

RIM – Economic Potential					
#	Measure Name	Test Results	Savings		
		RIM	Summer (MW)	Winter (MW)	Annual Energy (GWh)
<b>Residential</b>					
1	100 103 17 SEER Split-System Air Conditioner / Single Detached	1.12	99.65	0.00	181.64
2	100 104 19 SEER Split-System Air Conditioner / Single Detached	1.12	143.83	0.00	262.32
3	100 105 14 SEER Split-System Heat Pump / Single Detached	1.10	31.41	156.97	211.35
4	100 106 15 SEER Split-System Heat Pump / Single Detached	1.77	71.65	716.53	284.46
5	100 107 17 SEER Split-System Heat Pump / Single Detached	1.10	125.49	226.76	420.90
6	100 108 13 EER Geothermal Heat Pump / Single Detached	1.10	63.00	113.89	211.40
7	100 111 Sealed Attic w/Sprayed Foam Insulated Roof Deck / Single Detached	1.45	72.04	194.46	204.96
8	100 116 Duct Repair / Single Detached	1.82	218.40	436.79	250.72
9	100 117 Reflective Roof / Single Detached	1.05	49.33	0.00	95.37
10	100 119 Window Film / Single Detached	1.40	163.80	-4.83	164.12
11	100 120 Window Tinting / Single Detached	1.58	16.76	0.00	37.99
12	100 121 Default Window With Sunscreen / Single Detached	1.27	230.53	-12.07	242.98
13	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached	1.06	218.40	0.00	429.80
14	100 124 Ceiling R-0 to R-19 Insulation / Single Detached	1.81	5.25	14.10	14.86
15	100 125 Ceiling R-19 to R-38 Insulation / Single Detached	1.64	2.80	7.56	7.97
16	100 126 Wall 2x4 R-0 to Blow-In R-13 Insulation / Single Detached	1.61	5.88	15.89	16.74
17	130 132 15 SEER Split-System Heat Pump / Single Detached	1.76	106.49	212.98	134.18
18	130 133 17 SEER Split-System Heat Pump / Single Detached	1.53	133.65	74.77	308.52
19	130 134 13 EER Geothermal Heat Pump / Single Detached	1.53	67.14	37.58	155.07
20	130 137 Sealed Attics / Single Detached	1.88	45.79	210.09	134.97
21	130 141 Electronically Commutated Motors (ECM) on an Air Handler Unit / Single Detached	1.04	42.56	80.83	134.06
22	130 142 Duct Repair / Single Detached	1.82	162.29	324.58	186.31
23	130 143 Reflective Roof / Single Detached	1.05	36.66	0.00	70.87
24	130 145 Window Film / Single Detached	1.40	121.72	-2.51	121.96
25	130 146 Window Tinting / Single Detached	1.58	12.19	0.00	27.62
26	130 147 Default Window With Sunscreen / Single Detached	1.27	171.31	-7.95	180.56
27	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached	1.06	162.29	0.00	319.39
28	130 150 Ceiling R-0 to R-19 Insulation / Single Detached	1.81	3.47	15.81	10.16
29	130 151 Ceiling R-19 to R-38 Insulation / Single Detached	1.64	1.84	8.47	5.44
30	130 152 Wall 2x4 R-0 to Blow-In R-13 Insulation / Single Detached	1.62	3.74	17.16	11.03
31	190 196 Reflective Roof / Single Detached	1.05	1.34	0.00	3.55
32	190 197 Window Film / Single Detached	1.41	0.28	-0.09	1.03

33	190 198 Window Tinting / Single Detached	1.58	0.46	0.00	1.03
34	190 199 Default Window With Sunscreen / Single Detached	1.41	2.13	-0.33	2.94
35	190 200 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached	1.08	4.41	2.67	11.10
36	190 202 Ceiling R-0 to R-19 Insulation / Single Detached	1.81	0.32	0.34	0.98
37	190 203 Ceiling R-19 to R-38 Insulation / Single Detached	1.62	0.15	0.17	0.48
38	190 204 Wall 2x4 R-0 to Blow-In R-13 Insulation / Single Detached	1.64	0.14	0.16	0.45
39	100 102 15 SEER Split-System Air Conditioner / Multi Attached	1.05	14.21	0.00	26.36
40	100 103 17 SEER Split-System Air Conditioner / Multi Attached	1.09	36.15	0.00	62.49
41	100 104 19 SEER Split-System Air Conditioner / Multi Attached	1.09	52.18	0.00	90.25
42	100 105 14 SEER Split-System Heat Pump / Multi Attached	1.11	12.90	55.00	82.28
43	100 106 15 SEER Split-System Heat Pump / Multi Attached	1.00	27.46	65.15	115.26
44	100 111 Sealed Attic w/Sprayed Foam Insulated Roof Deck / Multi Attached	1.35	28.53	65.72	76.97
45	100 116 Duct Repair / Multi Attached	1.83	109.03	218.05	117.20
46	100 117 Reflective Roof / Multi Attached	1.03	30.78	0.00	57.46
47	100 118 Radiant Barrier / Multi Attached	1.00	36.97	16.03	64.11
48	100 119 Window Film / Multi Attached	1.40	81.77	-2.52	76.86
49	100 124 Ceiling R-0 to R-19 Insulation / Multi Attached	1.33	3.62	8.31	9.73
50	100 125 Ceiling R-19 to R-38 Insulation / Multi Attached	1.33	1.18	2.71	3.17
51	100 126 Wall 2x4 R-0 to Blow-In R-13 Insulation / Multi Attached	1.34	2.52	5.81	6.81
52	130 137 Sealed Attics / Multi Attached	1.86	4.32	16.93	12.09
53	130 142 Duct Repair / Multi Attached	1.83	19.53	39.07	21.00
54	130 143 Reflective Roof / Multi Attached	1.03	5.51	0.00	10.29
55	130 144 Radiant Barrier / Multi Attached	1.01	5.81	2.52	10.07
56	130 145 Window Film / Multi Attached	1.40	14.65	-0.31	13.77
57	130 146 Window Tinting / Multi Attached	1.00	1.78	0.00	3.83
58	130 147 Default Window With Sunscreen / Multi Attached	1.17	4.87	-0.64	6.39
59	130 150 Ceiling R-0 to R-19 Insulation / Multi Attached	1.84	0.57	2.21	1.58
60	130 151 Ceiling R-19 to R-38 Insulation / Multi Attached	1.85	0.18	0.72	0.51
61	130 152 Wall 2x4 R-0 to Blow-In R-13 Insulation / Multi Attached	1.85	0.38	1.50	1.07
62	190 192 HE Room Air Conditioner - EER 12 / Multi Attached	1.00	6.10	0.00	11.66
63	190 199 Default Window With Sunscreen / Multi Attached	1.18	2.11	-0.28	2.77
64	100 102 15 SEER Split-System Air Conditioner / Single Detached - Manufactured	1.12	7.56	0.00	12.41
65	100 103 17 SEER Split-System Air Conditioner / Single Detached - Manufactured	1.16	19.24	0.00	29.42
66	100 104 19 SEER Split-System Air Conditioner / Single Detached - Manufactured	1.16	27.77	0.00	42.49
67	100 105 14 SEER Split-System Heat Pump / Single Detached - Manufactured	1.27	6.44	31.07	36.37
68	100 106 15 SEER Split-System Heat Pump / Single Detached - Manufactured	1.49	30.18	0.00	51.50
69	100 107 17 SEER Split-System Heat Pump / Single Detached - Manufactured	1.06	25.24	44.02	71.02

70	100 108 13 EER Geothermal Heat Pump / Single Detached - Manufactured	1.06	6.35	11.09	17.89
71	100 111 Sealed Attic w/Sprayed Foam Insulated Roof Deck / Single Detached - Manufactured	1.58	15.09	39.31	36.02
72	100 116 Duct Repair / Single Detached - Manufactured	1.12	15.43	19.05	28.88
73	100 118 Radiant Barrier / Single Detached - Manufactured	1.07	24.47	12.00	37.54
74	100 120 Window Tinting / Single Detached - Manufactured	1.07	6.17	0.00	11.73
75	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	1.60	55.08	121.18	108.40
76	100 124 Ceiling R-0 to R-19 Insulation / Single Detached - Manufactured	1.55	3.72	9.67	8.86
77	100 125 Ceiling R-19 to R-38 Insulation / Single Detached - Manufactured	1.54	0.35	0.92	0.84
78	100 126 Wall 2x4 R-0 to Blow-In R-13 Insulation / Single Detached - Manufactured	1.58	0.30	0.79	0.72
79	130 132 15 SEER Split-System Heat Pump / Single Detached - Manufactured	1.61	20.99	33.59	26.87
80	130 137 Sealed Attics / Single Detached - Manufactured	1.88	4.50	19.90	11.12
81	130 142 Duct Repair / Single Detached - Manufactured	1.28	4.78	6.11	7.42
82	130 144 Radiant Barrier / Single Detached - Manufactured	1.07	7.55	3.70	11.58
83	130 146 Window Tinting / Single Detached - Manufactured	1.07	2.12	0.00	4.04
84	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	1.60	19.20	42.23	37.78
85	130 150 Ceiling R-0 to R-19 Insulation / Single Detached - Manufactured	1.85	1.17	5.16	2.88
86	130 151 Ceiling R-19 to R-38 Insulation / Single Detached - Manufactured	1.84	0.11	0.49	0.27
87	130 152 Wall 2x4 R-0 to Blow-In R-13 Insulation / Single Detached - Manufactured	1.88	0.09	0.40	0.22
88	190 191 HE Room Air Conditioner - EER 11 / Single Detached - Manufactured	1.08	1.01	0.00	1.71
89	190 192 HE Room Air Conditioner - EER 12 / Single Detached - Manufactured	1.07	1.87	0.00	3.16
90	190 198 Window Tinting / Single Detached - Manufactured	1.07	0.24	0.00	0.46
91	190 199 Default Window With Sunscreen / Single Detached - Manufactured	1.26	0.65	-0.10	0.75
92	190 200 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	1.01	1.34	0.78	2.83
<b>Commercial</b>					
1	160 161 LED Exit Sign / Office	1.68	0.58	0.09	0.56
2	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Office	1.11	8.49	0.02	18.23
3	300 305 Chiller Tune Up/Diagnostics / Office	1.63	6.18	0.04	5.45
4	300 311 Window Film (Standard) / Office	1.01	0.48	-0.02	1.01
5	300 313 Ceiling Insulation / Office	1.67	2.84	6.39	6.66
6	300 314 Roof Insulation / Office	1.25	1.44	0.04	2.45
7	300 315 Cool Roof - Chiller / Office	1.10	5.77	0.00	11.64
8	300 317 Thermal Energy Storage (TES) Positive / Office	5.71	9.05	0.02	-2.27
9	320 321 DX Packaged System, EER=10.9, 10 tons / Office	1.12	5.93	0.00	11.53
10	320 332 Window Film (Standard) / Office	1.01	1.12	-0.22	2.35
11	320 334 Ceiling Insulation / Office	1.67	6.90	15.55	16.20
12	320 335 Roof Insulation / Office	1.28	3.67	1.27	5.96
13	340 342 Geothermal Heat Pump, EER=13, 10 tons / Office	1.05	3.94	0.00	9.75

14	340 347 Window Film (Standard) / Office	1.02	0.25	0.00	0.52
15	340 349 Ceiling Insulation / Office	1.67	1.54	3.46	3.60
16	340 350 Roof Insulation / Office	1.28	0.81	0.02	1.33
17	340 351 Cool Roof - DX / Office	1.10	3.10	0.00	6.26
18	360 361 HE PTAC, EER=9.6, 1 ton / Office	1.09	5.85	0.41	12.01
19	400 405 Demand Control Ventilation (DCV) / Office	1.74	53.81	32.43	23.72
20	400 406 Energy Recovery Ventilation (ERV) / Office	1.81	24.60	14.82	10.84
21	160 161 LED Exit Sign / Restaurant or Services	1.19	0.36	0.07	0.63
22	300 309 Duct/Pipe Insulation / Restaurant or Services	1.01	0.04	0.00	0.07
23	300 311 Window Film (Standard) / Restaurant or Services	1.01	0.15	0.00	0.32
24	300 313 Ceiling Insulation / Restaurant or Services	1.67	0.13	0.30	0.31
25	300 314 Roof Insulation / Restaurant or Services	1.14	0.06	0.00	0.11
26	300 315 Cool Roof - Chiller / Restaurant or Services	1.10	0.28	0.00	0.56
27	300 317 Thermal Energy Storage (TES) Positive / Restaurant or Services	3.66	-0.05	0.00	-0.11
28	320 321 DX Packaged System, EER=10.9, 10 tons / Restaurant or Services	1.12	5.74	0.00	11.16
29	340 345 Duct/Pipe Insulation / Restaurant or Services	1.02	0.13	0.00	0.26
30	340 351 Cool Roof - DX / Restaurant or Services	1.10	0.99	0.00	1.99
31	400 405 Demand Control Ventilation (DCV) / Restaurant or Services	1.74	26.52	15.98	11.69
32	400 406 Energy Recovery Ventilation (ERV) / Restaurant or Services	1.81	12.12	7.30	5.34
33	160 161 LED Exit Sign / Retail	1.39	0.22	0.03	0.29
34	300 305 Chiller Tune Up/Diagnostics / Retail	1.63	1.50	0.01	1.32
35	300 311 Window Film (Standard) / Retail	1.02	0.51	-0.02	1.08
36	300 313 Ceiling Insulation / Retail	1.67	0.69	1.55	1.61
37	300 314 Roof Insulation / Retail	1.29	0.37	0.01	0.59
38	300 315 Cool Roof - Chiller / Retail	1.10	1.74	0.00	3.51
39	320 321 DX Packaged System, EER=10.9, 10 tons / Retail	1.12	3.68	0.00	7.15
40	320 334 Ceiling Insulation / Retail	1.67	4.28	9.64	10.05
41	320 335 Roof Insulation / Retail	1.32	2.42	0.62	3.70
42	340 349 Ceiling Insulation / Retail	1.67	0.12	0.28	0.29
43	340 351 Cool Roof - DX / Retail	1.10	0.31	0.00	0.63
44	360 361 HE PTAC, EER=9.6, 1 ton / Retail	1.09	3.66	0.26	7.51
45	400 405 Demand Control Ventilation (DCV) / Retail	1.74	20.22	12.19	8.92
46	400 406 Energy Recovery Ventilation (ERV) / Retail	1.81	9.24	5.57	4.08
47	160 161 LED Exit Sign / Food Store	1.08	0.02	0.01	0.04
48	300 311 Window Film (Standard) / Food Store	1.02	0.11	-0.01	0.23
49	300 313 Ceiling Insulation / Food Store	1.67	0.17	0.39	0.41
50	300 314 Roof Insulation / Food Store	1.10	0.07	0.00	0.15

51	320 321 DX Packaged System, EER=10.9, 10 tons / Food Store	1.12	2.90	0.00	5.63
52	320 334 Ceiling Insulation / Food Store	1.67	3.37	7.59	7.91
53	320 335 Roof Insulation / Food Store	1.13	1.40	0.63	2.91
54	340 351 Cool Roof - DX / Food Store	1.10	0.24	0.00	0.49
55	360 361 HE PTAC, EER=9.6, 1 ton / Food Store	1.09	0.00	0.00	0.00
56	400 405 Demand Control Ventilation (DCV) / Food Store	1.74	10.95	6.60	4.82
57	400 406 Energy Recovery Ventilation (ERV) / Food Store	1.81	5.00	3.01	2.21
58	160 161 LED Exit Sign / School	1.12	0.11	0.06	0.23
59	300 305 Chiller Tune Up/Diagnostics / School	1.63	3.58	0.02	3.16
60	300 311 Window Film (Standard) / School	1.01	1.64	-0.05	3.45
61	300 313 Ceiling Insulation / School	1.67	1.64	3.70	3.86
62	300 314 Roof Insulation / School	1.18	0.75	0.01	1.42
63	320 321 DX Packaged System, EER=10.9, 10 tons / School	1.12	1.03	0.00	2.00
64	320 334 Ceiling Insulation / School	1.67	1.20	2.69	2.81
65	320 335 Roof Insulation / School	1.21	0.57	0.14	1.03
66	340 349 Ceiling Insulation / School	1.67	0.30	0.67	0.70
67	340 351 Cool Roof - DX / School	1.10	0.92	0.00	1.85
68	360 361 HE PTAC, EER=9.6, 1 ton / School	1.09	2.92	0.21	5.99
69	400 405 Demand Control Ventilation (DCV) / School	1.74	14.23	8.58	6.27
70	400 406 Energy Recovery Ventilation (ERV) / School	1.81	6.51	3.92	2.87
71	160 161 LED Exit Sign / College	1.71	0.19	0.02	0.18
72	300 305 Chiller Tune Up/Diagnostics / College	1.63	3.02	0.03	2.67
73	300 311 Window Film (Standard) / College	1.01	1.52	-0.11	3.20
74	300 313 Ceiling Insulation / College	1.67	1.39	3.13	3.26
75	300 314 Roof Insulation / College	1.17	0.62	0.03	1.20
76	320 321 DX Packaged System, EER=10.9, 10 tons / College	1.12	1.13	0.00	2.19
77	320 334 Ceiling Insulation / College	1.67	1.31	2.95	3.08
78	320 335 Roof Insulation / College	1.19	0.61	0.36	1.13
79	340 349 Ceiling Insulation / College	1.67	0.08	0.18	0.19
80	340 351 Cool Roof - DX / College	1.10	0.29	0.00	0.58
81	360 361 HE PTAC, EER=9.6, 1 ton / College	1.09	2.73	0.19	5.61
82	400 405 Demand Control Ventilation (DCV) / College	1.74	22.97	13.84	10.13
83	400 406 Energy Recovery Ventilation (ERV) / College	1.81	10.50	6.33	4.63
84	300 313 Ceiling Insulation / Hospital	1.67	1.74	3.91	4.08
85	300 314 Roof Insulation / Hospital	1.07	0.65	0.03	1.50
86	320 321 DX Packaged System, EER=10.9, 10 tons / Hospital	1.12	0.17	0.00	0.33
87	340 351 Cool Roof - DX / Hospital	1.10	0.04	0.00	0.07

88	400 405 Demand Control Ventilation (DCV) / Hospital	1.74	15.23	9.17	6.71
89	400 406 Energy Recovery Ventilation (ERV) / Hospital	1.81	6.96	4.19	3.07
90	160 161 LED Exit Sign / Other Healthcare	1.33	0.05	0.01	0.07
91	300 311 Window Film (Standard) / Other Healthcare	1.02	0.07	-0.01	0.15
92	300 313 Ceiling Insulation / Other Healthcare	1.67	0.16	0.36	0.38
93	300 314 Roof Insulation / Other Healthcare	1.29	0.09	0.00	0.14
94	320 321 DX Packaged System, EER=10.9, 10 tons / Other Healthcare	1.12	1.18	0.00	2.29
95	320 334 Ceiling Insulation / Other Healthcare	1.67	1.37	3.08	3.21
96	320 335 Roof Insulation / Other Healthcare	1.32	0.77	0.45	1.18
97	340 349 Ceiling Insulation / Other Healthcare	1.67	0.05	0.12	0.12
98	340 351 Cool Roof - DX / Other Healthcare	1.10	0.14	0.00	0.27
99	360 361 HE PTAC, EER=9.6, 1 ton / Other Healthcare	1.09	2.29	0.16	4.70
100	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Other Healthcare	1.03	1.89	0.00	4.33
101	400 405 Demand Control Ventilation (DCV) / Other Healthcare	1.74	5.99	3.61	2.64
102	400 406 Energy Recovery Ventilation (ERV) / Other Healthcare	1.81	2.74	1.65	1.21
103	300 305 Chiller Tune Up/Diagnostics / Warehouse	1.63	0.01	0.00	0.01
104	300 311 Window Film (Standard) / Warehouse	1.02	0.00	0.00	0.00
105	300 313 Ceiling Insulation / Warehouse	1.67	0.01	0.01	0.01
106	300 314 Roof Insulation / Warehouse	1.20	0.00	0.00	0.01
107	320 321 DX Packaged System, EER=10.9, 10 tons / Warehouse	1.12	0.22	0.00	0.42
108	320 334 Ceiling Insulation / Warehouse	1.67	0.25	0.57	0.59
109	320 335 Roof Insulation / Warehouse	1.82	0.12	0.29	0.22
110	340 349 Ceiling Insulation / Warehouse	1.67	0.01	0.02	0.02
111	340 351 Cool Roof - DX / Warehouse	1.10	0.02	0.00	0.04
112	360 361 HE PTAC, EER=9.6, 1 ton / Warehouse	1.09	0.00	0.00	0.00
113	400 405 Demand Control Ventilation (DCV) / Warehouse	1.74	5.09	3.07	2.25
114	400 406 Energy Recovery Ventilation (ERV) / Warehouse	1.81	2.32	1.40	1.02
115	160 161 LED Exit Sign / Hotel or Motel	1.34	0.11	0.02	0.16
116	300 311 Window Film (Standard) / Hotel or Motel	1.01	1.44	-0.07	3.03
117	300 313 Ceiling Insulation / Hotel or Motel	1.67	1.78	4.01	4.18
118	300 314 Roof Insulation / Hotel or Motel	1.06	0.65	0.02	1.53
119	320 321 DX Packaged System, EER=10.9, 10 tons / Hotel or Motel	1.12	4.14	0.00	8.05
120	320 334 Ceiling Insulation / Hotel or Motel	1.67	4.82	10.86	11.31
121	320 335 Roof Insulation / Hotel or Motel	1.08	1.85	0.90	4.16
122	340 349 Ceiling Insulation / Hotel or Motel	1.67	0.03	0.07	0.07
123	340 351 Cool Roof - DX / Hotel or Motel	1.10	0.11	0.00	0.22
124	400 405 Demand Control Ventilation (DCV) / Hotel or Motel	1.74	20.36	12.27	8.97

125	400 406 Energy Recovery Ventilation (ERV) / Hotel or Motel	1.81	9.31	5.61	4.10
126	160 161 LED Exit Sign / Other	1.18	0.01	0.00	0.02
127	300 305 Chiller Tune Up/Diagnostics / Other	1.63	0.12	0.00	0.10
128	300 311 Window Film (Standard) / Other	1.02	0.05	-0.01	0.11
129	300 313 Ceiling Insulation / Other	1.67	0.05	0.12	0.13
130	300 314 Roof Insulation / Other	1.13	0.02	0.00	0.05
131	320 321 DX Packaged System, EER=10.9, 10 tons / Other	1.12	0.08	0.00	0.15
132	320 334 Ceiling Insulation / Other	1.67	0.09	0.20	0.21
133	320 335 Roof Insulation / Other	1.81	0.04	0.09	0.08
134	340 349 Ceiling Insulation / Other	1.67	0.00	0.01	0.01
135	340 351 Cool Roof - DX / Other	1.10	0.01	0.00	0.02
136	360 361 HE PTAC, EER=9.6, 1 ton / Other	1.09	0.00	0.00	0.00
137	400 405 Demand Control Ventilation (DCV) / Other	1.74	2.14	1.29	0.94
138	400 406 Energy Recovery Ventilation (ERV) / Other	1.81	0.98	0.59	0.43
139	100 146 LED (12-Watt) / All	1.84	0.13	0.08	0.12
<b>Industrial</b>					
0	None	N/A	N/A	N/A	N/A

TRC – Economic Potential					
#	Measure Name	Test Results	Savings		
		TRC	Summer (MW)	Winter (MW)	Annual Energy (GWh)
<b>Residential</b>					
1	100 106 15 SEER Split-System Heat Pump / Single Detached	1.15	71.65	716.53	284.46
2	100 115 Electronically Commutated Motors (ECM) on an Air Handler Unit / Single Detached	3.12	32.10	0.00	97.84
3	100 116 Duct Repair / Single Detached	8.93	218.40	436.79	250.72
4	100 119 Window Film / Single Detached	1.43	163.80	-4.83	164.12
5	100 121 Default Window With Sunscreen / Single Detached	5.08	230.53	-12.07	242.98
6	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached	1.12	218.40	0.00	429.80
7	100 124 Ceiling R-0 to R-19 Insulation / Single Detached	2.61	5.25	14.10	14.86
8	130 132 15 SEER Split-System Heat Pump / Single Detached	2.32	106.49	212.98	134.18
9	130 136 Attic Venting / Single Detached	1.73	14.58	33.32	71.07
10	130 138 AC Maintenance (Outdoor Coil Cleaning) / Single Detached	1.42	30.53	0.00	78.89
11	130 141 Electronically Commutated Motors (ECM) on an Air Handler Unit / Single Detached	2.26	42.56	80.83	134.06
12	130 142 Duct Repair / Single Detached	8.93	162.29	324.58	186.31
13	130 145 Window Film / Single Detached	1.43	121.72	-2.51	121.96
14	130 147 Default Window With Sunscreen / Single Detached	4.62	171.31	-7.95	180.56
15	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached	1.15	162.29	0.00	319.39
16	130 150 Ceiling R-0 to R-19 Insulation / Single Detached	2.41	3.47	15.81	10.16
17	190 191 HE Room Air Conditioner - EER 11 / Single Detached	3.00	3.34	0.00	6.73
18	190 192 HE Room Air Conditioner - EER 12 / Single Detached	2.61	6.16	0.00	12.41
19	190 202 Ceiling R-0 to R-19 Insulation / Single Detached	2.74	0.32	0.34	0.98
20	220 221 CFL (18-Watt integral ballast), 0.5 hr/day / Single Detached	3.75	1.25	1.75	23.39
21	260 262 Photocell/timeclock / Single Detached	2.69	0.49	0.69	9.30
22	300 301 HE Refrigerator - Energy Star version of above / Single Detached	1.74	22.21	20.57	166.61
23	400 401 Heat Pump Water Heater (EF=2.9) / Single Detached	1.33	48.75	141.04	640.20
24	400 410 Water Heater Timeclock / Single Detached	1.82	3.88	11.22	50.95
25	800 803 Variable-Speed Pool Pump (<1 hp) / Single Detached	1.82	132.17	25.70	619.05
26	100 105 14 SEER Split-System Heat Pump / Multi Attached	2.95	12.90	55.00	82.28
27	100 115 Electronically Commutated Motors (ECM) on an Air Handler Unit / Multi Attached	2.86	12.71	0.00	36.74
28	100 116 Duct Repair / Multi Attached	6.69	109.03	218.05	117.20



29	100 119 Window Film / Multi Attached	4.68	81.77	-2.52	76.86
30	100 120 Window Tinting / Multi Attached	1.86	10.27	0.00	22.07
31	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Multi Attached	2.52	64.29	33.21	153.43
32	100 124 Ceiling R-0 to R-19 Insulation / Multi Attached	1.85	3.62	8.31	9.73
33	130 140 Proper Refrigerant Charging and Air Flow / Multi Attached	3.36	2.72	0.00	6.75
34	130 142 Duct Repair / Multi Attached	6.69	19.53	39.07	21.00
35	130 145 Window Film / Multi Attached	4.68	14.65	-0.31	13.77
36	130 146 Window Tinting / Multi Attached	1.82	1.78	0.00	3.83
37	130 147 Default Window With Sunscreen / Multi Attached	4.83	4.87	-0.64	6.39
38	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Multi Attached	2.21	10.10	5.21	24.09
39	130 150 Ceiling R-0 to R-19 Insulation / Multi Attached	2.31	0.57	2.21	1.58
40	190 191 HE Room Air Conditioner - EER 11 / Multi Attached	2.68	3.31	0.00	6.32
41	190 192 HE Room Air Conditioner - EER 12 / Multi Attached	2.34	6.10	0.00	11.66
42	190 198 Window Tinting / Multi Attached	1.16	0.70	0.00	1.50
43	190 200 Single Pane Clear Windows to Double Pane Low-E Windows / Multi Attached	5.37	4.37	2.26	10.42
44	220 221 CFL (18-Watt integral ballast), 0.5 hr/day / Multi Attached	3.74	0.55	0.78	10.48
45	260 262 Photocell/timeclock / Multi Attached	2.69	0.22	0.31	4.12
46	300 301 HE Refrigerator - Energy Star version of above / Multi Attached	2.18	9.78	9.05	73.33
47	350 351 HE Freezer / Multi Attached	1.09	0.21	0.19	1.57
48	400 410 Water Heater Timeclock / Multi Attached	1.23	1.45	3.73	16.13
49	800 803 Variable-Speed Pool Pump (<1 hp) / Multi Attached	1.82	0.49	0.09	2.28
50	100 105 14 SEER Split-System Heat Pump / Single Detached - Manufactured	3.71	6.44	31.07	36.37
51	100 106 15 SEER Split-System Heat Pump / Single Detached - Manufactured	1.48	30.18	0.00	51.50
52	100 112 AC Maintenance (Outdoor Coil Cleaning) / Single Detached - Manufactured	1.01	9.36	0.00	20.31
53	100 113 AC Maintenance (Indoor Coil Cleaning) / Single Detached - Manufactured	1.00	9.86	0.00	21.41
54	100 115 Electronically Commutated Motors (ECM) on an Air Handler Unit / Single Detached - Manufactured	3.51	6.72	0.00	17.19
55	100 116 Duct Repair / Single Detached - Manufactured	2.51	15.43	19.05	28.88
56	100 120 Window Tinting / Single Detached - Manufactured	1.12	6.17	0.00	11.73
57	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	3.17	55.08	121.18	108.40
58	100 124 Ceiling R-0 to R-19 Insulation / Single Detached - Manufactured	2.32	3.72	9.67	8.86
59	130 132 15 SEER Split-System Heat Pump / Single Detached - Manufactured	3.60	20.99	33.59	26.87
60	130 136 Attic Venting / Single Detached - Manufactured	1.30	1.43	3.16	5.85
61	130 142 Duct Repair / Single Detached - Manufactured	2.11	4.78	6.11	7.42

62	130 146 Window Tinting / Single Detached - Manufactured	1.11	2.12	0.00	4.04
63	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	3.17	19.20	42.23	37.78
64	130 150 Ceiling R-0 to R-19 Insulation / Single Detached - Manufactured	2.59	1.17	5.16	2.88
65	190 191 HE Room Air Conditioner - EER 11 / Single Detached - Manufactured	2.80	1.01	0.00	1.71
66	190 192 HE Room Air Conditioner - EER 12 / Single Detached - Manufactured	2.42	1.87	0.00	3.16
67	190 197 Window Film / Single Detached - Manufactured	2.78	0.15	-0.05	0.46
68	190 200 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	2.36	1.34	0.78	2.83
69	220 221 CFL (18-Watt integral ballast), 0.5 hr/day / Single Detached - Manufactured	3.73	0.24	0.34	4.58
70	260 262 Photocell/timeclock / Single Detached - Manufactured	2.69	0.10	0.14	1.83
71	300 301 HE Refrigerator - Energy Star version of above / Single Detached - Manufactured	1.74	4.32	4.00	32.38
72	400 410 Water Heater Timeclock / Single Detached - Manufactured	1.35	0.68	1.74	8.73
73	800 803 Variable-Speed Pool Pump (<1 hp) / Single Detached - Manufactured	1.82	1.85	0.36	8.66
74	200 232 LED 12W, 2.5hr/hday / All	2.23	23.04	30.11	403.56
75	200 242 LED 12W, 6.0hr/hday / All	2.39	11.85	15.48	207.55
76	260 263 LED Directional 13W (Flood, Outdoor) / All	2.09	0.00	0.00	90.37
<b>Commercial</b>					
1	110 111 Premium T8, Electronic Ballast / Office	1.44	13.71	6.98	43.95
2	110 112 Premium T8, EB, Reflector / Office	2.23	12.81	6.52	41.06
3	110 113 Occupancy Sensor / Office	1.38	11.04	4.19	33.10
4	120 123 Occupancy Sensor / Office	1.22	6.75	2.56	20.25
5	140 141 CFL Hardwired, Modular 18W / Office	1.30	5.37	3.61	13.41
6	200 202 Outdoor Lighting Controls (Photocell/Timeclock) / Office	1.21	0.13	0.04	1.27
7	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Office	6.00	8.49	0.02	18.23
8	300 302 High Efficiency Chiller Motors / Office	3.64	1.60	0.00	4.97
9	300 304 EMS - Chiller / Office	2.00	0.33	0.02	1.45
10	300 305 Chiller Tune Up/Diagnostics / Office	4.86	6.18	0.04	5.45
11	300 306 VSD for Chiller Pumps and Towers / Office	3.83	1.90	0.03	8.40
12	300 311 Window Film (Standard) / Office	1.58	0.48	-0.02	1.01
13	300 313 Ceiling Insulation / Office	3.21	2.84	6.39	6.66
14	300 314 Roof Insulation / Office	2.26	1.44	0.04	2.45
15	300 315 Cool Roof - Chiller / Office	1.07	5.77	0.00	11.64
16	300 317 Thermal Energy Storage (TES) Positive / Office	5.00	0.00	0.00	0.00
17	320 321 DX Packaged System, EER=10.9, 10 tons / Office	1.63	5.93	0.00	11.53

18	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Office	1.82	14.04	0.00	85.20
19	320 332 Window Film (Standard) / Office	2.29	1.12	-0.22	2.35
20	320 334 Ceiling Insulation / Office	5.10	6.90	15.55	16.20
21	320 335 Roof Insulation / Office	3.68	3.67	1.27	5.96
22	340 347 Window Film (Standard) / Office	2.46	0.25	0.00	0.52
23	340 349 Ceiling Insulation / Office	5.22	1.54	3.46	3.60
24	340 350 Roof Insulation / Office	3.75	0.81	0.02	1.33
25	340 351 Cool Roof - DX / Office	1.73	3.10	0.00	6.26
26	360 361 HE PTAC, EER=9.6, 1 ton / Office	3.89	5.85	0.41	12.01
27	360 362 Occupancy Sensor (hotels) / Office	1.97	4.05	0.05	12.16
28	400 401 High Efficiency Fan Motor, 15hp, 1800rpm, 92.4% / Office	3.20	1.42	0.52	4.09
29	400 402 Variable Speed Drive Control / Office	2.64	0.95	0.88	27.51
30	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Office	2.70	5.27	0.00	39.10
31	600 603 Heat Pump Water Heater (air source) / Office	2.56	3.02	2.29	19.49
32	600 604 Solar Water Heater / Office	1.38	1.57	1.19	10.13
33	600 608 Heat Recovery Unit / Office	1.57	1.96	1.48	12.64
34	600 610 Hot Water Pipe Insulation / Office	1.06	0.05	0.04	0.32
35	110 111 Premium T8, Electronic Ballast / Restaurant or Services	1.48	2.05	1.04	6.56
36	110 112 Premium T8, EB, Reflector / Restaurant or Services	2.28	1.28	0.65	4.09
37	140 141 CFL Hardwired, Modular 18W / Restaurant or Services	1.26	5.03	3.38	12.57
38	300 302 High Efficiency Chiller Motors / Restaurant or Services	5.43	0.05	0.00	0.23
39	300 311 Window Film (Standard) / Restaurant or Services	4.11	0.15	0.00	0.32
40	300 313 Ceiling Insulation / Restaurant or Services	8.73	0.13	0.30	0.31
41	300 314 Roof Insulation / Restaurant or Services	5.62	0.06	0.00	0.11
42	300 315 Cool Roof - Chiller / Restaurant or Services	2.89	0.28	0.00	0.56
43	300 317 Thermal Energy Storage (TES) Positive / Restaurant or Services	7.68	0.00	0.00	0.00
44	320 321 DX Packaged System, EER=10.9, 10 tons / Restaurant or Services	2.88	5.74	0.00	11.16
45	320 336 Cool Roof - DX / Restaurant or Services	3.91	10.26	0.00	28.16
46	340 351 Cool Roof - DX / Restaurant or Services	4.67	0.99	0.00	1.99
47	360 362 Occupancy Sensor (hotels) / Restaurant or Services	3.48	4.11	0.03	12.33
48	400 401 High Efficiency Fan Motor, 15hp, 1800rpm, 92.4% / Restaurant or Services	2.69	0.70	0.15	2.02
49	400 402 Variable Speed Drive Control / Restaurant or Services	1.85	0.00	0.00	0.00
50	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Restaurant or Services	3.16	2.47	0.00	19.27

51	400 406 Energy Recovery Ventilation (ERV) / Restaurant or Services	1.14	12.12	7.30	5.34
52	600 604 Solar Water Heater / Restaurant or Services	2.24	2.56	0.92	15.85
53	600 610 Hot Water Pipe Insulation / Restaurant or Services	1.61	0.08	0.03	0.51
54	110 111 Premium T8, Electronic Ballast / Retail	1.44	5.44	2.77	17.44
55	110 112 Premium T8, EB, Reflector / Retail	2.22	3.39	1.72	10.86
56	140 141 CFL Hardwired, Modular 18W / Retail	1.12	4.42	2.97	11.04
57	300 302 High Efficiency Chiller Motors / Retail	5.17	0.30	0.00	1.20
58	300 304 EMS - Chiller / Retail	3.20	0.08	0.00	0.35
59	300 305 Chiller Tune Up/Diagnostics / Retail	5.01	1.50	0.01	1.32
60	300 311 Window Film (Standard) / Retail	1.56	0.51	-0.02	1.08
61	300 313 Ceiling Insulation / Retail	3.31	0.69	1.55	1.61
62	300 314 Roof Insulation / Retail	2.40	0.37	0.01	0.59
63	300 315 Cool Roof - Chiller / Retail	1.06	1.74	0.00	3.51
64	300 317 Thermal Energy Storage (TES) Positive / Retail	1.85	0.00	0.00	0.00
65	320 321 DX Packaged System, EER=10.9, 10 tons / Retail	2.56	3.68	0.00	7.15
66	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Retail	2.90	9.26	0.00	52.83
67	320 326 DX Tune Up/ Advanced Diagnostics / Retail	2.17	1.25	0.00	3.37
68	320 334 Ceiling Insulation / Retail	5.25	4.28	9.64	10.05
69	320 335 Roof Insulation / Retail	3.92	2.42	0.62	3.70
70	340 349 Ceiling Insulation / Retail	5.37	0.12	0.28	0.29
71	340 351 Cool Roof - DX / Retail	1.72	0.31	0.00	0.63
72	360 361 HE PTAC, EER=9.6, 1 ton / Retail	6.10	3.66	0.26	7.51
73	400 402 Variable Speed Drive Control / Retail	2.06	0.16	0.13	4.59
74	400 403 Air Handler Optimization / Retail	2.16	0.20	0.16	5.86
75	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Retail	3.58	1.97	0.00	14.70
76	400 406 Energy Recovery Ventilation (ERV) / Retail	1.29	9.24	5.57	4.08
77	600 603 Heat Pump Water Heater (air source) / Retail	2.53	0.56	0.23	3.31
78	110 111 Premium T8, Electronic Ballast / Food Store	1.58	6.13	3.12	19.65
79	300 302 High Efficiency Chiller Motors / Food Store	4.66	0.06	0.00	0.30
80	300 304 EMS - Chiller / Food Store	2.91	0.02	0.00	0.09
81	300 311 Window Film (Standard) / Food Store	3.55	0.11	-0.01	0.23
82	300 313 Ceiling Insulation / Food Store	7.35	0.17	0.39	0.41
83	300 314 Roof Insulation / Food Store	4.56	0.07	0.00	0.15

84	300 317 Thermal Energy Storage (TES) Positive / Food Store	1.36	0.00	0.00	0.00
85	320 321 DX Packaged System, EER=10.9, 10 tons / Food Store	2.56	2.90	0.00	5.63
86	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Food Store	2.68	5.37	0.00	41.59
87	320 334 Ceiling Insulation / Food Store	11.67	3.37	7.59	7.91
88	320 335 Roof Insulation / Food Store	7.42	1.40	0.63	2.91
89	340 351 Cool Roof - DX / Food Store	3.98	0.24	0.00	0.49
90	360 361 HE PTAC, EER=9.6, 1 ton / Food Store	6.09	0.00	0.00	0.00
91	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Food Store	3.57	0.85	0.00	7.95
92	400 406 Energy Recovery Ventilation (ERV) / Food Store	1.29	5.00	3.01	2.21
93	500 501 High-efficiency fan motors / Food Store	2.59	7.44	6.11	60.00
94	500 513 High R-Value Glass Doors / Food Store	2.09	1.01	0.83	8.12
95	500 515 Oversized Air Cooled Condenser / Food Store	3.87	2.74	2.25	22.08
96	500 517 LED Display Lighting / Food Store	1.07	0.51	0.42	4.14
97	600 603 Heat Pump Water Heater (air source) / Food Store	2.36	0.44	0.22	3.19
98	600 608 Heat Recovery Unit / Food Store	2.55	0.28	0.14	2.07
99	110 111 Premium T8, Electronic Ballast / School	1.29	4.94	2.52	15.85
100	120 121 ROB Premium T8, 1EB / School	5.76	0.89	0.45	2.85
101	120 122 ROB Premium T8, EB, Reflector / School	6.79	0.76	0.39	2.43
102	150 152 PSMH, 250 W, electronic ballast / School	4.21	0.33	0.50	2.53
103	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / School	5.06	3.40	0.01	10.56
104	300 302 High Efficiency Chiller Motors / School	3.13	0.61	0.00	2.88
105	300 304 EMS - Chiller / School	1.95	0.17	0.01	0.84
106	300 305 Chiller Tune Up/Diagnostics / School	5.38	3.58	0.02	3.16
107	300 306 VSD for Chiller Pumps and Towers / School	3.74	0.99	0.01	4.87
108	300 311 Window Film (Standard) / School	1.69	1.64	-0.05	3.45
109	300 313 Ceiling Insulation / School	3.55	1.64	3.70	3.86
110	300 314 Roof Insulation / School	2.36	0.75	0.01	1.42
111	300 317 Thermal Energy Storage (TES) Positive / School	1.01	0.00	0.00	0.00
112	320 321 DX Packaged System, EER=10.9, 10 tons / School	1.65	1.03	0.00	2.00
113	320 322 Hybrid Dessicant-DX System (Trane CDQ) / School	1.78	2.18	0.00	14.76
114	320 326 DX Tune Up/ Advanced Diagnostics / School	2.16	0.29	0.00	0.94
115	320 334 Ceiling Insulation / School	5.64	1.20	2.69	2.81
116	320 335 Roof Insulation / School	3.84	0.57	0.14	1.03

117	340 349 Ceiling Insulation / School	5.77	0.30	0.67	0.70
118	340 351 Cool Roof - DX / School	1.77	0.92	0.00	1.85
119	360 361 HE PTAC, EER=9.6, 1 ton / School	3.93	2.92	0.21	5.99
120	400 402 Variable Speed Drive Control / School	2.39	0.24	0.32	8.43
121	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / School	2.45	1.15	0.00	10.34
122	600 606 Demand controlled circulating systems / School	3.18	0.04	0.05	0.39
123	600 610 Hot Water Pipe Insulation / School	2.56	0.02	0.02	0.18
124	110 111 Premium T8, Electronic Ballast / College	1.13	6.64	3.38	21.29
125	120 121 ROB Premium T8, 1EB / College	5.06	1.20	0.61	3.83
126	120 122 ROB Premium T8, EB, Reflector / College	5.97	1.02	0.52	3.26
127	150 152 PSMH, 250 W, electronic ballast / College	4.29	2.71	1.25	12.17
128	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / College	4.96	2.87	0.01	8.92
129	300 302 High Efficiency Chiller Motors / College	3.04	0.51	0.00	2.43
130	300 304 EMS - Chiller / College	1.90	0.14	0.02	0.71
131	300 305 Chiller Tune Up/Diagnostics / College	3.92	3.02	0.03	2.67
132	300 306 VSD for Chiller Pumps and Towers / College	3.64	0.81	0.02	4.11
133	300 311 Window Film (Standard) / College	1.23	1.52	-0.11	3.20
134	300 313 Ceiling Insulation / College	2.59	1.39	3.13	3.26
135	300 314 Roof Insulation / College	1.70	0.62	0.03	1.20
136	320 321 DX Packaged System, EER=10.9, 10 tons / College	1.62	1.13	0.00	2.19
137	320 322 Hybrid Dessicant-DX System (Trane CDQ) / College	1.73	2.33	0.00	16.18
138	320 326 DX Tune Up/ Advanced Diagnostics / College	1.56	0.31	0.00	1.03
139	320 334 Ceiling Insulation / College	4.12	1.31	2.95	3.08
140	320 335 Roof Insulation / College	2.77	0.61	0.36	1.13
141	340 349 Ceiling Insulation / College	4.21	0.08	0.18	0.19
142	340 351 Cool Roof - DX / College	1.25	0.29	0.00	0.58
143	360 361 HE PTAC, EER=9.6, 1 ton / College	3.85	2.73	0.19	5.61
144	400 402 Variable Speed Drive Control / College	2.15	0.53	0.46	17.93
145	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / College	3.71	1.91	0.00	16.69
146	400 406 Energy Recovery Ventilation (ERV) / College	1.34	10.50	6.33	4.63
147	600 608 Heat Recovery Unit / College	2.25	1.01	1.12	8.32
148	600 610 Hot Water Pipe Insulation / College	2.02	0.03	0.03	0.21
149	110 111 Premium T8, Electronic Ballast / Hospital	1.51	2.01	1.02	6.44

150	300 313 Ceiling Insulation / Hospital	11.63	1.74	3.91	4.08
151	300 314 Roof Insulation / Hospital	6.98	0.65	0.03	1.50
152	300 317 Thermal Energy Storage (TES) Positive / Hospital	1.70	0.00	0.00	0.00
153	320 321 DX Packaged System, EER=10.9, 10 tons / Hospital	3.41	0.17	0.00	0.33
154	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Hospital	3.57	0.29	0.00	2.41
155	340 351 Cool Roof - DX / Hospital	6.01	0.04	0.00	0.07
156	400 405 Demand Control Ventilation (DCV) / Hospital	1.10	15.23	9.17	6.71
157	400 406 Energy Recovery Ventilation (ERV) / Hospital	2.75	6.96	4.19	3.07
158	110 111 Premium T8, Electronic Ballast / Other Healthcare	1.47	2.48	1.26	7.95
159	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Other Healthcare	4.89	0.33	0.00	1.03
160	300 302 High Efficiency Chiller Motors / Other Healthcare	3.21	0.07	0.00	0.28
161	300 304 EMS - Chiller / Other Healthcare	1.99	0.02	0.00	0.08
162	300 306 VSD for Chiller Pumps and Towers / Other Healthcare	3.82	0.11	0.00	0.48
163	300 311 Window Film (Standard) / Other Healthcare	2.48	0.07	-0.01	0.15
164	300 313 Ceiling Insulation / Other Healthcare	5.09	0.16	0.36	0.38
165	300 314 Roof Insulation / Other Healthcare	3.69	0.09	0.00	0.14
166	300 317 Thermal Energy Storage (TES) Positive / Other Healthcare	1.14	0.00	0.00	0.00
167	320 321 DX Packaged System, EER=10.9, 10 tons / Other Healthcare	1.59	1.18	0.00	2.29
168	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Other Healthcare	1.80	2.94	0.00	16.89
169	320 326 DX Tune Up/ Advanced Diagnostics / Other Healthcare	3.33	0.40	0.00	1.08
170	320 334 Ceiling Insulation / Other Healthcare	8.09	1.37	3.08	3.21
171	320 335 Roof Insulation / Other Healthcare	6.01	0.77	0.45	1.18
172	340 349 Ceiling Insulation / Other Healthcare	8.27	0.05	0.12	0.12
173	340 351 Cool Roof - DX / Other Healthcare	2.63	0.14	0.00	0.27
174	360 361 HE PTAC, EER=9.6, 1 ton / Other Healthcare	3.79	2.29	0.16	4.70
175	400 402 Variable Speed Drive Control / Other Healthcare	1.61	0.70	0.71	6.24
176	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Other Healthcare	3.26	1.89	0.00	4.33
177	600 610 Hot Water Pipe Insulation / Other Healthcare	1.94	0.00	0.00	0.20
178	110 111 Premium T8, Electronic Ballast / Warehouse	1.41	3.12	1.59	10.01
179	110 115 Lighting Control Tuneup / Warehouse	1.53	0.06	0.03	0.30
180	120 121 ROB Premium T8, 1EB / Warehouse	6.30	0.56	0.29	1.80
181	150 152 PSMH, 250 W, electronic ballast / Warehouse	3.22	1.89	0.91	10.18
182	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Warehouse	5.11	0.01	0.00	0.04

183	300 302 High Efficiency Chiller Motors / Warehouse	3.19	0.00	0.00	0.01
184	300 304 EMS - Chiller / Warehouse	1.98	0.00	0.00	0.00
185	300 306 VSD for Chiller Pumps and Towers / Warehouse	3.81	0.00	0.00	0.02
186	300 317 Thermal Energy Storage (TES) Positive / Warehouse	1.05	0.00	0.00	0.00
187	320 321 DX Packaged System, EER=10.9, 10 tons / Warehouse	1.66	0.22	0.00	0.42
188	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Warehouse	1.81	0.47	0.00	3.11
189	360 361 HE PTAC, EER=9.6, 1 ton / Warehouse	3.96	0.00	0.00	0.00
190	400 402 Variable Speed Drive Control / Warehouse	2.02	0.14	1.02	5.30
191	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Warehouse	2.61	0.39	0.00	3.68
192	110 111 Premium T8, Electronic Ballast / Hotel or Motel	1.42	0.71	0.36	2.26
193	120 124 Lighting Control Tuneup / Hotel or Motel	1.18	0.01	0.01	0.06
194	300 311 Window Film (Standard) / Hotel or Motel	2.30	1.44	-0.07	3.03
195	300 313 Ceiling Insulation / Hotel or Motel	4.80	1.78	4.01	4.18
196	300 314 Roof Insulation / Hotel or Motel	2.85	0.65	0.02	1.53
197	300 317 Thermal Energy Storage (TES) Positive / Hotel or Motel	1.68	0.00	0.00	0.00
198	320 321 DX Packaged System, EER=10.9, 10 tons / Hotel or Motel	3.41	4.14	0.00	8.05
199	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Hotel or Motel	3.57	7.07	0.00	59.50
200	320 326 DX Tune Up/ Advanced Diagnostics / Hotel or Motel	2.67	0.95	0.00	3.80
201	320 334 Ceiling Insulation / Hotel or Motel	7.62	4.82	10.86	11.31
202	320 335 Roof Insulation / Hotel or Motel	4.64	1.85	0.90	4.16
203	340 349 Ceiling Insulation / Hotel or Motel	7.79	0.03	0.07	0.07
204	340 351 Cool Roof - DX / Hotel or Motel	2.28	0.11	0.00	0.22
205	400 402 Variable Speed Drive Control / Hotel or Motel	1.87	0.04	0.06	1.62
206	400 403 Air Handler Optimization / Hotel or Motel	2.07	0.15	0.23	5.90
207	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Hotel or Motel	3.16	1.43	0.00	14.79
208	400 406 Energy Recovery Ventilation (ERV) / Hotel or Motel	1.14	9.31	5.61	4.10
209	600 606 Demand controlled circulating systems / Hotel or Motel	3.23	0.14	0.11	1.02
210	600 610 Hot Water Pipe Insulation / Hotel or Motel	1.73	0.06	0.05	0.46
211	110 111 Premium T8, Electronic Ballast / Other	1.75	0.29	0.15	0.93
212	120 123 Occupancy Sensor / Other	1.08	0.06	0.01	0.18
213	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Other	5.32	0.11	0.00	0.35
214	300 302 High Efficiency Chiller Motors / Other	3.20	0.02	0.00	0.10
215	300 304 EMS - Chiller / Other	2.00	0.01	0.00	0.03



216	300 305 Chiller Tune Up/Diagnostics / Other	3.00	0.12	0.00	0.10
217	300 306 VSD for Chiller Pumps and Towers / Other	3.83	0.03	0.00	0.16
218	300 307 EMS Optimization / Other	1.12	0.00	0.00	0.06
219	300 313 Ceiling Insulation / Other	1.98	0.05	0.12	0.13
220	300 314 Roof Insulation / Other	1.26	0.02	0.00	0.05
221	320 321 DX Packaged System, EER=10.9, 10 tons / Other	1.73	0.08	0.00	0.15
222	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Other	1.83	0.15	0.00	1.11
223	320 326 DX Tune Up/ Advanced Diagnostics / Other	1.16	0.02	0.00	0.07
224	320 334 Ceiling Insulation / Other	3.15	0.09	0.20	0.21
225	320 335 Roof Insulation / Other	3.22	0.04	0.09	0.08
226	340 349 Ceiling Insulation / Other	3.22	0.00	0.01	0.01
227	360 361 HE PTAC, EER=9.6, 1 ton / Other	4.13	0.00	0.00	0.00
228	400 403 Air Handler Optimization / Other	1.69	0.02	0.07	0.62
229	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Other	3.16	0.18	0.00	1.55
230	400 406 Energy Recovery Ventilation (ERV) / Other	1.14	0.98	0.59	0.43
231	600 603 Heat Pump Water Heater (air source) / Other	3.36	0.19	0.01	1.24
232	600 604 Solar Water Heater / Other	1.82	0.10	0.01	0.65
233	600 608 Heat Recovery Unit / Other	1.99	0.12	0.01	0.81
234	600 610 Hot Water Pipe Insulation / Other	1.31	0.00	0.00	0.02
235	100 125 LED Linear Tube 22W / All	1.14	0.72	0.47	2.40
236	100 132 Flood LED 14W / All	6.25	0.22	0.14	0.73
237	100 146 LED (12-Watt) / All	4.76	0.13	0.08	0.12
238	100 154 LED High Bay 83W (400W equivalent) / All	5.24	1.40	0.89	4.63
239	200 203 Outdoor LED 104W / All	3.16	0.00	0.00	5.56
240	300 337 Run Time Optimizer / All	2.93	3.81	0.00	24.49
241	300 338 dehumidification hybrid desiccant heat pump / All	3.19	18.33	25.74	73.84
242	800 518 Ice Machine / All	1.44	7.64	7.64	68.65
243	800 812 Griddle / All	2.26	0.46	0.46	2.33
244	800 813 Steamer / All	2.37	12.72	12.72	55.44
245	800 814 Holding Cabinet / All	2.21	1.11	1.11	6.03
<b>Industrial</b>					
1	107 Comp Air - Motor practices-1 (1-5 HP) / Food	1.73	0.01	0.01	0.09
2	110 Comp Air - Motor practices-1 (6-100 HP) / Food	2.47	0.04	0.04	0.32

3	111 Comp Air - Replace 100+ HP motor / Food	1.12	0.04	0.03	0.27
4	202 Fans - Controls / Food	2.25	0.54	0.48	3.94
5	203 Fans - System Optimization / Food	2.30	0.10	0.19	1.58
6	207 Fans - Motor practices-1 (1-5 HP) / Food	1.73	0.01	0.01	0.09
7	210 Fans - Motor practices-1 (6-100 HP) / Food	2.47	0.05	0.04	0.35
8	211 Fans - Replace 100+ HP motor / Food	1.12	0.04	0.04	0.29
9	307 Pumps - Motor practices-1 (1-5 HP) / Food	1.73	0.02	0.02	0.17
10	310 Pumps - Motor practices-1 (6-100 HP) / Food	2.47	0.08	0.07	0.61
11	311 Pumps - Replace 100+ HP motor / Food	1.12	0.07	0.06	0.51
12	552 Optimization Refrigeration / Food	2.33	0.98	0.53	5.76
13	702 High Efficiency Chiller Motors / Food	3.69	0.04	0.00	0.23
14	703 EMS - Chiller / Food	2.34	0.00	0.00	0.05
15	704 Chiller Tune Up/Diagnostics / Food	2.01	0.04	0.00	0.25
16	709 Window Film (Standard) - Chiller / Food	1.03	0.03	0.00	0.18
17	710 Roof Insulation - Chiller / Food	1.37	0.02	0.00	0.11
18	721 DX Packaged System, EER=10.9, 10 tons / Food	1.31	0.07	0.00	0.77
19	722 Hybrid Dessicant-DX System (Trane CDQ) / Food	2.35	0.44	0.00	2.57
20	724 DX Tune Up/ Advanced Diagnostics / Food	1.58	0.03	0.00	0.16
21	729 Window Film (Standard) / Food	1.50	0.05	0.00	0.28
22	730 Roof Insulation / Food	2.18	0.03	0.00	0.18
23	731 Cool Roof - DX / Food	1.06	0.20	0.00	1.14
24	802 CFL Hardwired, Modular 18W / Food	1.09	0.16	0.10	0.81
25	805 Occupancy Sensor / Food	2.60	0.03	0.13	1.06
26	107 Comp Air - Motor practices-1 (1-5 HP) / Textiles	1.74	0.00	0.00	0.00
27	110 Comp Air - Motor practices-1 (6-100 HP) / Textiles	2.46	0.00	0.00	0.01
28	111 Comp Air - Replace 100+ HP motor / Textiles	1.11	0.00	0.00	0.01
29	202 Fans - Controls / Textiles	2.24	0.05	0.05	0.18
30	203 Fans - System Optimization / Textiles	2.30	0.01	0.02	0.07
31	207 Fans - Motor practices-1 (1-5 HP) / Textiles	1.74	0.00	0.00	0.00
32	210 Fans - Motor practices-1 (6-100 HP) / Textiles	2.46	0.00	0.00	0.02
33	211 Fans - Replace 100+ HP motor / Textiles	1.11	0.00	0.00	0.01
34	307 Pumps - Motor practices-1 (1-5 HP) / Textiles	1.74	0.00	0.00	0.01
35	310 Pumps - Motor practices-1 (6-100 HP) / Textiles	2.46	0.01	0.01	0.02

36	311 Pumps - Replace 100+ HP motor / Textiles	1.11	0.00	0.01	0.02
37	402 O&M/drives spinning machines / Textiles	2.95	0.09	0.11	0.36
38	502 Drying (UV/IR) / Textiles	1.89	0.02	0.04	0.15
39	702 High Efficiency Chiller Motors / Textiles	3.69	0.01	0.00	0.04
40	703 EMS - Chiller / Textiles	2.34	0.00	0.00	0.01
41	704 Chiller Tune Up/Diagnostics / Textiles	2.00	0.01	0.00	0.04
42	709 Window Film (Standard) - Chiller / Textiles	1.02	0.01	0.00	0.03
43	710 Roof Insulation - Chiller / Textiles	1.36	0.01	0.00	0.02
44	721 DX Packaged System, EER=10.9, 10 tons / Textiles	1.31	0.01	0.00	0.09
45	722 Hybrid Dessicant-DX System (Trane CDQ) / Textiles	2.35	0.09	0.00	0.29
46	724 DX Tune Up/ Advanced Diagnostics / Textiles	1.58	0.01	0.00	0.02
47	729 Window Film (Standard) / Textiles	1.49	0.01	0.00	0.03
48	730 Roof Insulation / Textiles	2.17	0.01	0.00	0.02
49	731 Cool Roof - DX / Textiles	1.06	0.04	0.00	0.11
50	802 CFL Hardwired, Modular 18W / Textiles	1.08	0.01	0.01	0.03
51	805 Occupancy Sensor / Textiles	2.44	0.00	0.03	0.08
52	902 Membranes for wastewater / Textiles	2.38	0.00	0.00	0.01
53	107 Comp Air - Motor practices-1 (1-5 HP) / Lumber	1.74	0.00	0.00	0.01
54	110 Comp Air - Motor practices-1 (6-100 HP) / Lumber	2.47	0.01	0.01	0.05
55	111 Comp Air - Replace 100+ HP motor / Lumber	1.12	0.01	0.01	0.04
56	202 Fans - Controls / Lumber	2.25	0.17	0.16	1.00
57	203 Fans - System Optimization / Lumber	2.31	0.03	0.07	0.40
58	207 Fans - Motor practices-1 (1-5 HP) / Lumber	1.74	0.00	0.00	0.02
59	210 Fans - Motor practices-1 (6-100 HP) / Lumber	2.47	0.02	0.01	0.09
60	211 Fans - Replace 100+ HP motor / Lumber	1.12	0.01	0.01	0.07
61	214 Optimize drying process / Lumber	2.39	0.20	0.19	1.15
62	307 Pumps - Motor practices-1 (1-5 HP) / Lumber	1.74	0.01	0.01	0.03
63	310 Pumps - Motor practices-1 (6-100 HP) / Lumber	2.47	0.02	0.02	0.12
64	311 Pumps - Replace 100+ HP motor / Lumber	1.12	0.02	0.02	0.10
65	405 Drives - EE motor / Lumber	3.07	0.12	0.11	0.70
66	503 Heat Pumps - Drying / Lumber	1.16	0.05	0.05	0.32
67	702 High Efficiency Chiller Motors / Lumber	3.70	0.02	0.00	0.08
68	703 EMS - Chiller / Lumber	2.34	0.00	0.00	0.02

69	704 Chiller Tune Up/Diagnostics / Lumber	2.01	0.02	0.00	0.08
70	709 Window Film (Standard) - Chiller / Lumber	1.03	0.01	0.00	0.06
71	710 Roof Insulation - Chiller / Lumber	1.37	0.01	0.00	0.04
72	721 DX Packaged System, EER=10.9, 10 tons / Lumber	1.31	0.02	0.00	0.21
73	722 Hybrid Dessicant-DX System (Trane CDQ) / Lumber	2.35	0.15	0.00	0.70
74	724 DX Tune Up/ Advanced Diagnostics / Lumber	1.59	0.01	0.00	0.04
75	729 Window Film (Standard) / Lumber	1.49	0.02	0.00	0.08
76	730 Roof Insulation / Lumber	2.18	0.01	0.00	0.05
77	731 Cool Roof - DX / Lumber	1.06	0.07	0.00	0.32
78	802 CFL Hardwired, Modular 18W / Lumber	1.09	0.03	0.02	0.14
79	805 Occupancy Sensor / Lumber	2.45	0.01	0.06	0.38
80	107 Comp Air - Motor practices-1 (1-5 HP) / Paper	1.73	0.00	0.00	0.01
81	110 Comp Air - Motor practices-1 (6-100 HP) / Paper	2.47	0.01	0.01	0.05
82	111 Comp Air - Replace 100+ HP motor / Paper	1.12	0.01	0.00	0.04
83	202 Fans - Controls / Paper	2.25	0.28	0.26	2.43
84	203 Fans - System Optimization / Paper	2.30	0.05	0.10	0.97
85	207 Fans - Motor practices-1 (1-5 HP) / Paper	1.73	0.01	0.01	0.06
86	210 Fans - Motor practices-1 (6-100 HP) / Paper	2.47	0.03	0.02	0.22
87	211 Fans - Replace 100+ HP motor / Paper	1.12	0.02	0.02	0.18
88	307 Pumps - Motor practices-1 (1-5 HP) / Paper	1.73	0.01	0.01	0.10
89	310 Pumps - Motor practices-1 (6-100 HP) / Paper	2.47	0.04	0.04	0.36
90	311 Pumps - Replace 100+ HP motor / Paper	1.12	0.03	0.03	0.30
91	405 Drives - EE motor / Paper	3.05	0.11	0.10	0.95
92	408 Optimization control PM / Paper	2.21	0.16	0.15	1.41
93	702 High Efficiency Chiller Motors / Paper	3.69	0.01	0.00	0.04
94	703 EMS - Chiller / Paper	2.34	0.00	0.00	0.01
95	704 Chiller Tune Up/Diagnostics / Paper	2.01	0.01	0.00	0.04
96	709 Window Film (Standard) - Chiller / Paper	1.03	0.00	0.00	0.03
97	710 Roof Insulation - Chiller / Paper	1.36	0.00	0.00	0.02
98	721 DX Packaged System, EER=10.9, 10 tons / Paper	1.31	0.01	0.00	0.13
99	722 Hybrid Dessicant-DX System (Trane CDQ) / Paper	2.35	0.07	0.00	0.45
100	724 DX Tune Up/ Advanced Diagnostics / Paper	1.58	0.00	0.00	0.03
101	729 Window Film (Standard) / Paper	1.49	0.01	0.00	0.05

102	730 Roof Insulation / Paper	2.17	0.01	0.00	0.03
103	731 Cool Roof - DX / Paper	1.06	0.03	0.00	0.22
104	802 CFL Hardwired, Modular 18W / Paper	1.09	0.02	0.02	0.15
105	805 Occupancy Sensor / Paper	2.44	0.01	0.02	0.22
106	107 Comp Air - Motor practices-1 (1-5 HP) / Printing	1.73	0.00	0.00	0.01
107	110 Comp Air - Motor practices-1 (6-100 HP) / Printing	2.46	0.01	0.00	0.04
108	111 Comp Air - Replace 100+ HP motor / Printing	1.12	0.00	0.00	0.03
109	202 Fans - Controls / Printing	2.25	0.12	0.09	0.86
110	203 Fans - System Optimization / Printing	2.30	0.02	0.04	0.34
111	207 Fans - Motor practices-1 (1-5 HP) / Printing	1.73	0.00	0.00	0.02
112	210 Fans - Motor practices-1 (6-100 HP) / Printing	2.46	0.01	0.01	0.08
113	211 Fans - Replace 100+ HP motor / Printing	1.12	0.01	0.01	0.06
114	307 Pumps - Motor practices-1 (1-5 HP) / Printing	1.73	0.00	0.00	0.03
115	310 Pumps - Motor practices-1 (6-100 HP) / Printing	2.46	0.01	0.01	0.10
116	311 Pumps - Replace 100+ HP motor / Printing	1.12	0.01	0.01	0.08
117	410 Efficient Printing press (fewer cylinders) / Printing	2.12	0.27	0.20	1.99
118	702 High Efficiency Chiller Motors / Printing	3.69	0.03	0.00	0.17
119	703 EMS - Chiller / Printing	2.34	0.00	0.00	0.04
120	704 Chiller Tune Up/Diagnostics / Printing	2.01	0.03	0.00	0.19
121	709 Window Film (Standard) - Chiller / Printing	1.03	0.02	0.00	0.14
122	710 Roof Insulation - Chiller / Printing	1.37	0.01	0.00	0.09
123	721 DX Packaged System, EER=10.9, 10 tons / Printing	1.31	0.05	0.00	0.53
124	722 Hybrid Dessicant-DX System (Trane CDQ) / Printing	2.35	0.30	0.00	1.78
125	724 DX Tune Up/ Advanced Diagnostics / Printing	1.58	0.02	0.00	0.11
126	729 Window Film (Standard) / Printing	1.50	0.02	0.00	0.09
127	730 Roof Insulation / Printing	2.18	0.01	0.00	0.06
128	731 Cool Roof - DX / Printing	1.06	0.06	0.00	0.37
129	802 CFL Hardwired, Modular 18W / Printing	1.09	0.01	0.01	0.06
130	805 Occupancy Sensor / Printing	2.44	0.01	0.05	0.54
131	107 Comp Air - Motor practices-1 (1-5 HP) / Chemicals	1.73	0.00	0.00	0.01
132	110 Comp Air - Motor practices-1 (6-100 HP) / Chemicals	2.45	0.00	0.00	0.05
133	111 Comp Air - Replace 100+ HP motor / Chemicals	1.12	0.00	0.00	0.04
134	202 Fans - Controls / Chemicals	2.25	0.12	0.11	1.36

135	203 Fans - System Optimization / Chemicals	2.30	0.02	0.04	0.54
136	207 Fans - Motor practices-1 (1-5 HP) / Chemicals	1.73	0.00	0.00	0.03
137	210 Fans - Motor practices-1 (6-100 HP) / Chemicals	2.45	0.01	0.01	0.12
138	211 Fans - Replace 100+ HP motor / Chemicals	1.12	0.01	0.01	0.10
139	307 Pumps - Motor practices-1 (1-5 HP) / Chemicals	1.73	0.01	0.01	0.13
140	310 Pumps - Motor practices-1 (6-100 HP) / Chemicals	2.45	0.04	0.04	0.49
141	311 Pumps - Replace 100+ HP motor / Chemicals	1.12	0.04	0.03	0.41
142	413 Clean Room - Controls / Chemicals	2.57	0.07	0.06	0.72
143	414 Clean Room - New Designs / Chemicals	1.60	0.10	0.08	1.08
144	415 Drives - Process Controls (batch + site) / Chemicals	1.86	0.15	0.13	1.63
145	416 Process Drives - ASD / Chemicals	1.81	0.02	0.01	0.17
146	601 Other Process Controls (batch + site) / Chemicals	1.86	0.12	0.10	1.33
147	702 High Efficiency Chiller Motors / Chemicals	3.70	0.01	0.00	0.05
148	703 EMS - Chiller / Chemicals	2.34	0.00	0.00	0.01
149	704 Chiller Tune Up/Diagnostics / Chemicals	2.01	0.01	0.00	0.05
150	709 Window Film (Standard) - Chiller / Chemicals	1.02	0.00	0.00	0.04
151	710 Roof Insulation - Chiller / Chemicals	1.36	0.00	0.00	0.02
152	721 DX Packaged System, EER=10.9, 10 tons / Chemicals	1.31	0.02	0.00	0.29
153	722 Hybrid Dessicant-DX System (Trane CDQ) / Chemicals	2.34	0.11	0.00	0.96
154	724 DX Tune Up/ Advanced Diagnostics / Chemicals	1.58	0.01	0.00	0.06
155	729 Window Film (Standard) / Chemicals	1.49	0.01	0.00	0.05
156	730 Roof Insulation / Chemicals	2.18	0.00	0.00	0.03
157	731 Cool Roof - DX / Chemicals	1.06	0.02	0.00	0.19
158	802 CFL Hardwired, Modular 18W / Chemicals	1.10	0.02	0.01	0.15
159	805 Occupancy Sensor / Chemicals	2.44	0.01	0.02	0.32
160	107 Comp Air - Motor practices-1 (1-5 HP) / Petroleum	1.73	0.00	0.00	0.00
161	110 Comp Air - Motor practices-1 (6-100 HP) / Petroleum	2.45	0.00	0.00	0.02
162	111 Comp Air - Replace 100+ HP motor / Petroleum	1.12	0.00	0.00	0.02
163	114 Power recovery / Petroleum	1.84	0.00	0.00	0.01
164	202 Fans - Controls / Petroleum	2.25	0.01	0.01	0.12
165	203 Fans - System Optimization / Petroleum	2.30	0.00	0.00	0.05
166	207 Fans - Motor practices-1 (1-5 HP) / Petroleum	1.73	0.00	0.00	0.00
167	210 Fans - Motor practices-1 (6-100 HP) / Petroleum	2.45	0.00	0.00	0.01

168	211 Fans - Replace 100+ HP motor / Petroleum	1.12	0.00	0.00	0.01
169	215 Power recovery / Petroleum	1.84	0.00	0.00	0.00
170	307 Pumps - Motor practices-1 (1-5 HP) / Petroleum	1.73	0.00	0.00	0.02
171	310 Pumps - Motor practices-1 (6-100 HP) / Petroleum	2.45	0.01	0.01	0.07
172	311 Pumps - Replace 100+ HP motor / Petroleum	1.12	0.01	0.00	0.06
173	314 Power recovery / Petroleum	1.84	0.00	0.00	0.02
174	602 Efficient desalter / Petroleum	2.97	0.00	0.00	0.00
175	606 Power recovery / Petroleum	1.84	0.00	0.00	0.00
176	702 High Efficiency Chiller Motors / Petroleum	3.69	0.00	0.00	0.00
177	703 EMS - Chiller / Petroleum	2.34	0.00	0.00	0.00
178	704 Chiller Tune Up/Diagnostics / Petroleum	2.01	0.00	0.00	0.00
179	709 Window Film (Standard) - Chiller / Petroleum	1.02	0.00	0.00	0.00
180	710 Roof Insulation - Chiller / Petroleum	1.36	0.00	0.00	0.00
181	721 DX Packaged System, EER=10.9, 10 tons / Petroleum	1.31	0.00	0.00	0.01
182	722 Hybrid Dessicant-DX System (Trane CDQ) / Petroleum	2.34	0.00	0.00	0.04
183	724 DX Tune Up/ Advanced Diagnostics / Petroleum	1.58	0.00	0.00	0.00
184	729 Window Film (Standard) / Petroleum	1.49	0.00	0.00	0.00
185	730 Roof Insulation / Petroleum	2.18	0.00	0.00	0.00
186	731 Cool Roof - DX / Petroleum	1.06	0.00	0.00	0.01
187	802 CFL Hardwired, Modular 18W / Petroleum	1.10	0.00	0.00	0.01
188	805 Occupancy Sensor / Petroleum	2.44	0.00	0.00	0.02
189	107 Comp Air - Motor practices-1 (1-5 HP) / Rubber-Plastics	1.73	0.00	0.00	0.02
190	110 Comp Air - Motor practices-1 (6-100 HP) / Rubber-Plastics	2.46	0.01	0.01	0.09
191	111 Comp Air - Replace 100+ HP motor / Rubber-Plastics	1.12	0.01	0.01	0.08
192	202 Fans - Controls / Rubber-Plastics	2.25	0.27	0.24	1.93
193	203 Fans - System Optimization / Rubber-Plastics	2.30	0.05	0.10	0.77
194	207 Fans - Motor practices-1 (1-5 HP) / Rubber-Plastics	1.73	0.01	0.01	0.05
195	210 Fans - Motor practices-1 (6-100 HP) / Rubber-Plastics	2.46	0.02	0.02	0.17
196	211 Fans - Replace 100+ HP motor / Rubber-Plastics	1.12	0.02	0.02	0.14
197	307 Pumps - Motor practices-1 (1-5 HP) / Rubber-Plastics	1.73	0.01	0.01	0.06
198	310 Pumps - Motor practices-1 (6-100 HP) / Rubber-Plastics	2.46	0.03	0.03	0.22
199	311 Pumps - Replace 100+ HP motor / Rubber-Plastics	1.12	0.03	0.02	0.19
200	418 Extruders/injection Moulding-multipump / Rubber-Plastics	2.51	1.04	0.93	7.43

201	419 Direct drive Extruders / Rubber-Plastics	1.86	0.60	0.53	4.28
202	420 Injection Moulding - Impulse Cooling / Rubber-Plastics	2.27	0.41	0.37	2.93
203	421 Injection Moulding - Direct drive / Rubber-Plastics	1.53	0.39	0.34	2.77
204	702 High Efficiency Chiller Motors / Rubber-Plastics	3.70	0.03	0.00	0.18
205	703 EMS - Chiller / Rubber-Plastics	2.34	0.00	0.00	0.04
206	704 Chiller Tune Up/Diagnostics / Rubber-Plastics	2.00	0.03	0.00	0.19
207	709 Window Film (Standard) - Chiller / Rubber-Plastics	1.03	0.02	0.00	0.14
208	710 Roof Insulation - Chiller / Rubber-Plastics	1.37	0.02	0.00	0.09
209	721 DX Packaged System, EER=10.9, 10 tons / Rubber-Plastics	1.31	0.06	0.00	0.74
210	722 Hybrid Dessicant-DX System (Trane CDQ) / Rubber-Plastics	2.35	0.43	0.00	2.47
211	724 DX Tune Up/ Advanced Diagnostics / Rubber-Plastics	1.58	0.03	0.00	0.16
212	729 Window Film (Standard) / Rubber-Plastics	1.50	0.04	0.00	0.22
213	730 Roof Insulation / Rubber-Plastics	2.18	0.03	0.00	0.14
214	731 Cool Roof - DX / Rubber-Plastics	1.06	0.16	0.00	0.89
215	802 CFL Hardwired, Modular 18W / Rubber-Plastics	1.09	0.12	0.08	0.62
216	805 Occupancy Sensor / Rubber-Plastics	2.44	0.02	0.10	0.80
217	107 Comp Air - Motor practices-1 (1-5 HP) / Stone-Clay-Glass	1.73	0.01	0.01	0.05
218	110 Comp Air - Motor practices-1 (6-100 HP) / Stone-Clay-Glass	2.47	0.02	0.02	0.19
219	111 Comp Air - Replace 100+ HP motor / Stone-Clay-Glass	1.12	0.02	0.02	0.16
220	202 Fans - Controls / Stone-Clay-Glass	2.25	0.57	0.56	4.97
221	203 Fans - System Optimization / Stone-Clay-Glass	2.31	0.11	0.22	1.99
222	207 Fans - Motor practices-1 (1-5 HP) / Stone-Clay-Glass	1.73	0.01	0.01	0.12
223	210 Fans - Motor practices-1 (6-100 HP) / Stone-Clay-Glass	2.47	0.05	0.05	0.44
224	211 Fans - Replace 100+ HP motor / Stone-Clay-Glass	1.12	0.04	0.04	0.37
225	307 Pumps - Motor practices-1 (1-5 HP) / Stone-Clay-Glass	1.73	0.02	0.02	0.15
226	310 Pumps - Motor practices-1 (6-100 HP) / Stone-Clay-Glass	2.47	0.06	0.06	0.56
227	311 Pumps - Replace 100+ HP motor / Stone-Clay-Glass	1.12	0.05	0.05	0.46
228	424 Process optimization / Stone-Clay-Glass	1.93	0.06	0.06	0.50
229	702 High Efficiency Chiller Motors / Stone-Clay-Glass	3.69	0.02	0.00	0.13
230	703 EMS - Chiller / Stone-Clay-Glass	2.34	0.00	0.00	0.03
231	704 Chiller Tune Up/Diagnostics / Stone-Clay-Glass	2.00	0.02	0.00	0.14
232	709 Window Film (Standard) - Chiller / Stone-Clay-Glass	1.03	0.01	0.00	0.10
233	710 Roof Insulation - Chiller / Stone-Clay-Glass	1.36	0.01	0.00	0.06



234	721 DX Packaged System, EER=10.9, 10 tons / Stone-Clay-Glass	1.31	0.03	0.00	0.48
235	722 Hybrid Dessicant-DX System (Trane CDQ) / Stone-Clay-Glass	2.35	0.23	0.00	1.62
236	724 DX Tune Up/ Advanced Diagnostics / Stone-Clay-Glass	1.58	0.02	0.00	0.10
237	729 Window Film (Standard) / Stone-Clay-Glass	1.49	0.02	0.00	0.17
238	730 Roof Insulation / Stone-Clay-Glass	2.17	0.02	0.00	0.11
239	731 Cool Roof - DX / Stone-Clay-Glass	1.06	0.10	0.00	0.66
240	802 CFL Hardwired, Modular 18W / Stone-Clay-Glass	1.09	0.09	0.06	0.54
241	805 Occupancy Sensor / Stone-Clay-Glass	2.45	0.01	0.07	0.60
242	107 Comp Air - Motor practices-1 (1-5 HP) / Primary Metals	1.74	0.00	0.00	0.00
243	110 Comp Air - Motor practices-1 (6-100 HP) / Primary Metals	2.46	0.00	0.00	0.01
244	111 Comp Air - Replace 100+ HP motor / Primary Metals	1.12	0.00	0.00	0.01
245	202 Fans - Controls / Primary Metals	2.25	0.03	0.03	0.18
246	203 Fans - System Optimization / Primary Metals	2.31	0.01	0.01	0.07
247	207 Fans - Motor practices-1 (1-5 HP) / Primary Metals	1.74	0.00	0.00	0.00
248	210 Fans - Motor practices-1 (6-100 HP) / Primary Metals	2.46	0.00	0.00	0.02
249	211 Fans - Replace 100+ HP motor / Primary Metals	1.12	0.00	0.00	0.01
250	307 Pumps - Motor practices-1 (1-5 HP) / Primary Metals	1.74	0.00	0.00	0.01
251	310 Pumps - Motor practices-1 (6-100 HP) / Primary Metals	2.46	0.00	0.00	0.02
252	311 Pumps - Replace 100+ HP motor / Primary Metals	1.12	0.00	0.00	0.02
253	415 Drives - Process Controls (batch + site) / Primary Metals	1.15	0.01	0.01	0.07
254	425 Drives - Process Control / Primary Metals	2.61	0.01	0.01	0.07
255	505 Efficient electric melting / Primary Metals	3.14	0.03	0.03	0.16
256	508 Heating - Process Control / Primary Metals	2.61	0.03	0.03	0.17
257	702 High Efficiency Chiller Motors / Primary Metals	3.70	0.00	0.00	0.00
258	703 EMS - Chiller / Primary Metals	2.34	0.00	0.00	0.00
259	704 Chiller Tune Up/Diagnostics / Primary Metals	2.01	0.00	0.00	0.00
260	709 Window Film (Standard) - Chiller / Primary Metals	1.03	0.00	0.00	0.00
261	710 Roof Insulation - Chiller / Primary Metals	1.37	0.00	0.00	0.00
262	721 DX Packaged System, EER=10.9, 10 tons / Primary Metals	1.31	0.00	0.00	0.02
263	722 Hybrid Dessicant-DX System (Trane CDQ) / Primary Metals	2.35	0.01	0.00	0.06
264	724 DX Tune Up/ Advanced Diagnostics / Primary Metals	1.59	0.00	0.00	0.00
265	729 Window Film (Standard) / Primary Metals	1.50	0.00	0.00	0.00
266	730 Roof Insulation / Primary Metals	2.18	0.00	0.00	0.00

267	731 Cool Roof - DX / Primary Metals	1.06	0.00	0.00	0.01
268	802 CFL Hardwired, Modular 18W / Primary Metals	1.09	0.01	0.00	0.03
269	805 Occupancy Sensor / Primary Metals	2.45	0.00	0.00	0.02
270	107 Comp Air - Motor practices-1 (1-5 HP) / Fab Metals	1.74	0.01	0.01	0.04
271	110 Comp Air - Motor practices-1 (6-100 HP) / Fab Metals	2.47	0.02	0.02	0.14
272	111 Comp Air - Replace 100+ HP motor / Fab Metals	1.11	0.02	0.02	0.12
273	202 Fans - Controls / Fab Metals	2.25	0.14	0.13	0.90
274	203 Fans - System Optimization / Fab Metals	2.31	0.03	0.05	0.36
275	207 Fans - Motor practices-1 (1-5 HP) / Fab Metals	1.74	0.00	0.00	0.02
276	210 Fans - Motor practices-1 (6-100 HP) / Fab Metals	2.47	0.01	0.01	0.08
277	211 Fans - Replace 100+ HP motor / Fab Metals	1.11	0.01	0.01	0.07
278	307 Pumps - Motor practices-1 (1-5 HP) / Fab Metals	1.74	0.00	0.00	0.03
279	310 Pumps - Motor practices-1 (6-100 HP) / Fab Metals	2.47	0.02	0.02	0.10
280	311 Pumps - Replace 100+ HP motor / Fab Metals	1.11	0.01	0.01	0.09
281	428 Drives - Scheduling / Fab Metals	3.07	0.01	0.03	0.21
282	509 Efficient Curing ovens / Fab Metals	2.24	0.23	0.22	1.48
283	511 Heating - Scheduling / Fab Metals	3.07	0.01	0.04	0.25
284	603 New transformers welding / Fab Metals	4.36	0.03	0.03	0.18
285	702 High Efficiency Chiller Motors / Fab Metals	3.72	0.02	0.00	0.08
286	703 EMS - Chiller / Fab Metals	2.34	0.00	0.00	0.02
287	704 Chiller Tune Up/Diagnostics / Fab Metals	2.01	0.02	0.00	0.09
288	709 Window Film (Standard) - Chiller / Fab Metals	1.03	0.01	0.00	0.06
289	710 Roof Insulation - Chiller / Fab Metals	1.37	0.01	0.00	0.04
290	721 DX Packaged System, EER=10.9, 10 tons / Fab Metals	1.31	0.03	0.00	0.35
291	722 Hybrid Dessicant-DX System (Trane CDQ) / Fab Metals	2.35	0.23	0.00	1.18
292	724 DX Tune Up/ Advanced Diagnostics / Fab Metals	1.58	0.02	0.00	0.08
293	729 Window Film (Standard) / Fab Metals	1.49	0.02	0.00	0.08
294	730 Roof Insulation / Fab Metals	2.18	0.01	0.00	0.05
295	731 Cool Roof - DX / Fab Metals	1.06	0.06	0.00	0.30
296	802 CFL Hardwired, Modular 18W / Fab Metals	1.09	0.06	0.04	0.25
297	805 Occupancy Sensor / Fab Metals	2.44	0.02	0.08	0.52
298	107 Comp Air - Motor practices-1 (1-5 HP) / Ind Machinery	1.74	0.01	0.01	0.06
299	110 Comp Air - Motor practices-1 (6-100 HP) / Ind Machinery	2.47	0.05	0.03	0.21

300	111 Comp Air - Replace 100+ HP motor / Ind Machinery	1.11	0.04	0.02	0.18
301	202 Fans - Controls / Ind Machinery	2.25	0.20	0.11	0.88
302	203 Fans - System Optimization / Ind Machinery	2.31	0.04	0.04	0.35
303	207 Fans - Motor practices-1 (1-5 HP) / Ind Machinery	1.74	0.00	0.00	0.02
304	210 Fans - Motor practices-1 (6-100 HP) / Ind Machinery	2.47	0.02	0.01	0.08
305	211 Fans - Replace 100+ HP motor / Ind Machinery	1.11	0.01	0.01	0.06
306	307 Pumps - Motor practices-1 (1-5 HP) / Ind Machinery	1.74	0.01	0.00	0.03
307	310 Pumps - Motor practices-1 (6-100 HP) / Ind Machinery	2.47	0.02	0.01	0.10
308	311 Pumps - Replace 100+ HP motor / Ind Machinery	1.11	0.02	0.01	0.08
309	428 Drives - Scheduling / Ind Machinery	3.06	0.01	0.03	0.22
310	509 Efficient Curing ovens / Ind Machinery	2.25	0.08	0.04	0.35
311	511 Heating - Scheduling / Ind Machinery	3.06	0.00	0.01	0.08
312	603 New transformers welding / Ind Machinery	4.37	0.04	0.02	0.17
313	702 High Efficiency Chiller Motors / Ind Machinery	3.72	0.05	0.00	0.18
314	703 EMS - Chiller / Ind Machinery	2.34	0.00	0.00	0.04
315	704 Chiller Tune Up/Diagnostics / Ind Machinery	2.01	0.06	0.00	0.19
316	709 Window Film (Standard) - Chiller / Ind Machinery	1.03	0.04	0.00	0.14
317	710 Roof Insulation - Chiller / Ind Machinery	1.37	0.03	0.00	0.09
318	721 DX Packaged System, EER=10.9, 10 tons / Ind Machinery	1.31	0.11	0.00	0.73
319	722 Hybrid Dessicant-DX System (Trane CDQ) / Ind Machinery	2.36	0.71	0.00	2.45
320	724 DX Tune Up/ Advanced Diagnostics / Ind Machinery	1.59	0.05	0.00	0.16
321	729 Window Film (Standard) / Ind Machinery	1.49	0.06	0.00	0.21
322	730 Roof Insulation / Ind Machinery	2.18	0.04	0.00	0.14
323	731 Cool Roof - DX / Ind Machinery	1.06	0.25	0.00	0.85
324	802 CFL Hardwired, Modular 18W / Ind Machinery	1.08	0.10	0.04	0.30
325	805 Occupancy Sensor / Ind Machinery	2.44	0.04	0.10	0.77
326	107 Comp Air - Motor practices-1 (1-5 HP) / Electronics	1.73	0.01	0.01	0.08
327	110 Comp Air - Motor practices-1 (6-100 HP) / Electronics	2.47	0.04	0.04	0.31
328	111 Comp Air - Replace 100+ HP motor / Electronics	1.11	0.03	0.03	0.26
329	202 Fans - Controls / Electronics	2.25	0.14	0.12	1.06
330	203 Fans - System Optimization / Electronics	2.31	0.03	0.05	0.42
331	207 Fans - Motor practices-1 (1-5 HP) / Electronics	1.73	0.00	0.00	0.03
332	210 Fans - Motor practices-1 (6-100 HP) / Electronics	2.47	0.01	0.01	0.09

333	211 Fans - Replace 100+ HP motor / Electronics	1.11	0.01	0.01	0.08
334	307 Pumps - Motor practices-1 (1-5 HP) / Electronics	1.73	0.00	0.00	0.03
335	310 Pumps - Motor practices-1 (6-100 HP) / Electronics	2.47	0.02	0.01	0.12
336	311 Pumps - Replace 100+ HP motor / Electronics	1.11	0.01	0.01	0.10
337	413 Clean Room - Controls / Electronics	2.06	0.13	0.11	0.97
338	428 Drives - Scheduling / Electronics	2.79	0.00	0.02	0.19
339	429 Machinery / Electronics	3.08	0.02	0.02	0.14
340	509 Efficient Curing ovens / Electronics	2.24	0.19	0.16	1.37
341	604 Efficient processes (welding, etc.) / Electronics	4.35	0.27	0.23	1.97
342	702 High Efficiency Chiller Motors / Electronics	3.70	0.09	0.00	0.54
343	703 EMS - Chiller / Electronics	2.34	0.00	0.00	0.12
344	704 Chiller Tune Up/Diagnostics / Electronics	2.01	0.10	0.00	0.59
345	709 Window Film (Standard) - Chiller / Electronics	1.03	0.07	0.00	0.44
346	710 Roof Insulation - Chiller / Electronics	1.37	0.05	0.00	0.27
347	721 DX Packaged System, EER=10.9, 10 tons / Electronics	1.31	0.16	0.00	1.91
348	722 Hybrid Dessicant-DX System (Trane CDQ) / Electronics	2.35	1.08	0.00	6.37
349	724 DX Tune Up/ Advanced Diagnostics / Electronics	1.58	0.07	0.00	0.41
350	729 Window Film (Standard) / Electronics	1.49	0.09	0.00	0.49
351	730 Roof Insulation / Electronics	2.18	0.06	0.00	0.31
352	731 Cool Roof - DX / Electronics	1.06	0.34	0.00	1.96
353	802 CFL Hardwired, Modular 18W / Electronics	1.09	0.10	0.06	0.54
354	805 Occupancy Sensor / Electronics	2.45	0.04	0.18	1.58
355	107 Comp Air - Motor practices-1 (1-5 HP) / Transp Eqp	1.74	0.00	0.00	0.02
356	110 Comp Air - Motor practices-1 (6-100 HP) / Transp Eqp	2.45	0.01	0.01	0.07
357	111 Comp Air - Replace 100+ HP motor / Transp Eqp	1.12	0.01	0.01	0.06
358	202 Fans - Controls / Transp Eqp	2.25	0.06	0.05	0.37
359	203 Fans - System Optimization / Transp Eqp	2.31	0.01	0.02	0.15
360	207 Fans - Motor practices-1 (1-5 HP) / Transp Eqp	1.74	0.00	0.00	0.01
361	210 Fans - Motor practices-1 (6-100 HP) / Transp Eqp	2.45	0.01	0.00	0.03
362	211 Fans - Replace 100+ HP motor / Transp Eqp	1.12	0.00	0.00	0.03
363	307 Pumps - Motor practices-1 (1-5 HP) / Transp Eqp	1.74	0.00	0.00	0.01
364	310 Pumps - Motor practices-1 (6-100 HP) / Transp Eqp	2.45	0.01	0.01	0.04
365	311 Pumps - Replace 100+ HP motor / Transp Eqp	1.12	0.01	0.00	0.04

366	428 Drives - Scheduling / Transp Eqp	3.07	0.00	0.01	0.06
367	509 Efficient Curing ovens / Transp Eqp	2.24	0.03	0.02	0.17
368	603 New transformers welding / Transp Eqp	4.36	0.03	0.03	0.19
369	702 High Efficiency Chiller Motors / Transp Eqp	3.71	0.01	0.00	0.06
370	703 EMS - Chiller / Transp Eqp	2.34	0.00	0.00	0.01
371	704 Chiller Tune Up/Diagnostics / Transp Eqp	2.01	0.01	0.00	0.07
372	709 Window Film (Standard) - Chiller / Transp Eqp	1.03	0.01	0.00	0.05
373	710 Roof Insulation - Chiller / Transp Eqp	1.37	0.01	0.00	0.03
374	721 DX Packaged System, EER=10.9, 10 tons / Transp Eqp	1.31	0.02	0.00	0.21
375	722 Hybrid Dessicant-DX System (Trane CDQ) / Transp Eqp	2.35	0.14	0.00	0.69
376	724 DX Tune Up/ Advanced Diagnostics / Transp Eqp	1.59	0.01	0.00	0.04
377	729 Window Film (Standard) / Transp Eqp	1.49	0.01	0.00	0.05
378	730 Roof Insulation / Transp Eqp	2.18	0.01	0.00	0.03
379	731 Cool Roof - DX / Transp Eqp	1.06	0.04	0.00	0.20
380	802 CFL Hardwired, Modular 18W / Transp Eqp	1.09	0.02	0.01	0.10
381	805 Occupancy Sensor / Transp Eqp	2.44	0.01	0.04	0.31
382	107 Comp Air - Motor practices-1 (1-5 HP) / Instruments	1.73	0.01	0.01	0.04
383	110 Comp Air - Motor practices-1 (6-100 HP) / Instruments	2.47	0.02	0.02	0.16
384	111 Comp Air - Replace 100+ HP motor / Instruments	1.12	0.02	0.02	0.14
385	202 Fans - Controls / Instruments	2.25	0.11	0.10	0.84
386	203 Fans - System Optimization / Instruments	2.31	0.02	0.04	0.34
387	207 Fans - Motor practices-1 (1-5 HP) / Instruments	1.73	0.00	0.00	0.02
388	210 Fans - Motor practices-1 (6-100 HP) / Instruments	2.47	0.01	0.01	0.07
389	211 Fans - Replace 100+ HP motor / Instruments	1.12	0.01	0.01	0.06
390	307 Pumps - Motor practices-1 (1-5 HP) / Instruments	1.73	0.00	0.00	0.03
391	310 Pumps - Motor practices-1 (6-100 HP) / Instruments	2.47	0.01	0.01	0.10
392	311 Pumps - Replace 100+ HP motor / Instruments	1.12	0.01	0.01	0.08
393	428 Drives - Scheduling / Instruments	3.07	0.00	0.02	0.19
394	509 Efficient Curing ovens / Instruments	2.24	0.09	0.08	0.67
395	603 New transformers welding / Instruments	4.35	0.05	0.04	0.35
396	702 High Efficiency Chiller Motors / Instruments	3.69	0.04	0.00	0.21
397	703 EMS - Chiller / Instruments	2.34	0.00	0.00	0.05
398	704 Chiller Tune Up/Diagnostics / Instruments	2.01	0.04	0.00	0.23

399	709 Window Film (Standard) - Chiller / Instruments	1.03	0.03	0.00	0.17
400	710 Roof Insulation - Chiller / Instruments	1.37	0.02	0.00	0.11
401	721 DX Packaged System, EER=10.9, 10 tons / Instruments	1.31	0.11	0.00	1.29
402	722 Hybrid Dessicant-DX System (Trane CDQ) / Instruments	2.35	0.71	0.00	4.30
403	724 DX Tune Up/ Advanced Diagnostics / Instruments	1.58	0.05	0.00	0.27
404	729 Window Film (Standard) / Instruments	1.50	0.05	0.00	0.30
405	730 Roof Insulation / Instruments	2.17	0.03	0.00	0.19
406	731 Cool Roof - DX / Instruments	1.06	0.21	0.00	1.20
407	802 CFL Hardwired, Modular 18W / Instruments	1.09	0.07	0.04	0.38
408	805 Occupancy Sensor / Instruments	2.45	0.04	0.15	1.32
409	107 Comp Air - Motor practices-1 (1-5 HP) / Misc	1.73	0.00	0.00	0.03
410	110 Comp Air - Motor practices-1 (6-100 HP) / Misc	2.47	0.01	0.01	0.11
411	111 Comp Air - Replace 100+ HP motor / Misc	1.12	0.01	0.01	0.09
412	202 Fans - Controls / Misc	2.25	0.06	0.05	0.47
413	203 Fans - System Optimization / Misc	2.30	0.01	0.02	0.19
414	207 Fans - Motor practices-1 (1-5 HP) / Misc	1.73	0.00	0.00	0.01
415	210 Fans - Motor practices-1 (6-100 HP) / Misc	2.47	0.01	0.00	0.04
416	211 Fans - Replace 100+ HP motor / Misc	1.12	0.00	0.00	0.03
417	307 Pumps - Motor practices-1 (1-5 HP) / Misc	1.73	0.00	0.00	0.01
418	310 Pumps - Motor practices-1 (6-100 HP) / Misc	2.47	0.01	0.01	0.05
419	311 Pumps - Replace 100+ HP motor / Misc	1.12	0.01	0.00	0.05
420	416 Process Drives - ASD / Misc	1.75	0.01	0.01	0.05
421	428 Drives - Scheduling / Misc	2.79	0.00	0.02	0.15
422	430 Efficient Machinery / Misc	3.07	0.01	0.01	0.11
423	509 Efficient Curing ovens / Misc	2.24	0.04	0.04	0.34
424	605 Process control / Misc	1.96	0.00	0.00	0.01
425	702 High Efficiency Chiller Motors / Misc	3.69	0.02	0.00	0.13
426	703 EMS - Chiller / Misc	2.34	0.00	0.00	0.03
427	704 Chiller Tune Up/Diagnostics / Misc	2.01	0.02	0.00	0.14
428	709 Window Film (Standard) - Chiller / Misc	1.02	0.02	0.00	0.10
429	710 Roof Insulation - Chiller / Misc	1.36	0.01	0.00	0.06
430	721 DX Packaged System, EER=10.9, 10 tons / Misc	1.31	0.04	0.00	0.48
431	722 Hybrid Dessicant-DX System (Trane CDQ) / Misc	2.35	0.25	0.00	1.60

432	724 DX Tune Up/ Advanced Diagnostics / Misc	1.58	0.02	0.00	0.10
433	729 Window Film (Standard) / Misc	1.49	0.02	0.00	0.12
434	730 Roof Insulation / Misc	2.18	0.01	0.00	0.08
435	731 Cool Roof - DX / Misc	1.06	0.08	0.00	0.50
436	802 CFL Hardwired, Modular 18W / Misc	1.09	0.03	0.02	0.18
437	805 Occupancy Sensor / Misc	2.44	0.02	0.07	0.67
438	806 LED Linear Tube 22W (per unit) / All	2.19	0.48	0.31	1.60
439	807 Flood LED 14W (per unit) / All	2.41	0.02	0.02	0.07
440	808 LED High Bay 83W (per unit) / All	2.73	0.33	0.21	1.11
441	732 Run Time Optimizer / All	2.72	3.81	0.00	24.47
442	733 Dehumidification Hybrid Desiccant Heat Pump PER 5 TON / All	2.21	12.52	17.58	50.44

RIM – Achievable Potential						
#	Measure Name	Test Results		Savings		
		RIM*	PT	Summer (MW)	Winter (MW)	Annual Energy (GWh)
<b>Residential</b>						
1	100 106 15 SEER Split-System Heat Pump / Single Detached	1.73	1.13	6.04	60.44	24.00
2	100 116 Duct Repair / Single Detached	1.75	5.15	14.62	29.23	16.78
3	100 119 Window Film / Single Detached	1.31	1.35	0.31	-0.01	0.31
4	100 121 Default Window With Sunscreen / Single Detached	1.19	4.06	0.05	0.00	0.05
5	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached	1.04	1.10	4.93	0.00	9.70
6	100 124 Ceiling R-0 to R-19 Insulation / Single Detached	1.74	2.24	0.08	0.21	0.23
7	130 132 15 SEER Split-System Heat Pump / Single Detached	1.64	2.09	8.56	17.11	10.78
8	130 141 Electronically Commutated Motors (ECM) on an Air Handler Unit / Single Detached	1.00	2.18	0.07	0.13	0.22
9	130 142 Duct Repair / Single Detached	1.75	5.15	10.86	21.72	12.47
10	130 145 Window Film / Single Detached	1.31	1.35	0.31	-0.01	0.31
11	130 147 Default Window With Sunscreen / Single Detached	1.19	3.79	0.03	0.00	0.04
12	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached	1.04	1.13	3.66	0.00	7.21
13	130 150 Ceiling R-0 to R-19 Insulation / Single Detached	1.73	2.14	0.05	0.24	0.15
14	190 202 Ceiling R-0 to R-19 Insulation / Single Detached	1.74	2.30	0.02	0.03	0.08
15	100 105 14 SEER Split-System Heat Pump / Multi Attached	1.06	2.82	1.09	4.64	6.94
16	100 116 Duct Repair / Multi Attached	1.73	4.11	7.30	14.59	7.84
17	100 119 Window Film / Multi Attached	1.28	3.58	0.25	-0.01	0.23
18	100 124 Ceiling R-0 to R-19 Insulation / Multi Attached	1.24	1.75	0.06	0.13	0.15
19	130 142 Duct Repair / Multi Attached	1.73	4.11	1.31	2.61	1.41
20	130 145 Window Film / Multi Attached	1.28	3.58	0.25	-0.01	0.23
21	130 150 Ceiling R-0 to R-19 Insulation / Multi Attached	1.70	2.08	0.01	0.03	0.02
22	100 105 14 SEER Split-System Heat Pump / Single Detached - Manufactured	1.22	3.41	0.54	2.62	3.07
23	100 106 15 SEER Split-System Heat Pump / Single Detached - Manufactured	1.04	1.77	2.55	0.00	4.34
24	100 116 Duct Repair / Single Detached - Manufactured	1.03	2.31	1.03	1.28	1.93
25	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	1.57	2.75	1.24	2.74	2.45
26	100 124 Ceiling R-0 to R-19 Insulation / Single Detached - Manufactured	1.45	2.21	0.06	0.15	0.13
27	130 132 15 SEER Split-System Heat Pump / Single Detached - Manufactured	1.55	2.85	2.57	4.12	3.29
28	130 142 Duct Repair / Single Detached - Manufactured	1.14	1.91	0.32	0.41	0.50



29	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	1.57	2.75	0.43	0.95	0.85
30	130 150 Ceiling R-0 to R-19 Insulation / Single Detached - Manufactured	1.72	2.20	0.02	0.08	0.04
31	Residential Load Management	2.63	9999	95.00	185.00	0.00
<b>Commercial</b>						
1	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Office	1.05	5.64	3.38	0.01	7.27
2	300 305 Chiller Tune Up/Diagnostics / Office	1.44	3.29	0.51	0.00	0.45
3	300 313 Ceiling Insulation / Office	1.59	2.65	0.05	0.12	0.12
4	300 314 Roof Insulation / Office	1.09	1.98	0.45	0.01	0.77
5	300 315 Cool Roof - Chiller / Office	1.07	1.03	5.77	0.00	11.64
6	300 317 Thermal Energy Storage (TES) Positive / Office	5.53	1.77	0.19	0.00	-0.06
7	320 321 DX Packaged System, EER=10.9, 10 tons / Office	1.03	1.50	0.13	0.29	0.37
8	320 334 Ceiling Insulation / Office	1.62	3.62	1.15	0.40	0.30
9	320 335 Roof Insulation / Office	1.17	3.36	0.03	0.06	1.88
10	340 349 Ceiling Insulation / Office	1.62	3.68	0.26	0.01	0.07
11	340 350 Roof Insulation / Office	1.17	3.43	3.10	0.00	0.42
12	340 351 Cool Roof - DX / Office	1.08	1.68	2.70	0.19	6.26
13	360 361 HE PTAC, EER=9.6, 1 ton / Office	1.06	3.75	0.00	0.00	5.55
14	300 313 Ceiling Insulation / Restaurant or Services	1.64	5.49	0.02	0.00	0.00
15	300 314 Roof Insulation / Restaurant or Services	1.09	5.21	0.28	0.00	0.04
16	300 315 Cool Roof - Chiller / Restaurant or Services	1.08	2.84	0.32	0.00	0.56
17	300 317 Thermal Energy Storage (TES) Positive / Restaurant or Services	3.61	2.85	0.99	0.00	0.00
18	320 321 DX Packaged System, EER=10.9, 10 tons / Restaurant or Services	1.08	2.77	0.04	0.03	0.62
19	340 351 Cool Roof - DX / Restaurant or Services	1.09	4.53	0.66	0.00	1.99
20	400 406 Energy Recovery Ventilation (ERV) / Restaurant or Services	1.61	1.01	0.01	0.03	0.02
21	300 305 Chiller Tune Up/Diagnostics / Retail	1.45	3.36	0.12	0.00	0.58
22	300 313 Ceiling Insulation / Retail	1.59	2.70	1.74	0.00	0.03
23	300 314 Roof Insulation / Retail	1.14	2.11	0.18	0.00	0.19
24	300 315 Cool Roof - Chiller / Retail	1.07	1.02	0.08	0.18	3.51
25	320 321 DX Packaged System, EER=10.9, 10 tons / Retail	1.03	2.36	0.76	0.20	0.35
26	320 334 Ceiling Insulation / Retail	1.62	3.70	0.00	0.01	0.18
27	320 335 Roof Insulation / Retail	1.22	3.54	0.31	0.00	1.17
28	340 349 Ceiling Insulation / Retail	1.62	3.76	1.69	0.12	0.01
29	340 351 Cool Roof - DX / Retail	1.08	1.67	0.03	0.02	0.63

30	360 361 HE PTAC, EER=9.6, 1 ton / Retail	1.06	5.65	0.00	0.01	3.48
31	400 406 Energy Recovery Ventilation (ERV) / Retail	1.43	1.05	0.02	0.00	0.01
32	300 313 Ceiling Insulation / Food Store	1.63	4.78	0.14	0.00	0.01
33	300 314 Roof Insulation / Food Store	1.04	4.28	0.06	0.14	0.05
34	320 321 DX Packaged System, EER=10.9, 10 tons / Food Store	1.08	2.45	0.44	0.20	0.27
35	320 334 Ceiling Insulation / Food Store	1.64	7.01	0.24	0.00	0.15
36	320 335 Roof Insulation / Food Store	1.09	6.65	0.00	0.00	0.92
37	340 351 Cool Roof - DX / Food Store	1.09	3.91	0.02	0.01	0.49
38	360 361 HE PTAC, EER=9.6, 1 ton / Food Store	1.07	5.65	1.57	0.01	0.00
39	400 406 Energy Recovery Ventilation (ERV) / Food Store	1.62	1.14	0.03	0.07	0.01
40	300 305 Chiller Tune Up/Diagnostics / School	1.46	3.53	0.24	0.00	1.38
41	300 313 Ceiling Insulation / School	1.59	2.83	0.03	0.00	0.07
42	300 314 Roof Insulation / School	1.05	2.09	0.02	0.05	0.45
43	320 321 DX Packaged System, EER=10.9, 10 tons / School	1.04	1.53	0.18	0.04	0.06
44	320 334 Ceiling Insulation / School	1.62	3.90	0.00	0.01	0.05
45	320 335 Roof Insulation / School	1.12	3.54	0.92	0.00	0.33
46	340 349 Ceiling Insulation / School	1.62	3.97	1.35	0.10	0.01
47	340 351 Cool Roof - DX / School	1.08	1.73	1.32	0.01	1.85
48	360 361 HE PTAC, EER=9.6, 1 ton / School	1.06	3.80	0.03	0.06	2.78
49	300 305 Chiller Tune Up/Diagnostics / College	1.40	2.85	0.04	0.00	1.17
50	300 313 Ceiling Insulation / College	1.57	2.33	0.03	0.06	0.06
51	320 321 DX Packaged System, EER=10.9, 10 tons / College	1.01	1.46	0.19	0.11	0.07
52	320 334 Ceiling Insulation / College	1.60	3.12	0.00	0.01	0.06
53	320 335 Roof Insulation / College	1.07	2.49	0.29	0.00	0.36
54	340 349 Ceiling Insulation / College	1.60	3.17	1.26	0.09	0.01
55	340 351 Cool Roof - DX / College	1.07	1.21	0.04	0.02	0.58
56	360 361 HE PTAC, EER=9.6, 1 ton / College	1.05	3.70	0.03	0.07	2.59
57	400 406 Energy Recovery Ventilation (ERV) / College	1.50	1.13	0.20	0.01	0.02
58	300 313 Ceiling Insulation / Hospital	1.64	6.98	0.01	0.00	0.07
59	300 314 Roof Insulation / Hospital	1.03	6.61	0.04	0.00	0.47
60	320 321 DX Packaged System, EER=10.9, 10 tons / Hospital	1.09	3.31	0.25	0.15	0.02
61	340 351 Cool Roof - DX / Hospital	1.09	5.55	0.03	0.02	0.07
62	400 405 Demand Control Ventilation (DCV) / Hospital	1.69	1.03	0.00	0.01	0.11

63	400 406 Energy Recovery Ventilation (ERV) / Hospital	1.73	2.30	0.03	0.00	0.01
64	300 313 Ceiling Insulation / Other Healthcare	1.62	3.62	0.04	0.00	0.01
65	300 314 Roof Insulation / Other Healthcare	1.18	3.36	0.03	0.06	0.04
66	320 321 DX Packaged System, EER=10.9, 10 tons / Other Healthcare	1.06	1.50	0.24	0.14	0.07
67	320 334 Ceiling Insulation / Other Healthcare	1.63	5.16	0.00	0.00	0.06
68	320 335 Roof Insulation / Other Healthcare	1.25	4.91	0.14	0.00	0.37
69	340 349 Ceiling Insulation / Other Healthcare	1.63	5.25	1.06	0.07	0.00
70	340 351 Cool Roof - DX / Other Healthcare	1.08	2.58	0.03	0.07	0.27
71	360 361 HE PTAC, EER=9.6, 1 ton / Other Healthcare	1.07	3.70	0.27	0.00	2.18
72	300 313 Ceiling Insulation / Hotel or Motel	1.61	3.47	0.09	0.20	0.08
73	320 321 DX Packaged System, EER=10.9, 10 tons / Hotel or Motel	1.06	3.22	0.58	0.28	0.53
74	320 334 Ceiling Insulation / Hotel or Motel	1.63	4.92	0.00	0.00	0.20
75	320 335 Roof Insulation / Hotel or Motel	1.02	4.37	0.11	0.00	1.31
76	340 349 Ceiling Insulation / Hotel or Motel	1.63	5.01	0.05	0.00	0.00
77	340 351 Cool Roof - DX / Hotel or Motel	1.08	2.23	0.00	0.00	0.22
78	300 305 Chiller Tune Up/Diagnostics / Other	1.35	2.41	0.00	0.00	0.05
79	300 313 Ceiling Insulation / Other	1.54	1.80	0.01	0.03	0.00
80	320 334 Ceiling Insulation / Other	1.58	2.62	0.00	0.00	0.00
81	320 335 Roof Insulation / Other	1.58	2.52	0.00	0.00	0.02
82	340 349 Ceiling Insulation / Other	1.59	2.66	0.00	0.00	0.00
83	360 361 HE PTAC, EER=9.6, 1 ton / Other	1.04	3.93	0.00	0.00	0.00
84	Standby Generation	3.36	9999	40.00	40.00	0.00
85	Curtable Service	1.53	9999	1.00	1.00	0.00
<b>Industrial</b>						
1	Interruptible Service	1.17	9999	3.00	3.00	0.00

\* The RIM cost-effectiveness test results reflect the score prior to application of incentives. In no case did the incentive drive the RIM score below a 1.0 benefit/cost ratio. Incentives were calculated by setting them equal to the 2 year simple payback or the incentive that drove the RIM benefit/cost ratio down to 1.0.

TRC– Achievable Potential					
#	Measure Name	Test Results	Savings		
		TRC	Summer (MW)	Winter (MW)	Annual Energy (GWh)
<b>Residential</b>					
1	100 106 15 SEER Split-System Heat Pump / Single Detached	1.13	6.64	66.38	26.35
2	100 115 Electronically Commutated Motors (ECM) on an Air Handler Unit / Single Detached	2.44	0.02	0.00	0.05
3	100 116 Duct Repair / Single Detached	7.44	14.62	29.23	16.78
4	100 119 Window Film / Single Detached	1.33	0.00	0.00	0.00
5	100 121 Default Window With Sunscreen / Single Detached	4.00	0.04	0.00	0.04
6	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached	1.10	4.75	0.00	9.34
7	100 124 Ceiling R-0 to R-19 Insulation / Single Detached	2.47	0.08	0.21	0.22
8	130 132 15 SEER Split-System Heat Pump / Single Detached	2.12	9.87	19.73	12.43
9	130 136 Attic Venting / Single Detached	1.37	3.04	6.96	14.84
10	130 141 Electronically Commutated Motors (ECM) on an Air Handler Unit / Single Detached	2.09	0.02	0.04	0.06
11	130 142 Duct Repair / Single Detached	7.44	10.86	21.72	12.47
12	130 145 Window Film / Single Detached	1.33	0.00	0.00	0.00
13	130 147 Default Window With Sunscreen / Single Detached	3.71	0.03	0.00	0.03
14	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached	1.13	0.00	0.00	0.00
15	130 150 Ceiling R-0 to R-19 Insulation / Single Detached	2.27	0.05	0.24	0.15
16	190 191 HE Room Air Conditioner - EER 11 / Single Detached	2.19	0.70	0.00	1.41
17	190 192 HE Room Air Conditioner - EER 12 / Single Detached	2.22	1.29	0.00	2.59
18	190 202 Ceiling R-0 to R-19 Insulation / Single Detached	2.59	0.00	0.01	0.01
19	220 221 CFL (18-Watt integral ballast), 0.5 hr/day / Single Detached	1.07	0.26	0.36	4.88
20	300 301 HE Refrigerator - Energy Star version of above / Single Detached	1.27	4.64	4.29	34.78
21	400 401 Heat Pump Water Heater (EF=2.9) / Single Detached	1.27	0.77	2.24	10.17
22	400 410 Water Heater Timeclock / Single Detached	1.01	0.03	0.10	0.44
23	800 803 Variable-Speed Pool Pump (<1 hp) / Single Detached	1.74	5.35	1.04	24.62
24	100 105 14 SEER Split-System Heat Pump / Multi Attached	2.62	0.00	0.00	0.00
25	100 115 Electronically Commutated Motors (ECM) on an Air Handler Unit / Multi Attached	2.03	0.01	0.00	0.02
26	100 116 Duct Repair / Multi Attached	5.58	7.30	14.59	7.84
27	100 119 Window Film / Multi Attached	3.55	0.00	0.00	0.00
28	100 120 Window Tinting / Multi Attached	1.41	2.14	0.00	4.61

29	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Multi Attached	2.32	1.40	0.72	3.34
30	100 124 Ceiling R-0 to R-19 Insulation / Multi Attached	1.68	0.05	0.12	0.15
31	130 140 Proper Refrigerant Charging and Air Flow / Multi Attached	2.29	2.72	0.00	6.75
32	130 142 Duct Repair / Multi Attached	5.58	1.31	2.61	1.41
33	130 145 Window Film / Multi Attached	3.55	3.06	-0.07	2.88
34	130 146 Window Tinting / Multi Attached	1.38	0.37	0.00	0.80
35	130 147 Default Window With Sunscreen / Multi Attached	2.21	0.00	0.00	0.00
36	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Multi Attached	2.03	0.22	0.11	0.52
37	130 150 Ceiling R-0 to R-19 Insulation / Multi Attached	2.10	0.01	0.03	0.02
38	190 191 HE Room Air Conditioner - EER 11 / Multi Attached	1.96	0.69	0.00	1.32
39	190 192 HE Room Air Conditioner - EER 12 / Multi Attached	1.99	0.04	0.00	0.08
40	190 200 Single Pane Clear Windows to Double Pane Low-E Windows / Multi Attached	4.14	0.10	0.05	0.23
41	220 221 CFL (18-Watt integral ballast), 0.5 hr/day / Multi Attached	1.07	0.12	0.16	2.19
42	300 301 HE Refrigerator - Energy Star version of above / Multi Attached	1.48	2.04	1.89	15.31
43	800 803 Variable-Speed Pool Pump (<1 hp) / Multi Attached	1.74	0.00	0.00	0.09
44	100 105 14 SEER Split-System Heat Pump / Single Detached - Manufactured	3.30	0.00	0.00	0.00
45	100 106 15 SEER Split-System Heat Pump / Single Detached - Manufactured	1.73	0.00	0.00	0.00
46	100 115 Electronically Commutated Motors (ECM) on an Air Handler Unit / Single Detached - Manufactured	2.49	0.00	0.00	0.01
47	100 116 Duct Repair / Single Detached - Manufactured	2.09	1.03	1.28	1.93
48	100 122 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	3.05	1.20	2.63	2.36
49	100 124 Ceiling R-0 to R-19 Insulation / Single Detached - Manufactured	2.09	0.06	0.14	0.13
50	130 132 15 SEER Split-System Heat Pump / Single Detached - Manufactured	3.30	1.94	3.11	2.49
51	130 136 Attic Venting / Single Detached - Manufactured	1.03	0.00	0.00	0.00
52	130 142 Duct Repair / Single Detached - Manufactured	1.75	0.32	0.41	0.50
53	130 148 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	3.05	0.42	0.92	0.82
54	130 150 Ceiling R-0 to R-19 Insulation / Single Detached - Manufactured	2.33	0.02	0.08	0.04
55	190 191 HE Room Air Conditioner - EER 11 / Single Detached - Manufactured	2.05	0.00	0.00	0.00
56	190 192 HE Room Air Conditioner - EER 12 / Single Detached - Manufactured	2.06	0.01	0.00	0.02
57	190 200 Single Pane Clear Windows to Double Pane Low-E Windows / Single Detached - Manufactured	2.10	0.03	0.02	0.06
58	220 221 CFL (18-Watt integral ballast), 0.5 hr/day / Single Detached - Manufactured	1.06	0.05	0.07	0.96
59	300 301 HE Refrigerator - Energy Star version of above / Single Detached - Manufactured	1.27	0.90	0.83	6.76
60	800 803 Variable-Speed Pool Pump (<1 hp) / Single Detached - Manufactured	1.74	0.00	0.00	0.34
61	200 232 LED 12W, 2.5hr/hday / All	1.95	0.70	0.92	12.33

62	200 242 LED 12W, 6.0hr/hday / All	1.43	0.36	0.47	6.34
63	Residential Load Management	7.85	95.00	185.00	0.00
<b>Commercial</b>					
1	110 111 Premium T8, Electronic Ballast / Office	1.38	0.15	0.08	0.49
2	110 112 Premium T8, EB, Reflector / Office	2.16	0.92	0.47	2.95
3	110 113 Occupancy Sensor / Office	1.31	1.35	0.51	4.04
4	120 123 Occupancy Sensor / Office	1.14	0.82	0.31	2.47
5	140 141 CFL Hardwired, Modular 18W / Office	1.28	1.17	0.78	2.91
6	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Office	4.63	1.53	0.00	3.29
7	300 302 High Efficiency Chiller Motors / Office	1.99	0.01	0.00	0.03
8	300 304 EMS - Chiller / Office	1.57	0.16	0.01	0.72
9	300 305 Chiller Tune Up/Diagnostics / Office	3.50	1.59	0.01	1.40
10	300 306 VSD for Chiller Pumps and Towers / Office	2.77	0.42	0.01	1.88
11	300 311 Window Film (Standard) / Office	1.22	0.12	-0.01	0.25
12	300 313 Ceiling Insulation / Office	2.92	0.06	0.15	0.15
13	300 314 Roof Insulation / Office	1.79	0.41	0.01	0.70
14	300 315 Cool Roof - Chiller / Office	1.04	5.77	0.00	11.65
15	300 317 Thermal Energy Storage (TES) Positive / Office	4.87	0.00	0.00	0.00
16	320 321 DX Packaged System, EER=10.9, 10 tons / Office	1.45	0.90	0.00	1.75
17	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Office	1.76	2.03	0.00	12.31
18	320 332 Window Film (Standard) / Office	1.79	0.28	-0.06	0.58
19	320 334 Ceiling Insulation / Office	4.63	0.14	0.31	0.32
20	320 335 Roof Insulation / Office	2.92	1.05	0.36	1.71
21	340 347 Window Film (Standard) / Office	1.90	0.06	0.00	0.13
22	340 349 Ceiling Insulation / Office	4.74	0.04	0.08	0.08
23	340 350 Roof Insulation / Office	2.98	0.23	0.01	0.38
24	340 351 Cool Roof - DX / Office	1.68	3.11	0.00	6.27
25	360 361 HE PTAC, EER=9.6, 1 ton / Office	3.51	2.70	0.19	5.55
26	360 362 Occupancy Sensor (hotels) / Office	1.86	0.49	0.01	1.48
27	400 402 Variable Speed Drive Control / Office	2.17	0.09	0.08	2.46
28	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Office	1.73	0.02	0.00	0.15
29	600 603 Heat Pump Water Heater (air source) / Office	1.60	0.02	0.02	0.13
30	600 604 Solar Water Heater / Office	1.10	0.03	0.02	0.16

31	600 608 Heat Recovery Unit / Office	1.06	0.00	0.00	0.01
32	110 111 Premium T8, Electronic Ballast / Restaurant or Services	1.41	0.02	0.01	0.07
33	110 112 Premium T8, EB, Reflector / Restaurant or Services	2.20	0.09	0.05	0.30
34	140 141 CFL Hardwired, Modular 18W / Restaurant or Services	1.24	0.98	0.66	2.45
35	300 302 High Efficiency Chiller Motors / Restaurant or Services	3.52	0.00	0.00	0.00
36	300 311 Window Film (Standard) / Restaurant or Services	3.17	0.04	0.00	0.08
37	300 313 Ceiling Insulation / Restaurant or Services	7.93	0.00	0.00	0.00
38	300 314 Roof Insulation / Restaurant or Services	4.46	0.02	0.00	0.03
39	300 315 Cool Roof - Chiller / Restaurant or Services	2.81	0.28	0.00	0.57
40	300 317 Thermal Energy Storage (TES) Positive / Restaurant or Services	7.47	0.00	0.00	0.00
41	320 321 DX Packaged System, EER=10.9, 10 tons / Restaurant or Services	2.66	0.87	0.00	1.69
42	320 336 Cool Roof - DX / Restaurant or Services	3.80	10.25	0.00	28.15
43	340 351 Cool Roof - DX / Restaurant or Services	4.54	0.98	0.00	1.97
44	360 362 Occupancy Sensor (hotels) / Restaurant or Services	3.35	0.51	0.00	1.52
45	400 402 Variable Speed Drive Control / Restaurant or Services	1.68	0.00	0.00	0.00
46	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Restaurant or Services	2.31	0.01	0.00	0.08
47	400 406 Energy Recovery Ventilation (ERV) / Restaurant or Services	1.05	0.10	0.06	0.05
48	600 604 Solar Water Heater / Restaurant or Services	2.14	0.04	0.01	0.25
49	110 111 Premium T8, Electronic Ballast / Retail	1.38	0.06	0.03	0.19
50	110 112 Premium T8, EB, Reflector / Retail	2.16	0.24	0.12	0.78
51	140 141 CFL Hardwired, Modular 18W / Retail	1.10	1.04	0.70	2.59
52	300 302 High Efficiency Chiller Motors / Retail	2.28	0.00	0.00	0.01
53	300 304 EMS - Chiller / Retail	2.27	0.04	0.00	0.17
54	300 305 Chiller Tune Up/Diagnostics / Retail	3.60	0.39	0.00	0.34
55	300 311 Window Film (Standard) / Retail	1.20	0.13	0.00	0.27
56	300 313 Ceiling Insulation / Retail	3.00	0.02	0.05	0.05
57	300 314 Roof Insulation / Retail	1.91	0.11	0.00	0.17
58	300 315 Cool Roof - Chiller / Retail	1.03	1.74	0.00	3.51
59	300 317 Thermal Energy Storage (TES) Positive / Retail	1.74	0.00	0.00	0.00
60	320 321 DX Packaged System, EER=10.9, 10 tons / Retail	2.15	0.56	0.00	1.08
61	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Retail	2.77	1.34	0.00	7.63
62	320 326 DX Tune Up/ Advanced Diagnostics / Retail	1.65	0.48	0.00	1.29
63	320 334 Ceiling Insulation / Retail	4.77	0.07	0.16	0.17

64	320 335 Roof Insulation / Retail	3.11	0.69	0.18	1.06
65	340 349 Ceiling Insulation / Retail	4.88	0.00	0.00	0.00
66	340 351 Cool Roof - DX / Retail	1.67	0.31	0.00	0.64
67	360 361 HE PTAC, EER=9.6, 1 ton / Retail	5.24	1.69	0.12	3.48
68	400 402 Variable Speed Drive Control / Retail	1.69	0.01	0.01	0.41
69	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Retail	1.93	0.01	0.00	0.06
70	400 406 Energy Recovery Ventilation (ERV) / Retail	1.08	0.08	0.05	0.04
71	600 603 Heat Pump Water Heater (air source) / Retail	1.05	0.00	0.00	0.02
72	110 111 Premium T8, Electronic Ballast / Food Store	1.53	0.07	0.03	0.21
73	300 302 High Efficiency Chiller Motors / Food Store	2.97	0.00	0.00	0.00
74	300 304 EMS - Chiller / Food Store	2.45	0.01	0.00	0.04
75	300 311 Window Film (Standard) / Food Store	2.74	0.03	0.00	0.06
76	300 313 Ceiling Insulation / Food Store	6.68	0.00	0.00	0.00
77	300 314 Roof Insulation / Food Store	3.62	0.02	0.00	0.04
78	300 317 Thermal Energy Storage (TES) Positive / Food Store	1.32	0.00	0.00	0.00
79	320 321 DX Packaged System, EER=10.9, 10 tons / Food Store	2.36	0.44	0.00	0.85
80	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Food Store	2.62	0.78	0.00	6.01
81	320 334 Ceiling Insulation / Food Store	10.60	0.08	0.18	0.18
82	320 335 Roof Insulation / Food Store	5.90	0.40	0.18	0.84
83	340 351 Cool Roof - DX / Food Store	3.87	0.24	0.00	0.49
84	360 361 HE PTAC, EER=9.6, 1 ton / Food Store	5.68	0.00	0.00	0.00
85	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Food Store	2.57	0.00	0.00	0.03
86	400 406 Energy Recovery Ventilation (ERV) / Food Store	1.19	0.04	0.02	0.02
87	500 501 High-efficiency fan motors / Food Store	2.51	0.00	0.00	0.00
88	500 513 High R-Value Glass Doors / Food Store	1.61	0.30	0.25	2.44
89	500 515 Oversized Air Cooled Condenser / Food Store	3.61	0.62	0.51	5.04
90	600 603 Heat Pump Water Heater (air source) / Food Store	1.76	0.00	0.00	0.02
91	600 608 Heat Recovery Unit / Food Store	1.73	0.00	0.00	0.00
92	110 111 Premium T8, Electronic Ballast / School	1.23	0.05	0.03	0.17
93	120 121 ROB Premium T8, 1EB / School	3.91	0.05	0.02	0.15
94	120 122 ROB Premium T8, EB, Reflector / School	5.97	0.34	0.17	1.07
95	150 152 PSMH, 250 W, electronic ballast / School	3.77	0.01	0.02	0.09
96	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / School	3.99	0.61	0.00	1.90



97	300 302 High Efficiency Chiller Motors / School	1.78	0.00	0.00	0.02
98	300 304 EMS - Chiller / School	1.56	0.08	0.00	0.41
99	300 305 Chiller Tune Up/Diagnostics / School	3.87	0.92	0.00	0.81
100	300 306 VSD for Chiller Pumps and Towers / School	2.76	0.22	0.00	1.09
101	300 311 Window Film (Standard) / School	1.30	0.41	-0.01	0.86
102	300 313 Ceiling Insulation / School	3.23	0.02	0.05	0.06
103	300 314 Roof Insulation / School	1.88	0.22	0.00	0.41
104	320 321 DX Packaged System, EER=10.9, 10 tons / School	1.48	0.16	0.00	0.30
105	320 322 Hybrid Dessicant-DX System (Trane CDQ) / School	1.73	0.32	0.00	2.14
106	320 326 DX Tune Up/ Advanced Diagnostics / School	1.65	0.11	0.00	0.36
107	320 334 Ceiling Insulation / School	5.12	0.04	0.09	0.09
108	320 335 Roof Insulation / School	3.05	0.16	0.04	0.30
109	340 349 Ceiling Insulation / School	5.24	0.00	0.00	0.00
110	340 351 Cool Roof - DX / School	1.72	0.92	0.00	1.85
111	360 361 HE PTAC, EER=9.6, 1 ton / School	3.58	1.35	0.10	2.78
112	400 402 Variable Speed Drive Control / School	1.98	0.02	0.03	0.75
113	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / School	1.61	0.00	0.00	0.04
114	110 111 Premium T8, Electronic Ballast / College	1.09	0.07	0.04	0.23
115	120 121 ROB Premium T8, 1EB / College	3.66	0.06	0.03	0.21
116	120 122 ROB Premium T8, EB, Reflector / College	5.37	0.45	0.23	1.44
117	150 152 PSMH, 250 W, electronic ballast / College	3.92	0.10	0.05	0.44
118	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / College	3.64	0.52	0.00	1.63
119	300 302 High Efficiency Chiller Motors / College	1.50	0.00	0.00	0.02
120	300 304 EMS - Chiller / College	1.42	0.07	0.01	0.35
121	300 305 Chiller Tune Up/Diagnostics / College	2.82	0.76	0.01	0.67
122	300 306 VSD for Chiller Pumps and Towers / College	2.47	0.18	0.01	0.92
123	300 313 Ceiling Insulation / College	2.36	0.03	0.08	0.08
124	300 314 Roof Insulation / College	1.35	0.18	0.01	0.34
125	320 321 DX Packaged System, EER=10.9, 10 tons / College	1.40	0.17	0.00	0.33
126	320 322 Hybrid Dessicant-DX System (Trane CDQ) / College	1.67	0.34	0.00	2.35
127	320 326 DX Tune Up/ Advanced Diagnostics / College	1.19	0.12	0.00	0.39
128	320 334 Ceiling Insulation / College	3.74	0.03	0.06	0.07
129	320 335 Roof Insulation / College	2.20	0.17	0.10	0.32

130	340 349 Ceiling Insulation / College	3.83	0.00	0.00	0.00
131	340 351 Cool Roof - DX / College	1.21	0.29	0.00	0.58
132	360 361 HE PTAC, EER=9.6, 1 ton / College	3.41	1.26	0.09	2.59
133	400 402 Variable Speed Drive Control / College	1.85	0.05	0.04	1.60
134	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / College	2.19	0.01	0.00	0.07
135	400 406 Energy Recovery Ventilation (ERV) / College	1.16	0.09	0.05	0.04
136	600 608 Heat Recovery Unit / College	1.52	0.00	0.00	0.01
137	110 111 Premium T8, Electronic Ballast / Hospital	1.43	0.02	0.01	0.08
138	300 313 Ceiling Insulation / Hospital	10.55	0.00	0.00	0.00
139	300 314 Roof Insulation / Hospital	5.54	0.19	0.01	0.43
140	300 317 Thermal Energy Storage (TES) Positive / Hospital	1.66	0.00	0.00	0.00
141	320 321 DX Packaged System, EER=10.9, 10 tons / Hospital	3.19	0.03	0.00	0.05
142	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Hospital	3.51	0.04	0.00	0.37
143	340 351 Cool Roof - DX / Hospital	5.84	0.00	0.00	0.00
144	400 405 Demand Control Ventilation (DCV) / Hospital	1.08	14.05	8.46	6.19
145	400 406 Energy Recovery Ventilation (ERV) / Hospital	2.56	0.06	0.04	0.03
146	110 111 Premium T8, Electronic Ballast / Other Healthcare	1.44	0.03	0.02	0.10
147	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Other Healthcare	4.13	0.05	0.00	0.16
148	300 302 High Efficiency Chiller Motors / Other Healthcare	2.12	0.00	0.00	0.00
149	300 304 EMS - Chiller / Other Healthcare	1.70	0.01	0.00	0.04
150	300 306 VSD for Chiller Pumps and Towers / Other Healthcare	3.08	0.03	0.00	0.11
151	300 311 Window Film (Standard) / Other Healthcare	1.91	0.02	0.00	0.04
152	300 313 Ceiling Insulation / Other Healthcare	4.62	0.00	0.00	0.00
153	300 314 Roof Insulation / Other Healthcare	2.93	0.02	0.00	0.04
154	300 317 Thermal Energy Storage (TES) Positive / Other Healthcare	1.11	0.00	0.00	0.00
155	320 321 DX Packaged System, EER=10.9, 10 tons / Other Healthcare	1.48	0.18	0.00	0.35
156	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Other Healthcare	1.77	0.42	0.00	2.42
157	320 326 DX Tune Up/ Advanced Diagnostics / Other Healthcare	2.54	0.15	0.00	0.41
158	320 334 Ceiling Insulation / Other Healthcare	7.34	0.00	0.00	0.00
159	320 335 Roof Insulation / Other Healthcare	4.77	0.22	0.13	0.34
160	340 349 Ceiling Insulation / Other Healthcare	7.51	0.00	0.00	0.00
161	340 351 Cool Roof - DX / Other Healthcare	2.56	0.13	0.00	0.27
162	360 361 HE PTAC, EER=9.6, 1 ton / Other Healthcare	3.56	1.06	0.07	2.18

163	400 402 Variable Speed Drive Control / Other Healthcare	1.44	0.06	0.06	0.56
164	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Other Healthcare	2.42	0.01	0.00	0.02
165	110 111 Premium T8, Electronic Ballast / Warehouse	1.22	0.03	0.02	0.11
166	120 121 ROB Premium T8, 1EB / Warehouse	2.44	0.03	0.02	0.10
167	150 152 PSMH, 250 W, electronic ballast / Warehouse	2.51	0.07	0.03	0.37
168	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Warehouse	1.73	0.00	0.00	0.01
169	300 306 VSD for Chiller Pumps and Towers / Warehouse	1.07	0.00	0.00	0.00
170	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Warehouse	1.49	0.07	0.00	0.45
171	360 361 HE PTAC, EER=9.6, 1 ton / Warehouse	2.32	0.00	0.00	0.00
172	110 111 Premium T8, Electronic Ballast / Hotel or Motel	1.27	0.01	0.00	0.02
173	300 311 Window Film (Standard) / Hotel or Motel	1.77	0.36	-0.02	0.75
174	300 313 Ceiling Insulation / Hotel or Motel	4.35	0.03	0.07	0.08
175	300 314 Roof Insulation / Hotel or Motel	2.26	0.19	0.01	0.44
176	300 317 Thermal Energy Storage (TES) Positive / Hotel or Motel	1.58	0.00	0.00	0.00
177	320 321 DX Packaged System, EER=10.9, 10 tons / Hotel or Motel	2.91	0.63	0.00	1.22
178	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Hotel or Motel	3.41	1.02	0.00	8.60
179	320 326 DX Tune Up/ Advanced Diagnostics / Hotel or Motel	2.03	0.36	0.00	1.45
180	320 334 Ceiling Insulation / Hotel or Motel	6.91	0.10	0.23	0.24
181	320 335 Roof Insulation / Hotel or Motel	3.68	0.53	0.26	1.19
182	340 349 Ceiling Insulation / Hotel or Motel	7.07	0.00	0.00	0.00
183	340 351 Cool Roof - DX / Hotel or Motel	2.21	0.10	0.00	0.21
184	400 402 Variable Speed Drive Control / Hotel or Motel	1.54	0.00	0.01	0.15
185	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Hotel or Motel	1.76	0.01	0.00	0.06
186	600 606 Demand controlled circulating systems / Hotel or Motel	1.04	0.05	0.04	0.37
187	110 111 Premium T8, Electronic Ballast / Other	1.63	0.00	0.00	0.01
188	300 301 Centrifugal Chiller, 0.51 kW/ton, 500 tons / Other	3.53	0.02	0.00	0.06
189	300 302 High Efficiency Chiller Motors / Other	1.31	0.00	0.00	0.00
190	300 304 EMS - Chiller / Other	1.36	0.00	0.00	0.01
191	300 305 Chiller Tune Up/Diagnostics / Other	2.16	0.02	0.00	0.02
192	300 306 VSD for Chiller Pumps and Towers / Other	2.30	0.01	0.00	0.04
193	300 313 Ceiling Insulation / Other	1.80	0.00	0.00	0.00
194	300 314 Roof Insulation / Other	1.00	0.01	0.00	0.01
195	320 321 DX Packaged System, EER=10.9, 10 tons / Other	1.43	0.01	0.00	0.02

196	320 322 Hybrid Dessicant-DX System (Trane CDQ) / Other	1.73	0.02	0.00	0.16
197	320 334 Ceiling Insulation / Other	2.86	0.00	0.00	0.00
198	320 335 Roof Insulation / Other	2.56	0.01	0.03	0.02
199	340 349 Ceiling Insulation / Other	2.92	0.00	0.00	0.00
200	360 361 HE PTAC, EER=9.6, 1 ton / Other	3.49	0.00	0.00	0.00
201	400 404 Electronically Commutated Motors (ECM) on an Air Handler Unit / Other	1.60	0.00	0.00	0.01
202	600 603 Heat Pump Water Heater (air source) / Other	2.07	0.00	0.00	0.01
203	600 604 Solar Water Heater / Other	1.43	0.00	0.00	0.01
204	600 608 Heat Recovery Unit / Other	1.35	0.00	0.00	0.00
205	100 154 LED High Bay 83W (400W equivalent) / All	2.38	0.06	0.04	0.21
206	200 203 Outdoor LED 104W / All	1.55	0.00	0.00	0.49
207	300 337 Run Time Optimizer / All	2.60	0.02	0.00	0.11
208	300 338 dehumidification hybrid desiccant heat pump / All	2.76	0.07	0.10	0.29
209	800 812 Griddle / All	1.45	0.01	0.01	0.03
210	800 813 Steamer / All	2.31	1.38	1.38	6.01
211	800 814 Holding Cabinet / All	1.82	0.60	0.60	3.27
212	Standby Generation	114.05	40.00	40.00	0.00
213	Curtable Service	66.27	1.00	1.00	0.00
<b>Industrial</b>					
1	107 Comp Air - Motor practices-1 (1-5 HP) / Food	1.13	0.00	0.00	0.00
2	202 Fans - Controls / Food	2.00	0.01	0.00	0.04
3	203 Fans - System Optimization / Food	1.94	0.00	0.00	0.02
4	207 Fans - Motor practices-1 (1-5 HP) / Food	1.13	0.00	0.00	0.01
5	307 Pumps - Motor practices-1 (1-5 HP) / Food	1.13	0.00	0.00	0.01
6	552 Optimization Refrigeration / Food	2.11	0.03	0.02	0.18
7	702 High Efficiency Chiller Motors / Food	1.55	0.00	0.00	0.00
8	703 EMS - Chiller / Food	1.61	0.00	0.00	0.01
9	704 Chiller Tune Up/Diagnostics / Food	1.33	0.00	0.00	0.00
10	710 Roof Insulation - Chiller / Food	1.02	0.00	0.00	0.00
11	722 Hybrid Dessicant-DX System (Trane CDQ) / Food	2.14	0.00	0.00	0.00
12	730 Roof Insulation / Food	1.36	0.00	0.00	0.00
13	802 CFL Hardwired, Modular 18W / Food	1.00	0.00	0.00	0.01
14	805 Occupancy Sensor / Food	1.97	0.00	0.00	0.00

15	107 Comp Air - Motor practices-1 (1-5 HP) / Textiles	1.13	0.00	0.00	0.00
16	202 Fans - Controls / Textiles	2.00	0.00	0.00	0.00
17	203 Fans - System Optimization / Textiles	1.94	0.00	0.00	0.00
18	207 Fans - Motor practices-1 (1-5 HP) / Textiles	1.13	0.00	0.00	0.00
19	307 Pumps - Motor practices-1 (1-5 HP) / Textiles	1.13	0.00	0.00	0.00
20	402 O&M/drives spinning machines / Textiles	2.18	0.01	0.02	0.06
21	502 Drying (UV/IR) / Textiles	1.65	0.01	0.01	0.04
22	702 High Efficiency Chiller Motors / Textiles	1.55	0.00	0.00	0.00
23	703 EMS - Chiller / Textiles	1.62	0.00	0.00	0.00
24	704 Chiller Tune Up/Diagnostics / Textiles	1.32	0.00	0.00	0.00
25	710 Roof Insulation - Chiller / Textiles	1.01	0.00	0.00	0.00
26	722 Hybrid Dessicant-DX System (Trane CDQ) / Textiles	2.14	0.00	0.00	0.00
27	730 Roof Insulation / Textiles	1.36	0.00	0.00	0.00
28	805 Occupancy Sensor / Textiles	1.88	0.00	0.00	0.00
29	902 Membranes for wastewater / Textiles	1.80	0.01	0.01	0.02
30	107 Comp Air - Motor practices-1 (1-5 HP) / Lumber	1.13	0.00	0.00	0.00
31	202 Fans - Controls / Lumber	2.00	0.00	0.00	0.01
32	203 Fans - System Optimization / Lumber	1.94	0.00	0.00	0.01
33	207 Fans - Motor practices-1 (1-5 HP) / Lumber	1.13	0.00	0.00	0.00
34	214 Optimize drying process / Lumber	1.94	0.02	0.02	0.12
35	307 Pumps - Motor practices-1 (1-5 HP) / Lumber	1.13	0.00	0.00	0.00
36	405 Drives - EE motor / Lumber	1.09	0.03	0.02	0.15
37	503 Heat Pumps - Drying / Lumber	1.09	0.00	0.00	0.03
38	702 High Efficiency Chiller Motors / Lumber	1.55	0.00	0.00	0.00
39	703 EMS - Chiller / Lumber	1.61	0.00	0.00	0.00
40	704 Chiller Tune Up/Diagnostics / Lumber	1.33	0.00	0.00	0.00
41	710 Roof Insulation - Chiller / Lumber	1.02	0.00	0.00	0.00
42	722 Hybrid Dessicant-DX System (Trane CDQ) / Lumber	2.15	0.00	0.00	0.00
43	730 Roof Insulation / Lumber	1.36	0.00	0.00	0.00
44	802 CFL Hardwired, Modular 18W / Lumber	1.00	0.00	0.00	0.00
45	805 Occupancy Sensor / Lumber	1.88	0.00	0.00	0.00
46	107 Comp Air - Motor practices-1 (1-5 HP) / Paper	1.12	0.00	0.00	0.00
47	202 Fans - Controls / Paper	2.00	0.00	0.00	0.02

48	203 Fans - System Optimization / Paper	1.94	0.00	0.00	0.02
49	207 Fans - Motor practices-1 (1-5 HP) / Paper	1.12	0.00	0.00	0.01
50	307 Pumps - Motor practices-1 (1-5 HP) / Paper	1.12	0.00	0.00	0.00
51	405 Drives - EE motor / Paper	1.00	0.02	0.02	0.20
52	408 Optimization control PM / Paper	1.16	0.00	0.00	0.03
53	702 High Efficiency Chiller Motors / Paper	1.54	0.00	0.00	0.00
54	703 EMS - Chiller / Paper	1.61	0.00	0.00	0.00
55	704 Chiller Tune Up/Diagnostics / Paper	1.33	0.00	0.00	0.00
56	710 Roof Insulation - Chiller / Paper	1.01	0.00	0.00	0.00
57	722 Hybrid Dessicant-DX System (Trane CDQ) / Paper	2.14	0.00	0.00	0.00
58	730 Roof Insulation / Paper	1.36	0.00	0.00	0.00
59	802 CFL Hardwired, Modular 18W / Paper	1.00	0.00	0.00	0.00
60	805 Occupancy Sensor / Paper	1.88	0.00	0.00	0.00
61	107 Comp Air - Motor practices-1 (1-5 HP) / Printing	1.13	0.00	0.00	0.00
62	202 Fans - Controls / Printing	2.00	0.00	0.00	0.01
63	203 Fans - System Optimization / Printing	1.94	0.00	0.00	0.01
64	207 Fans - Motor practices-1 (1-5 HP) / Printing	1.13	0.00	0.00	0.00
65	307 Pumps - Motor practices-1 (1-5 HP) / Printing	1.13	0.00	0.00	0.00
66	410 Efficient Printing press (fewer cylinders) / Printing	1.79	0.00	0.00	0.03
67	702 High Efficiency Chiller Motors / Printing	1.55	0.00	0.00	0.00
68	703 EMS - Chiller / Printing	1.61	0.00	0.00	0.01
69	704 Chiller Tune Up/Diagnostics / Printing	1.33	0.00	0.00	0.00
70	710 Roof Insulation - Chiller / Printing	1.02	0.00	0.00	0.00
71	722 Hybrid Dessicant-DX System (Trane CDQ) / Printing	2.14	0.00	0.00	0.00
72	730 Roof Insulation / Printing	1.36	0.00	0.00	0.00
73	802 CFL Hardwired, Modular 18W / Printing	1.00	0.00	0.00	0.00
74	805 Occupancy Sensor / Printing	1.88	0.00	0.00	0.00
75	107 Comp Air - Motor practices-1 (1-5 HP) / Chemicals	1.12	0.00	0.00	0.00
76	202 Fans - Controls / Chemicals	2.00	0.00	0.00	0.01
77	203 Fans - System Optimization / Chemicals	1.94	0.00	0.00	0.01
78	207 Fans - Motor practices-1 (1-5 HP) / Chemicals	1.12	0.00	0.00	0.00
79	307 Pumps - Motor practices-1 (1-5 HP) / Chemicals	1.12	0.00	0.00	0.00
80	413 Clean Room - Controls / Chemicals	1.69	0.00	0.00	0.00

81	414 Clean Room - New Designs / Chemicals	1.48	0.00	0.00	0.04
82	415 Drives - Process Controls (batch + site) / Chemicals	1.27	0.00	0.00	0.03
83	601 Other Process Controls (batch + site) / Chemicals	1.27	0.00	0.00	0.04
84	702 High Efficiency Chiller Motors / Chemicals	1.55	0.00	0.00	0.00
85	703 EMS - Chiller / Chemicals	1.61	0.00	0.00	0.00
86	704 Chiller Tune Up/Diagnostics / Chemicals	1.33	0.00	0.00	0.00
87	710 Roof Insulation - Chiller / Chemicals	1.01	0.00	0.00	0.00
88	722 Hybrid Dessicant-DX System (Trane CDQ) / Chemicals	2.14	0.00	0.00	0.00
89	730 Roof Insulation / Chemicals	1.36	0.00	0.00	0.00
90	802 CFL Hardwired, Modular 18W / Chemicals	1.01	0.00	0.00	0.00
91	805 Occupancy Sensor / Chemicals	1.88	0.00	0.00	0.00
92	107 Comp Air - Motor practices-1 (1-5 HP) / Petroleum	1.12	0.00	0.00	0.00
93	202 Fans - Controls / Petroleum	2.00	0.00	0.00	0.00
94	203 Fans - System Optimization / Petroleum	1.94	0.00	0.00	0.00
95	207 Fans - Motor practices-1 (1-5 HP) / Petroleum	1.12	0.00	0.00	0.00
96	307 Pumps - Motor practices-1 (1-5 HP) / Petroleum	1.12	0.00	0.00	0.00
97	602 Efficient desalter / Petroleum	2.32	0.00	0.00	0.00
98	702 High Efficiency Chiller Motors / Petroleum	1.55	0.00	0.00	0.00
99	703 EMS - Chiller / Petroleum	1.61	0.00	0.00	0.00
100	704 Chiller Tune Up/Diagnostics / Petroleum	1.33	0.00	0.00	0.00
101	710 Roof Insulation - Chiller / Petroleum	1.01	0.00	0.00	0.00
102	722 Hybrid Dessicant-DX System (Trane CDQ) / Petroleum	2.14	0.00	0.00	0.00
103	730 Roof Insulation / Petroleum	1.36	0.00	0.00	0.00
104	802 CFL Hardwired, Modular 18W / Petroleum	1.01	0.00	0.00	0.00
105	805 Occupancy Sensor / Petroleum	1.88	0.00	0.00	0.00
106	107 Comp Air - Motor practices-1 (1-5 HP) / Rubber-Plastics	1.13	0.00	0.00	0.00
107	202 Fans - Controls / Rubber-Plastics	2.00	0.00	0.00	0.02
108	203 Fans - System Optimization / Rubber-Plastics	1.94	0.00	0.00	0.01
109	207 Fans - Motor practices-1 (1-5 HP) / Rubber-Plastics	1.13	0.00	0.00	0.01
110	307 Pumps - Motor practices-1 (1-5 HP) / Rubber-Plastics	1.13	0.00	0.00	0.00
111	418 Extruders/injection Moulding-multipump / Rubber-Plastics	2.25	0.01	0.01	0.04
112	419 Direct drive Extruders / Rubber-Plastics	1.79	0.01	0.01	0.10
113	420 Injection Moulding - Impulse Cooling / Rubber-Plastics	1.95	0.01	0.01	0.08

114	421 Injection Moulding - Direct drive / Rubber-Plastics	1.37	0.01	0.01	0.08
115	702 High Efficiency Chiller Motors / Rubber-Plastics	1.55	0.00	0.00	0.00
116	703 EMS - Chiller / Rubber-Plastics	1.61	0.00	0.00	0.01
117	704 Chiller Tune Up/Diagnostics / Rubber-Plastics	1.33	0.00	0.00	0.00
118	710 Roof Insulation - Chiller / Rubber-Plastics	1.02	0.00	0.00	0.00
119	722 Hybrid Dessicant-DX System (Trane CDQ) / Rubber-Plastics	2.15	0.00	0.00	0.00
120	730 Roof Insulation / Rubber-Plastics	1.36	0.00	0.00	0.00
121	802 CFL Hardwired, Modular 18W / Rubber-Plastics	1.00	0.00	0.00	0.01
122	805 Occupancy Sensor / Rubber-Plastics	1.88	0.00	0.00	0.00
123	107 Comp Air - Motor practices-1 (1-5 HP) / Stone-Clay-Glass	1.12	0.00	0.00	0.00
124	202 Fans - Controls / Stone-Clay-Glass	2.00	0.01	0.01	0.05
125	203 Fans - System Optimization / Stone-Clay-Glass	1.94	0.00	0.00	0.03
126	207 Fans - Motor practices-1 (1-5 HP) / Stone-Clay-Glass	1.12	0.00	0.00	0.02
127	307 Pumps - Motor practices-1 (1-5 HP) / Stone-Clay-Glass	1.12	0.00	0.00	0.00
128	424 Process optimization / Stone-Clay-Glass	1.40	0.00	0.00	0.03
129	702 High Efficiency Chiller Motors / Stone-Clay-Glass	1.54	0.00	0.00	0.00
130	703 EMS - Chiller / Stone-Clay-Glass	1.61	0.00	0.00	0.00
131	704 Chiller Tune Up/Diagnostics / Stone-Clay-Glass	1.33	0.00	0.00	0.00
132	710 Roof Insulation - Chiller / Stone-Clay-Glass	1.01	0.00	0.00	0.00
133	722 Hybrid Dessicant-DX System (Trane CDQ) / Stone-Clay-Glass	2.14	0.00	0.00	0.00
134	730 Roof Insulation / Stone-Clay-Glass	1.36	0.00	0.00	0.00
135	802 CFL Hardwired, Modular 18W / Stone-Clay-Glass	1.00	0.00	0.00	0.01
136	805 Occupancy Sensor / Stone-Clay-Glass	1.88	0.00	0.00	0.00
137	107 Comp Air - Motor practices-1 (1-5 HP) / Primary Metals	1.13	0.00	0.00	0.00
138	202 Fans - Controls / Primary Metals	2.00	0.00	0.00	0.00
139	203 Fans - System Optimization / Primary Metals	1.94	0.00	0.00	0.00
140	207 Fans - Motor practices-1 (1-5 HP) / Primary Metals	1.13	0.00	0.00	0.00
141	307 Pumps - Motor practices-1 (1-5 HP) / Primary Metals	1.13	0.00	0.00	0.00
142	425 Drives - Process Control / Primary Metals	1.48	0.00	0.00	0.02
143	505 Efficient electric melting / Primary Metals	2.33	0.00	0.00	0.01
144	508 Heating - Process Control / Primary Metals	1.48	0.00	0.00	0.02
145	702 High Efficiency Chiller Motors / Primary Metals	1.55	0.00	0.00	0.00
146	703 EMS - Chiller / Primary Metals	1.61	0.00	0.00	0.00



147	704 Chiller Tune Up/Diagnostics / Primary Metals	1.33	0.00	0.00	0.00
148	710 Roof Insulation - Chiller / Primary Metals	1.02	0.00	0.00	0.00
149	722 Hybrid Dessicant-DX System (Trane CDQ) / Primary Metals	2.15	0.00	0.00	0.00
150	730 Roof Insulation / Primary Metals	1.37	0.00	0.00	0.00
151	802 CFL Hardwired, Modular 18W / Primary Metals	1.00	0.00	0.00	0.00
152	805 Occupancy Sensor / Primary Metals	1.88	0.00	0.00	0.00
153	107 Comp Air - Motor practices-1 (1-5 HP) / Fab Metals	1.13	0.00	0.00	0.00
154	202 Fans - Controls / Fab Metals	2.00	0.00	0.00	0.01
155	203 Fans - System Optimization / Fab Metals	1.94	0.00	0.00	0.01
156	207 Fans - Motor practices-1 (1-5 HP) / Fab Metals	1.13	0.00	0.00	0.00
157	307 Pumps - Motor practices-1 (1-5 HP) / Fab Metals	1.13	0.00	0.00	0.00
158	428 Drives - Scheduling / Fab Metals	1.44	0.00	0.00	0.00
159	509 Efficient Curing ovens / Fab Metals	1.96	0.00	0.00	0.01
160	511 Heating - Scheduling / Fab Metals	1.44	0.00	0.00	0.01
161	603 New transformers welding / Fab Metals	3.55	0.00	0.00	0.01
162	702 High Efficiency Chiller Motors / Fab Metals	1.56	0.00	0.00	0.00
163	703 EMS - Chiller / Fab Metals	1.61	0.00	0.00	0.00
164	704 Chiller Tune Up/Diagnostics / Fab Metals	1.33	0.00	0.00	0.00
165	710 Roof Insulation - Chiller / Fab Metals	1.02	0.00	0.00	0.00
166	722 Hybrid Dessicant-DX System (Trane CDQ) / Fab Metals	2.15	0.00	0.00	0.00
167	730 Roof Insulation / Fab Metals	1.36	0.00	0.00	0.00
168	802 CFL Hardwired, Modular 18W / Fab Metals	1.00	0.00	0.00	0.01
169	805 Occupancy Sensor / Fab Metals	1.88	0.00	0.00	0.00
170	107 Comp Air - Motor practices-1 (1-5 HP) / Ind Machinery	1.13	0.00	0.00	0.00
171	202 Fans - Controls / Ind Machinery	2.01	0.00	0.00	0.01
172	203 Fans - System Optimization / Ind Machinery	1.94	0.00	0.00	0.01
173	207 Fans - Motor practices-1 (1-5 HP) / Ind Machinery	1.13	0.00	0.00	0.00
174	307 Pumps - Motor practices-1 (1-5 HP) / Ind Machinery	1.13	0.00	0.00	0.00
175	428 Drives - Scheduling / Ind Machinery	1.43	0.00	0.00	0.00
176	509 Efficient Curing ovens / Ind Machinery	1.97	0.00	0.00	0.00
177	511 Heating - Scheduling / Ind Machinery	1.43	0.00	0.00	0.00
178	603 New transformers welding / Ind Machinery	3.56	0.00	0.00	0.01
179	702 High Efficiency Chiller Motors / Ind Machinery	1.56	0.00	0.00	0.00

180	703 EMS - Chiller / Ind Machinery	1.62	0.00	0.00	0.01
181	704 Chiller Tune Up/Diagnostics / Ind Machinery	1.33	0.00	0.00	0.00
182	710 Roof Insulation - Chiller / Ind Machinery	1.02	0.00	0.00	0.00
183	722 Hybrid Dessicant-DX System (Trane CDQ) / Ind Machinery	2.15	0.00	0.00	0.00
184	730 Roof Insulation / Ind Machinery	1.36	0.00	0.00	0.00
185	805 Occupancy Sensor / Ind Machinery	1.88	0.00	0.00	0.00
186	107 Comp Air - Motor practices-1 (1-5 HP) / Electronics	1.13	0.00	0.00	0.00
187	202 Fans - Controls / Electronics	2.00	0.00	0.00	0.01
188	203 Fans - System Optimization / Electronics	1.94	0.00	0.00	0.01
189	207 Fans - Motor practices-1 (1-5 HP) / Electronics	1.13	0.00	0.00	0.00
190	307 Pumps - Motor practices-1 (1-5 HP) / Electronics	1.13	0.00	0.00	0.00
191	413 Clean Room - Controls / Electronics	1.45	0.00	0.00	0.01
192	428 Drives - Scheduling / Electronics	1.31	0.00	0.00	0.00
193	429 Machinery / Electronics	1.10	0.00	0.00	0.00
194	509 Efficient Curing ovens / Electronics	1.96	0.00	0.00	0.01
195	604 Efficient processes (welding, etc.) / Electronics	3.55	0.02	0.02	0.15
196	702 High Efficiency Chiller Motors / Electronics	1.55	0.00	0.00	0.01
197	703 EMS - Chiller / Electronics	1.61	0.00	0.00	0.02
198	704 Chiller Tune Up/Diagnostics / Electronics	1.33	0.00	0.00	0.00
199	710 Roof Insulation - Chiller / Electronics	1.02	0.00	0.00	0.00
200	722 Hybrid Dessicant-DX System (Trane CDQ) / Electronics	2.14	0.00	0.00	0.01
201	730 Roof Insulation / Electronics	1.36	0.00	0.00	0.00
202	802 CFL Hardwired, Modular 18W / Electronics	1.00	0.00	0.00	0.01
203	805 Occupancy Sensor / Electronics	1.89	0.00	0.00	0.00
204	107 Comp Air - Motor practices-1 (1-5 HP) / Transp Eqp	1.13	0.00	0.00	0.00
205	202 Fans - Controls / Transp Eqp	2.00	0.00	0.00	0.00
206	203 Fans - System Optimization / Transp Eqp	1.94	0.00	0.00	0.00
207	207 Fans - Motor practices-1 (1-5 HP) / Transp Eqp	1.13	0.00	0.00	0.00
208	307 Pumps - Motor practices-1 (1-5 HP) / Transp Eqp	1.13	0.00	0.00	0.00
209	428 Drives - Scheduling / Transp Eqp	1.43	0.00	0.00	0.00
210	509 Efficient Curing ovens / Transp Eqp	1.96	0.00	0.00	0.00
211	603 New transformers welding / Transp Eqp	3.55	0.00	0.00	0.01
212	702 High Efficiency Chiller Motors / Transp Eqp	1.55	0.00	0.00	0.00

213	703 EMS - Chiller / Transp Eqp	1.61	0.00	0.00	0.00
214	704 Chiller Tune Up/Diagnostics / Transp Eqp	1.33	0.00	0.00	0.00
215	710 Roof Insulation - Chiller / Transp Eqp	1.02	0.00	0.00	0.00
216	722 Hybrid Dessicant-DX System (Trane CDQ) / Transp Eqp	2.15	0.00	0.00	0.00
217	730 Roof Insulation / Transp Eqp	1.36	0.00	0.00	0.00
218	802 CFL Hardwired, Modular 18W / Transp Eqp	1.00	0.00	0.00	0.00
219	805 Occupancy Sensor / Transp Eqp	1.88	0.00	0.00	0.00
220	107 Comp Air - Motor practices-1 (1-5 HP) / Instruments	1.13	0.00	0.00	0.00
221	202 Fans - Controls / Instruments	2.00	0.00	0.00	0.01
222	203 Fans - System Optimization / Instruments	1.94	0.00	0.00	0.01
223	207 Fans - Motor practices-1 (1-5 HP) / Instruments	1.13	0.00	0.00	0.00
224	307 Pumps - Motor practices-1 (1-5 HP) / Instruments	1.13	0.00	0.00	0.00
225	428 Drives - Scheduling / Instruments	1.44	0.00	0.00	0.00
226	509 Efficient Curing ovens / Instruments	1.96	0.00	0.00	0.01
227	603 New transformers welding / Instruments	3.55	0.00	0.00	0.01
228	702 High Efficiency Chiller Motors / Instruments	1.55	0.00	0.00	0.00
229	703 EMS - Chiller / Instruments	1.61	0.00	0.00	0.01
230	704 Chiller Tune Up/Diagnostics / Instruments	1.33	0.00	0.00	0.00
231	710 Roof Insulation - Chiller / Instruments	1.02	0.00	0.00	0.00
232	722 Hybrid Dessicant-DX System (Trane CDQ) / Instruments	2.14	0.00	0.00	0.01
233	730 Roof Insulation / Instruments	1.36	0.00	0.00	0.00
234	802 CFL Hardwired, Modular 18W / Instruments	1.00	0.00	0.00	0.01
235	805 Occupancy Sensor / Instruments	1.89	0.00	0.00	0.00
236	107 Comp Air - Motor practices-1 (1-5 HP) / Misc	1.12	0.00	0.00	0.00
237	202 Fans - Controls / Misc	2.00	0.00	0.00	0.00
238	203 Fans - System Optimization / Misc	1.94	0.00	0.00	0.00
239	207 Fans - Motor practices-1 (1-5 HP) / Misc	1.12	0.00	0.00	0.00
240	307 Pumps - Motor practices-1 (1-5 HP) / Misc	1.12	0.00	0.00	0.00
241	428 Drives - Scheduling / Misc	1.30	0.00	0.00	0.00
242	430 Efficient Machinery / Misc	1.09	0.00	0.00	0.00
243	509 Efficient Curing ovens / Misc	1.96	0.00	0.00	0.00
244	605 Process control / Misc	1.15	0.00	0.00	0.01
245	702 High Efficiency Chiller Motors / Misc	1.54	0.00	0.00	0.00

246	703 EMS - Chiller / Misc	1.61	0.00	0.00	0.00
247	704 Chiller Tune Up/Diagnostics / Misc	1.33	0.00	0.00	0.00
248	710 Roof Insulation - Chiller / Misc	1.01	0.00	0.00	0.00
249	722 Hybrid Dessicant-DX System (Trane CDQ) / Misc	2.14	0.00	0.00	0.00
250	730 Roof Insulation / Misc	1.36	0.00	0.00	0.00
251	802 CFL Hardwired, Modular 18W / Misc	1.00	0.00	0.00	0.00
252	805 Occupancy Sensor / Misc	1.88	0.00	0.00	0.00
253	808 LED High Bay 83W (per unit) / All	1.93	0.02	0.01	0.05
254	732 Run Time Optimizer / All	2.62	0.02	0.00	0.11
255	733 Dehumidification Hybrid Desiccant Heat Pump PER 5 TON / All	2.11	0.00	0.00	0.00
256	Interruptible Service	19.75	3.00	3.00	0.00