinery	18.01	0.47	0.12	0.00	4.33			0.12	0.00
Efficient Curing ovens	Ind. Machinery	17.48	0.45	0.53	0.01	3.40			0.53	0.01
Base Refrigeration	Ind. Machinery	9.01	0.87	0.00	0.00	N/A	9.01	0.87	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Ind. Machinery	7.72	0.74	1.29	0.12	21.33			1.29	0.12
Optimization Refrigeration - 25% savings	Ind. Machinery	6.33	0.61	1.39	0.13	2.86			1.39	0.13
Optimization Refrigeration - 50% savings	Ind. Machinery	5.52	0.53	0.81	0.08	1.24			0.81	0.08
Base Other Process	Ind. Machinery	4.04	0.58	0.00	0.00	N/A	4.04	0.58	0.00	0.00
New transformers welding	Ind. Machinery	3.75	0.54	0.29	0.04	9.31			0.29	0.04
Generic Process Improvement 20%	Ind. Machinery	3.56	0.53	0.19	0.02	1.04			0.19	0.02
Generic Process Improvement 30%	Ind. Machinery	3.50	0.52	0.06	0.00	0.39			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Ind. Machinery	18.34	12.49	0.00	0.00	N/A	18.34	12.49	0.00	0.00
Chiller Tune Up/Diagnostics	Ind. Machinery	18.09	12.30	0.25	0.19	6.24			0.25	0.19
Cooling Circ. Pumps - VSD	Ind. Machinery	17.47	11.88	0.62	0.42	5.56			0.62	0.42
EMS - Chiller	Ind. Machinery	16.32	11.10	1.15	0.78	4.88			1.15	0.78
Window Film - Chiller	Ind. Machinery	15.65	10.64	0.67	0.46	3.17			0.67	0.46
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Ind. Machinery	15.19	10.44	0.46	0.20	2.03			0.46	0.20

Base Compressed Air	Electronics	32.23	5.05	0.00	0.00	N/A	32.23	5.05	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Electronics	25.97	4.50	6.26	0.55	16.82			6.26	0.55
Compressed Air - Sizing - 20% energy savings	Electronics	22.98	4.03	2.99	0.47	17.12			2.99	0.47
Comp Air - ASD (6-100 hp)	Electronics	22.62	4.03	0.35	0.01	12.49			0.35	0.01
Compressed Air-O&M - 15% energy savings	Electronics	19.37	3.52	3.25	0.51	12.26			3.25	0.51
Compressed Air - System Optimization - 50% energy savings	Electronics	17.10	3.32	2.27	0.20	3.90			2.27	0.20
Compressed Air - Controls - 15% energy savings	Electronics	16.11	3.30	0.99	0.02	3.36			0.99	0.02
Comp Air - Motor practices-1 (6-100 HP)	Electronics	15.98	3.28	0.13	0.02	2.64			0.13	0.02
Comp Air - Motor practices-1 (100+ HP)	Electronics	15.85	3.26	0.14	0.02	2.59			0.14	0.02
Comp Air - ASD (100+ hp)	Electronics	15.44	3.25	0.41	0.01	2.43			0.41	0.01
Comp Air - Motor practices-1 (1-5 HP)	Electronics	15.41	3.24	0.03	0.01	1.71			0.03	0.01
Comp Air - Replace 100+ HP motor	Electronics	15.30	3.23	0.11	0.02	1.28			0.11	0.02
Comp Air - Replace 1-5 HP motor	Electronics	15.26	3.22	0.04	0.01	0.80			0.04	0.01
Generic Compressed Air Improvements 20%	Electronics	14.34	3.08	0.92	0.14	0.70			0.00	0.00
Comp Air - Replace 6-100 HP motor	Electronics	14.23	3.06	0.11	0.02	0.62			0.00	0.00
Generic Compressed Air Improvements 30%	Electronics	13.95	3.01	0.28	0.04	0.26			0.00	0.00
Comp Air - ASD (1-5 hp)	Electronics	13.93	3.01	0.02	0.00	0.34			0.00	0.00
Base Fans	Electronics	9.77	1.53	0.00	0.00	N/A	9.77	1.53	0.00	0.00
Fans - O&M - 10% savings	Electronics	8.84	1.39	0.93	0.15	76.51			0.93	0.15
Fans- Improve components - 20% savings	Electronics	7.31	1.15	1.53	0.24	17.01			1.53	0.24
Fans - Controls - 40% savings	Electronics	5.59	1.11	1.72	0.03	2.39			1.72	0.03
Fans - Motor practices-1 (6-100 HP)	Electronics	5.54	1.11	0.05	0.01	3.01			0.05	0.01
Fans - ASD (6-100 hp)	Electronics	5.52	1.10	0.02	0.00	2.36			0.02	0.00
Fans - System Optimization - 25% savings	Electronics	4.58	1.02	0.95	0.08	2.10			0.95	0.08
Fans - Motor practices-1 (1-5 HP)	Electronics	4.57	1.02	0.01	0.00	1.67			0.01	0.00
Fans - ASD (100+ hp)	Electronics	4.49	1.02	0.08	0.00	1.50			0.08	0.00
Fans - Motor practices-1 (100+ HP)	Electronics	4.47	1.01	0.02	0.01	1.32			0.02	0.01
Fans - Replace 100+ HP motor	Electronics	4.44	1.01	0.03	0.00	1.22			0.03	0.00
Fans - System Optimization - 40% savings	Electronics	4.08	0.97	0.36	0.03	0.54			0.00	0.00
Fans - Replace 1-5 HP motor	Electronics	4.07	0.97	0.01	0.00	0.70			0.00	0.00
Fans - Replace 6-100 HP motor	Electronics	4.05	0.97	0.02	0.00	0.46			0.00	0.00
Fans - ASD (1-5 hp)	Electronics	4.04	0.97	0.01	0.00	0.32			0.00	0.00
Base Pumps	Electronics	12.81	2.01	0.00	0.00	N/A	12.81	2.01	0.00	0.00
Pumps - O&M - 10% savings	Electronics	11.59	1.82	1.22	0.19	23.23			1.22	0.19
Pumps - Controls - 40% savings	Electronics	9.96	1.78	1.62	0.03	9.29			1.62	0.03
Pumps - ASD (6-100 hp)	Electronics	9.81	1.78	0.16	0.00	13.60			0.16	0.00
Pumps - Sizing - 20% savings	Electronics	9.38	1.64	0.42	0.15	4.92			0.42	0.15
Pumps - System Optimization - 30% savings	Electronics	7.56	1.47	1.82	0.16	2.98			1.82	0.16
Pumps - Motor practices-1 (6-100 HP)	Electronics	7.50	1.47	0.06	0.01	3.11			0.06	0.01
Pumps - Motor practices-1 (100+ HP)	Electronics	7.44	1.46	0.06	0.01	3.06			0.06	0.01
Pumps - ASD (100+ hp)	Electronics	7.24	1.45	0.19	0.00	2.87			0.19	0.00
Pumps - System Optimization - 50% savings	Electronics	6.39	1.38	0.85	0.07	0.89			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Electronics	6.38	1.37	0.01	0.00	1.78			0.01	0.00
Pumps - Replace 100+ HP motor	Electronics	6.33	1.37	0.05	0.01	1.33			0.05	0.01
Pumps - Replace 1-5 HP motor	Electronics	6.32	1.36	0.02	0.00	0.83			0.00	0.00
Generic Pump Improvements 20%	Electronics	5.94	1.31	0.38	0.06	0.73			0.00	0.00
Pumps - Replace 6-100 HP motor	Electronics	5.89	1.30	0.05	0.01	0.64			0.00	0.00
Generic Pump Improvements 30%	Electronics	5.78	1.28	0.11	0.02	0.27			0.00	0.00
Pumps - ASD (1-5 hp)	Electronics	5.77	1.28	0.01	0.00	0.35			0.00	0.00
Base Drives	Electronics	27.41	4.30	0.00	0.00	N/A	27.41	4.30	0.00	0.00
Machinery	Electronics	27.28	4.28	0.12	0.02	6.65			0.12	0.02
Clean Room - Controls	Electronics	26.42	4.14	0.86	0.14	4.43			0.86	0.14
Drives - Scheduling	Electronics	26.30	4.14	0.12	0.00	3.64			0.12	0.00
Generic Drives Improvements 20%	Electronics	24.19	3.81	2.10	0.33	1.42			2.10	0.33
Generic Drives Improvements 30%	Electronics	23.57	3.71	0.63	0.10	0.52			0.00	0.00
Base Heating	Electronics	41.50	1.08	0.00	0.00	N/A	41.50	1.08	0.00	0.00
Efficient Curing ovens	Electronics	40.28	1.05	1.22	0.03	3.89			1.22	0.03
Base Refrigeration	Electronics	24.34	2.54	0.00	0.00	N/A	24.34	2.54	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Electronics	20.84	2.18	3.49	0.37	21.54			3.49	0.37
Optimization Refrigeration - 25% savings	Electronics	17.08	1.79	3.76	0.39	2.89			3.76	0.39
Optimization Refrigeration - 50% savings	Electronics	14.90	1.56	2.18	0.23	1.25			2.18	0.23
Base Other Process	Electronics	12.31	1.93	0.00	0.00	N/A	12.31	1.93	0.00	0.00
Efficient processes (welding, etc.)	Electronics	10.55	1.65	1.76	0.28	9.43			1.76	0.28
Generic Process Improvement 20%	Electronics	10.02	1.61	0.53	0.05	0.97			0.00	0.00
Generic Process Improvement 30%	Electronics	9.85	1.59	0.16	0.01	0.36			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Electronics	29.17	19.87	0.00	0.00	N/A	29.17	19.87	0.00	0.00
Chiller Tune Up/Diagnostics	Electronics	28.77	19.56	0.40	0.30	6.24			0.40	0.30
Cooling Circ. Pumps - VSD	Electronics	27.79	18.89	0.99	0.67	5.56			0.99	0.67
EMS - Chiller	Electronics	25.96	17.65	1.82	1.24	4.88			1.82	1.24
Window Film - Chiller	Electronics	24.90	16.92	1.07	0.73	3.17			1.07	0.73
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Electronics	24.16	16.61	0.74	0.31	2.03			0.74	0.31
Cool Roof - Chiller	Electronics	23.45	16.13	0.71	0.48	1.35			0.71	0.48
Base DX Packaged System, EER=10.3, 10 tons	Electronics	50.76	34.57	0.00	0.00	N/A	50.76	34.57	0.00	0.00
Prog. Thermostat - DX	Electronics	50.06	34.27	0.71	0.30	21.08			0.71	0.30
Window Film - DX	Electronics	48.78	33.40	1.28	0.87	6.15			1.28	0.87

Base Compressed Air	Transportation Eqp.	140.10	20.11	0.00	0.00	N/A	140.10	20.11	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Transportation Eqp.	112.87	17.92	27.23	2.19	16.67			27.23	2.19
Compressed Air - Sizing - 20% energy savings	Transportation Eqp.	99.87	16.05	13.00	1.87	16.89			13.00	1.87
Comp Air - ASD (6-100 hp)	Transportation Eqp.	98.33	16.03	1.54	0.03	12.46			1.54	0.03
Compressed Air-O&M - 15% energy savings	Transportation Eqp.	84.22	14.00	14.12	2.03	12.09			14.12	2.03
Compressed Air - System Optimization - 50% energy savings	Transportation Eqp.	74.33	13.20	9.88	0.80	3.87			9.88	0.80
Compressed Air - Controls - 15% energy savings	Transportation Eqp.	70.04	13.13	4.29	0.08	3.35			4.29	0.08
Comp Air - Motor practices-1 (6-100 HP)	Transportation Eqp.	69.47	13.05	0.57	0.08	2.60			0.57	0.08
Comp Air - Motor practices-1 (100+ HP)	Transportation Eqp.	68.89	12.96	0.59	0.08	2.56			0.59	0.08
Comp Air - ASD (100+ hp)	Transportation Eqp.	67.11	12.93	1.77	0.03	2.43			1.77	0.03
Comp Air - Motor practices-1 (1-5 HP)	Transportation Eqp.	66.97	12.91	0.15	0.02	1.69			0.15	0.02
Comp Air - Replace 100+ HP motor	Transportation Eqp.	66.49	12.84	0.48	0.07	1.26			0.48	0.07
Comp Air - Replace 1-5 HP motor	Transportation Eqp.	66.33	12.82	0.16	0.02	0.79			0.00	0.00
Generic Compressed Air Improvements 20%	Transportation Eqp.	62.35	12.25	3.98	0.57	0.69			0.00	0.00
Comp Air - Replace 6-100 HP motor	Transportation Eqp.	61.86	12.18	0.49	0.07	0.61			0.00	0.00
Generic Compressed Air Improvements 30%	Transportation Eqp.	60.65	12.00	1.21	0.17	0.25			0.00	0.00
Comp Air - ASD (1-5 hp)	Transportation Eqp.	60.55	12.00	0.10	0.00	0.34			0.00	0.00
Base Fans	Transportation Eqp.	74.72	10.73	0.00	0.00	N/A	74.72	10.73	0.00	0.00
Fans - O&M - 10% savings	Transportation Eqp.	67.59	9.70	7.13	1.02	75.45			7.13	1.02
Fans- Improve components - 20% savings	Transportation Eqp.	55.91	8.03	11.67	1.68	16.78			11.67	1.68
Fans - Controls - 40% savings	Transportation Eqp.	42.76	7.79	13.15	0.23	2.38			13.15	0.23
Fans - Motor practices-1 (6-100 HP)	Transportation Eqp.	42.40	7.74	0.37	0.05	2.97			0.37	0.05
Fans - ASD (6-100 hp)	Transportation Eqp.	42.24	7.73	0.15	0.01	2.33			0.15	0.01
Fans - System Optimization - 25% savings	Transportation Eqp.	34.99	7.15	7.25	0.58	2.09			7.25	0.58
Fans - Motor practices-1 (1-5 HP)	Transportation Eqp.	34.91	7.13	0.08	0.01	1.65			0.08	0.01
Fans - ASD (100+ hp)	Transportation Eqp.	34.33	7.12	0.58	0.02	1.49			0.58	0.02
Fans - Motor practices-1 (100+ HP)	Transportation Eqp.	34.20	7.08	0.13	0.04	1.29			0.13	0.04
Fans - Replace 100+ HP motor	Transportation Eqp.	33.96	7.04	0.24	0.03	1.21			0.24	0.03
Fans - System Optimization - 40% savings	Transportation Eqp.	31.22	6.82	2.74	0.22	0.54			0.00	0.00
Fans - Replace 1-5 HP motor	Transportation Eqp.	31.14	6.81	0.07	0.01	0.69			0.00	0.00
Fans - Replace 6-100 HP motor	Transportation Eqp.	30.96	6.78	0.18	0.03	0.45			0.00	0.00
Fans - ASD (1-5 hp)	Transportation Eqp.	30.91	6.77	0.05	0.00	0.32			0.00	0.00
Base Pumps	Transportation Eqp.	84.06	12.07	0.00	0.00	N/A	84.06	12.07	0.00	0.00
Pumps - O&M - 10% savings	Transportation Eqp.	76.03	10.92	8.03	1.15	22.90			8.03	1.15
Pumps - ASD (6-100 hp)	Transportation Eqp.	74.83	10.89	1.21	0.02	15.79			1.21	0.02
Pumps - Controls - 40% savings	Transportation Eqp.	64.34	10.71	10.49	0.19	9.12			10.49	0.19
Pumps - Sizing - 20% savings	Transportation Eqp.	61.58	9.83	2.76	0.88	4.80			2.76	0.88
Pumps - System Optimization - 30% savings	Transportation Eqp.	49.61	8.86	11.97	0.96	2.95			11.97	0.96
Pumps - Motor practices-1 (6-100 HP)	Transportation Eqp.	49.21	8.80	0.40	0.06	3.07			0.40	0.06
Pumps - Motor practices-1 (100+ HP)	Transportation Eqp.	48.79	8.74	0.42	0.06	3.02			0.42	0.06
Pumps - ASD (100+ hp)	Transportation Eqp.	47.52	8.72	1.26	0.02	2.87			1.26	0.02
Pumps - System Optimization - 50% savings	Transportation Eqp.	41.95	8.27	5.58	0.45	0.88			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Transportation Eqp.	41.85	8.26	0.09	0.01	1.76			0.09	0.01
Pumps - Replace 100+ HP motor	Transportation Eqp.	41.56	8.22	0.30	0.04	1.31			0.30	0.04
Pumps - Replace 1-5 HP motor	Transportation Eqp.	41.46	8.20	0.10	0.01	0.82			0.00	0.00
Generic Pump Improvements 20%	Transportation Eqp.	38.97	7.85	2.49	0.36	0.72			0.00	0.00
Pumps - Replace 6-100 HP motor	Transportation Eqp.	38.66	7.80	0.31	0.04	0.64			0.00	0.00
Generic Pump Improvements 30%	Transportation Eqp.	37.91	7.69	0.75	0.11	0.27			0.00	0.00
Pumps - ASD (1-5 hp)	Transportation Eqp.	37.85	7.69	0.06	0.00	0.35			0.00	0.00
Base Drives	Transportation Eqp.	168.12	24.14	0.00	0.00	N/A	168.12	24.14	0.00	0.00
Drives - Optimization process (M&T) - 20% savings	Transportation Eqp.	146.89	22.43	21.23	1.71	21.95			21.23	1.71
Drives - Optimization process (M&T) - 30% savings	Transportation Eqp.	138.86	21.78	8.04	0.65	4.98			8.04	0.65
Machinery	Transportation Eqp.	137.22	21.54	1.64	0.24	5.77			1.64	0.24
Drives - Scheduling	Transportation Eqp.	136.52	21.52	0.70	0.02	3.37			0.70	0.02
Generic Drives Improvements 20%	Transportation Eqp.	125.60	19.95	10.92	1.57	1.18			10.92	1.57
Generic Drives Improvements 30%	Transportation Eqp.	122.33	19.48	3.27	0.47	0.43			0.00	0.00
Base Heating	Transportation Eqp.	84.06	2.01	0.00	0.00	N/A	84.06	2.01	0.00	0.00
Heating - Optimization process (M&T) - 10% savings	Transportation Eqp.	78.20	1.94	5.86	0.07	11.12			5.86	0.07
Heating - Optimization process (M&T) - 20% savings	Transportation Eqp.	74.20	1.90	4.00	0.05	4.55			4.00	0.05
Efficient Curing ovens	Transportation Eqp.	72.02	1.84	2.18	0.05	3.42			2.18	0.05
Base Refrigeration	Transportation Eqp.	46.70	4.47	0.00	0.00	N/A	46.70	4.47	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Transportation Eqp.	39.99	3.83	6.71	0.64	21.32			6.71	0.64
Optimization Refrigeration - 25% savings	Transportation Eqp.	32.78	3.14	7.21	0.69	2.86			7.21	0.69
Optimization Refrigeration - 50% savings	Transportation Eqp.	28.60	2.74	4.18	0.40	1.24			4.18	0.40
Base Other Process	Transportation Eqp.	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Transportation Eqp.	56.04	31.80	0.00	0.00	N/A	56.04	31.80	0.00	0.00
Chiller Tune Up/Diagnostics	Transportation Eqp.	55.27	31.32	0.77	0.49	5.76			0.77	0.49
Cooling Circ. Pumps - VSD	Transportation Eqp.	53.38	30.24	1.89	1.07	5.15			1.89	1.07
EMS - Chiller	Transportation Eqp.	49.88	28.25	3.50	1.99	4.52			3.50	1.99
Window Film - Chiller	Transportation Eqp.	47.83	27.09	2.05	1.16	2.94			2.05	1.16
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Transportation Eqp.	46.42	26.59	1.41	0.50	1.91			1.41	0.50
Cool Roof - Chiller	Transportation Eqp.	45.06	25.82	1.36	0.77	1.25			1.36	0.77
Base DX Packaged System, EER=10.3, 10 tons	Transportation Eqp.	112.08	63.61	0.00	0.00	N/A	112.08	63.61	0.00	0.00
Prog. Thermostat - DX	Transportation Eqp.	110.52	63.05	1.56	0.55	19.85			1.56	0.55
Window Film - DX	Transportation Eqp.	107.70	61.45	2.82	1.60	5.70			2.82	1.60

Base Compressed Air	Miscellaneous Manufacturing	21.87	3.23	0.00	0.00	N/A	21.87	3.23	0.00	0.00
Compressed Air - System Optimization - 30% energy savings	Miscellaneous Manufacturing	17.62	2.88	4.25	0.35	16.72			4.25	0.35
Compressed Air - Sizing - 20% energy savings	Miscellaneous Manufacturing	15.59	2.58	2.03	0.30	16.96			2.03	0.30
Comp Air - ASD (6-100 hp)	Miscellaneous Manufacturing	15.35	2.57	0.24	0.00	12.47			0.24	0.00
Compressed Air-O&M - 15% energy savings	Miscellaneous Manufacturing	13.15	2.25	2.20	0.33	12.14			2.20	0.33
Compressed Air - System Optimization - 50% energy savings	Miscellaneous Manufacturing	11.80	2.12	1.54	0.13	3.88			1.54	0.13
Compressed Air - Controls - 15% energy savings	Miscellaneous Manufacturing	10.93	2.11	0.67	0.01	3.35			0.67	0.01
Comp Air - Motor practices-1 (6-100 HP)	Miscellaneous Manufacturing	10.85	2.09	0.09	0.01	2.61			0.09	0.01
Comp Air - Motor practices-1 (100+ HP)	Miscellaneous Manufacturing	10.75	2.08	0.09	0.01	2.57			0.09	0.01
Comp Air - ASD (100+ hp)	Miscellaneous Manufacturing	10.48	2.07	0.28	0.01	2.43			0.28	0.01
Comp Air - Motor practices-1 (1-5 HP)	Miscellaneous Manufacturing	10.45	2.07	0.02	0.00	1.69			0.02	0.00
Comp Air - Replace 100+ HP motor	Miscellaneous Manufacturing	10.38	2.06	0.07	0.01	1.26			0.07	0.01
Comp Air - Replace 1-5 HP motor	Miscellaneous Manufacturing	10.35	2.06	0.02	0.00	0.79			0.00	0.00
Generic Compressed Air Improvements 20%	Miscellaneous Manufacturing	9.73	1.97	0.62	0.09	0.69			0.00	0.00
Comp Air - Replace 6-100 HP motor	Miscellaneous Manufacturing	9.66	1.95	0.08	0.01	0.61			0.00	0.00
Generic Compressed Air Improvements 30%	Miscellaneous Manufacturing	9.47	1.93	0.19	0.03	0.26			0.00	0.00
Comp Air - ASD (1-5 hp)	Miscellaneous Manufacturing	9.45	1.93	0.02	0.00	0.34			0.00	0.00
Base Fans	Miscellaneous Manufacturing	8.11	1.20	0.00	0.00	N/A	8.11	1.20	0.00	0.00
Fans - O&M - 10% savings	Miscellaneous Manufacturing	7.34	1.08	0.77	0.11	75.77			0.77	0.11
Fans- Improve components - 20% savings	Miscellaneous Manufacturing	6.07	0.90	1.27	0.19	16.85			1.27	0.19
Fans - Controls - 40% savings	Miscellaneous Manufacturing	4.64	0.87	1.43	0.03	2.39			1.43	0.03
Fans - Motor practices-1 (6-100 HP)	Miscellaneous Manufacturing	4.60	0.86	0.04	0.01	2.98			0.04	0.01
Fans - ASD (6-100 hp)	Miscellaneous Manufacturing	4.59	0.86	0.02	0.00	2.34			0.02	0.00
Fans - System Optimization - 25% savings	Miscellaneous Manufacturing	3.80	0.80	0.79	0.07	2.09			0.79	0.07
Fans - Motor practices-1 (1-5 HP)	Miscellaneous Manufacturing	3.79	0.80	0.01	0.00	1.66			0.01	0.00
Fans - ASD (100+ hp)	Miscellaneous Manufacturing	3.73	0.79	0.06	0.00	1.49			0.06	0.00
Fans - Motor practices-1 (100+ HP)	Miscellaneous Manufacturing	3.71	0.79	0.01	0.00	1.30			0.01	0.00
Fans - Replace 100+ HP motor	Miscellaneous Manufacturing	3.69	0.79	0.03	0.00	1.21			0.03	0.00
Fans - System Optimization - 40% savings	Miscellaneous Manufacturing	3.39	0.76	0.30	0.02	0.54			0.00	0.00
Fans - Replace 1-5 HP motor	Miscellaneous Manufacturing	3.38	0.76	0.01	0.00	0.70			0.00	0.00
Fans - Replace 6-100 HP motor	Miscellaneous Manufacturing	3.36	0.76	0.02	0.00	0.45			0.00	0.00
Fans - ASD (1-5 hp)	Miscellaneous Manufacturing	3.36	0.76	0.01	0.00	0.32			0.00	0.00
Base Pumps	Miscellaneous Manufacturing	10.64	1.57	0.00	0.00	N/A	10.64	1.57	0.00	0.00
Pumps - O&M - 10% savings	Miscellaneous Manufacturing	9.62	1.42	1.02	0.15	23.00			1.02	0.15
Pumps - ASD (6-100 hp)	Miscellaneous Manufacturing	9.47	1.42	0.15	0.00	15.80			0.15	0.00
Pumps - Controls - 40% savings	Miscellaneous Manufacturing	8.14	1.39	1.33	0.02	9.13			1.33	0.02
Pumps - Sizing - 20% savings	Miscellaneous Manufacturing	7.79	1.28	0.35	0.11	4.83			0.35	0.11
Pumps - System Optimization - 30% savings	Miscellaneous Manufacturing	6.28	1.15	1.51	0.13	2.96			1.51	0.13
Pumps - Motor practices-1 (6-100 HP)	Miscellaneous Manufacturing	6.23	1.15	0.05	0.01	3.08			0.05	0.01
Pumps - Motor practices-1 (100+ HP)	Miscellaneous Manufacturing	6.17	1.14	0.05	0.01	3.03			0.05	0.01
Pumps - ASD (100+ hp)	Miscellaneous Manufacturing	6.01	1.13	0.16	0.00	2.87			0.16	0.00
Pumps - System Optimization - 50% savings	Miscellaneous Manufacturing	5.31	1.08	0.71	0.06	0.88			0.00	0.00
Pumps - Motor practices-1 (1-5 HP)	Miscellaneous Manufacturing	5.30	1.07	0.01	0.00	1.77			0.01	0.00
Pumps - Replace 100+ HP motor	Miscellaneous Manufacturing	5.26	1.07	0.04	0.01	1.32			0.04	0.01
Pumps - Replace 1-5 HP motor	Miscellaneous Manufacturing	5.25	1.07	0.01	0.00	0.83			0.00	0.00
Generic Pump Improvements 20%	Miscellaneous Manufacturing	4.93	1.02	0.31	0.05	0.72			0.00	0.00
Pumps - Replace 6-100 HP motor	Miscellaneous Manufacturing	4.89	1.01	0.04	0.01	0.64			0.00	0.00
Generic Pump Improvements 30%	Miscellaneous Manufacturing	4.80	1.00	0.10	0.01	0.27			0.00	0.00
Pumps - ASD (1-5 hp)	Miscellaneous Manufacturing	4.79	1.00	0.01	0.00	0.35			0.00	0.00
Base Drives	Miscellaneous Manufacturing	39.69	5.86	0.00	0.00	N/A	39.69	5.86	0.00	0.00
Efficient Machinery	Miscellaneous Manufacturing	39.51	5.83	0.18	0.03	6.58			0.18	0.03
Drives - Scheduling	Miscellaneous Manufacturing	39.32	5.82	0.18	0.01	3.75			0.18	0.01
Process Drives - ASD	Miscellaneous Manufacturing	39.26	5.82	0.06	0.00	2.12			0.06	0.00
Generic Drives Improvements 20%	Miscellaneous Manufacturing	36.12	5.36	3.14	0.46	1.45			3.14	0.46
Generic Drives Improvements 30%	Miscellaneous Manufacturing	35.18	5.22	0.94	0.14	0.53			0.00	0.00
Base Heating	Miscellaneous Manufacturing	19.46	0.48	0.00	0.00	N/A	19.46	0.48	0.00	0.00
Efficient Curing ovens	Miscellaneous Manufacturing	18.88	0.46	0.57	0.01	3.88			0.57	0.01
Base Refrigeration	Miscellaneous Manufacturing	16.13	1.59	0.00	0.00	N/A	16.13	1.59	0.00	0.00
Efficient Refrigeration - Operations - 15% savings	Miscellaneous Manufacturing	13.82	1.36	2.32	0.23	21.39			2.32	0.23
Optimization Refrigeration - 25% savings	Miscellaneous Manufacturing	11.32	1.11	2.49	0.25	2.87			2.49	0.25
Optimization Refrigeration - 50% savings	Miscellaneous Manufacturing	9.88	0.97	1.44	0.14	1.24			1.44	0.14
Base Other Process	Miscellaneous Manufacturing	1.26	0.19	0.00	0.00	N/A	1.26	0.19	0.00	0.00
Process control	Miscellaneous Manufacturing	1.25	0.18	0.01	0.00	4.22			0.01	0.00
Generic Process Improvement 20%	Miscellaneous Manufacturing	1.19	0.18	0.06	0.01	1.11			0.06	0.01
Generic Process Improvement 30%	Miscellaneous Manufacturing	1.17	0.18	0.02	0.00	0.42			0.00	0.00
Base Centrifugal Chiller, 0.58 kW/ton, 500 tons	Miscellaneous Manufacturing	12.77	8.70	0.00	0.00	N/A	12.77	8.70	0.00	0.00
Chiller Tune Up/Diagnostics	Miscellaneous Manufacturing	12.60	8.56	0.17	0.13	6.24			0.17	0.13
Cooling Circ. Pumps - VSD	Miscellaneous Manufacturing	12.17	8.27	0.43	0.29	5.56			0.43	0.29
EMS - Chiller	Miscellaneous Manufacturing	11.37	7.73	0.80	0.54	4.88			0.80	0.54
Window Film - Chiller	Miscellaneous Manufacturing	10.90	7.41	0.47	0.32	3.17			0.47	0.32
Centrifugal Chiller, 0.51 kW/ton, 500 tons	Miscellaneous Manufacturing	10.58	7.27	0.32	0.14	2.03			0.32	0.14
Cool Roof - Chiller	Miscellaneous Manufacturing	10.27	7.06	0.31	0.21	1.35			0.31	0.21
Base DX Packaged System, EER=10.3, 10 tons	Miscellaneous Manufacturing	30.75	20.94	0.00	0.00	N/A	30.75	20.94	0.00	0.00
Prog. Thermostat - DX	Miscellaneous Manufacturing	30.32	20.76	0.43	0.18	21.08			0.43	0.18
Window Film - DX	Miscellaneous Manufacturing	29.55	20.23	0.77	0.53	6.15			0.77	0.53