

Appendix 6

Deemed Savings Tables

MEASURE DESCRIPTION										INCREMENTAL MEASURE				
ID	Weather Sensitive?	Climate Zone	Sector	Sub-Sector	Vintage	End Use	Technology Type	Efficient Measure	Efficient Measure Definition	Base Measure Definition	Unit Name	Annual kWh Savings	Annual kW Coincident Peak Savings	Annual Thm Savings
1	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Central AC 14.5 - 14.99 SEER	13 SEER	13 SEER	4 Tons	1,293	0.42	0
2	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Central AC 14.5 - 14.99 SEER	13 SEER	13 SEER	2 Tons	647	0.21	0
3	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Central AC 14.5 - 14.99 SEER	13 SEER	13 SEER	3 Tons	970	0.31	0
4	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Central AC 15 - 15.99 SEER	13 SEER	13 SEER	4 Tons	1,669	0.49	0
5	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Central AC 15 - 15.99 SEER	13 SEER	13 SEER	2 Tons	834	0.25	0
6	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Central AC 15 - 15.99 SEER	13 SEER	13 SEER	3 Tons	1,252	0.37	0
7	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Central AC 16 - 16.99 SEER	13 SEER	13 SEER	4 Tons	1,945	0.63	0
9	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Central AC 16 - 16.99 SEER	13 SEER	13 SEER	3 Tons	1,459	0.47	0
17	WS	N.O.	Residential	All	Existing	HVAC	Existing	Window Air Conditioner	9.8 EER	9.8 EER	8,000 - 13,999 BTU/hr	248	0.11	0
24	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Wall Insulation	R-11	R-0	1238 sf wall	953	0.71	0
25	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Wall Insulation	R-0	R-0	453 sf wall	349	0.26	0
26	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Wall Insulation	R-0	R-0	1062 sf wall	818	0.61	0
27	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Wall Insulation	R-11	R-0	1238 sf wall	3,640	0.71	0
28	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Wall Insulation	R-0	R-0	453 sf wall	1,322	0.26	0
29	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Wall Insulation	R-0	R-0	1062 sf wall	3,122	0.61	0
30	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Wall Insulation	R-11	R-0	1238 sf wall	2,191	0.71	0
31	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Wall Insulation	R-0	R-0	453 sf wall	860	0.26	0
32	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Wall Insulation	R-0	R-0	1062 sf wall	1,880	0.61	0
48	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Air Infiltration reduction	10% Improvement	Existing Home (0.48 AC 4 Tons	250	0.24	0	
49	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Air Infiltration reduction	10% Improvement	Existing Home (0.48 AC 3 Tons	110	0.11	0	
50	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Air Infiltration reduction	10% Improvement	Existing Home (0.48 AC 3 Tons	175	0.17	0	
51	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Air Infiltration reduction	10% Improvement	Existing Home (0.48 AC 4 Tons	487	0.24	0	
52	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Air Infiltration reduction	10% Improvement	Existing Home (0.48 AC 2 Tons	214	0.11	0	
53	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Air Infiltration reduction	10% Improvement	Existing Home (0.48 AC 3 Tons	341	0.17	0	
54	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Air Infiltration reduction	10% Improvement	Existing Home (0.48 AC 2 Tons	296	0.24	0	
55	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Air Infiltration reduction	10% Improvement	Existing Home (0.48 AC 2 Tons	130	0.11	0	
56	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Air Infiltration reduction	10% Improvement	Existing Home (0.48 AC 3 Tons	207	0.17	0	
57	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Air Infiltration reduction	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	594	0.16	0	
58	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	272	0.07	0	
59	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 3 Tons	416	0.11	0	
60	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	386	0.16	0	
61	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	177	0.07	0	
62	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	270	0.11	0	
63	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	481	0.16	0	
64	WS	N.O.	Residential	Multifamily	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	221	0.07	0	
65	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	337	0.11	0	
66	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	1,608	1.06	0	
67	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	1,126	0.74	0	
69	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	3,720	1.06	0	
71	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	2,604	0.74	0	
72	WS	N.O.	Residential	Single Family	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	2,374	1.06	0	
74	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Solar Screens	65% reduction on East / W SHGC 0.75	Existing Home (0.48 AC 2 Tons	1,662	0.74	0	
76	NWS	N.O.	Residential	All	Existing	DHW	Existing	Water Heater Jacket	R-Value R-6.7 or greater, Post-1991 electric WH in 1 Jacket	per Home	55	0.01	0	
77	NWS	N.O.	Residential	All	Existing	DHW	Existing	Hot Water Pipe Insulation	3/4" elastomeric pipe insul No pipe insulation	per Home	40	0.00	0	
78	NWS	N.O.	Residential	All	Existing	DHW	Existing	Low-Flow Showerhead	2.5 gpm	per Home	124	0.01	0	
79	NWS	N.O.	Residential	All	Existing	DHW	Existing	Faucet Aerator	2.5 gpm	per Home	133	0.01	0	
89	NWS	N.O.	Residential	All	Existing	Lighting	Existing	Lighting CFL 15W	14 - 18 W E* CFL	1 CFL, 4 hrs per day	37	0.01	0	
90	NWS	N.O.	Residential	All	Existing	Lighting	Existing	Lighting CFL 20W	60 W Incandescent	1 CFL, 4 hrs per day	58	0.01	0	
91	NWS	N.O.	Residential	All	Existing	Lighting	Existing	Lighting CFL 23W	75 W Incandescent	1 CFL, 4 hrs per day	76	0.01	0	
92	NWS	N.O.	Residential	All	Existing	Lighting	Existing	Lighting CFL 27W	100 W Incandescent	1 CFL, 4 hrs per day	107	0.02	0	
93	NWS	N.O.	Residential	All	Existing	Solar	Existing	Solar Hot Water	Solar DHW 3.0 EF meetin	No Solar Hot Water	40 Gallon Tank	2,628	0.42	0
95	WS	N.O.	Residential	Single-Family	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	675	0.35	0
97	WS	N.O.	Residential	Single-Family	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	773	0.35	0
98	WS	N.O.	Residential	Single-Family	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	615	0.35	0
100	WS	N.O.	Residential	Single-Family	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	0	0.35	0
101	WS	N.O.	Residential	Single-Family	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	0	0.35	0
104	WS	N.O.	Residential	Multi-Family	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	340	0.14	0
105	WS	N.O.	Residential	Multi-Family	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	317	0.14	0
108	WS	N.O.	Residential	Multi-Family	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	0	0.14	0
109	WS	N.O.	Residential	Multi-Family	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	521	0.27	0
111	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	717	0.30	0
112	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	521	0.27	0
114	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	0	0.27	0
115	WS	N.O.	Residential	Mobile	Existing	HVAC	Existing	Central AC Tune-Up	10 SEER	9 SEER	Home	0	0.27	0
179	WS	N.O.	Residential	Single-Family	Existing	Whole Home	Existing	Weatherization Package	Weatherization Package	Standard Home	Home	673	0.00	92
180	WS	N.O.	Residential	Single-Family	Existing	Whole Home	Existing	Weatherization Package	Weatherization Package	Standard Home	Home	505	0.00	93

MEASURE DESCRIPTION										INCREMENTAL MEASURE		
Weather Sensitive?	Climate Zone	Sector	Sub-Sector	Vintage	End Use	Technology Type	Efficient Measure	Base Measure Definition	Unit Name	Annual kWh Savings	Annual Coincident Peak Savings	Annual Thm Savings
181	WS	N.O.	Residential	Existing	Whole Home Heat pump - Elec Backup	Heat pump - Elec Backup	Existing Home Weatherization	Weatherization Package	Home	2,129	0.00	0
182	WS	N.O.	Residential	Existing	Whole Home Electric Res / Central AC	Electric Res / Central AC	Existing Home Weatherization	Standard Home	Home	2,465	0.00	0
183	WS	N.O.	Residential	Existing	Whole Home Electric Res / Window AC	Electric Res / Window AC	Existing Home Weatherization	Standard Home	Home	2,265	0.00	0
184	WS	N.O.	Residential	Existing	Whole Home Gas Furnace w/ No AC	Gas Furnace / Window AC	Existing Home Weatherization	Standard Home	Home	124	0.00	92
185	WS	N.O.	Residential	Existing	Whole Home Electric Furnace w/ No AC	Electric Furnace w/ No AC	Existing Home Weatherization	Standard Home	Home	1,915	0.00	0
202	NWS	N.O.	Residential	Existing	Whole Home Heat pump - Elec Backup	Heat pump - Elec Backup	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
203	NWS	N.O.	Residential	Existing	DHW Electric Res / Central AC	Electric Res / Central AC	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
204	NWS	N.O.	Residential	Existing	DHW Electric Res / Window AC	Electric Res / Window AC	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
206	NWS	N.O.	Residential	Existing	DHW Electric Furnace w/ No AC	Electric Furnace w/ No AC	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
209	NWS	N.O.	Residential	Existing	DHW Heat pump - Elec Backup	Heat pump - Elec Backup	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
210	NWS	N.O.	Residential	Existing	DHW Electric Res / Central AC	Electric Res / Central AC	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
211	NWS	N.O.	Residential	Existing	DHW Electric Res / Window AC	Electric Res / Window AC	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
213	NWS	N.O.	Residential	Existing	DHW Electric Furnace w/ No AC	Electric Furnace w/ No AC	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
216	NWS	N.O.	Residential	Existing	DHW Heat pump - Elec Backup	Heat pump - Elec Backup	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
217	NWS	N.O.	Residential	Existing	DHW Electric Res / Central AC	Electric Res / Central AC	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
218	NWS	N.O.	Residential	Existing	DHW Electric Res / Window AC	Electric Res / Window AC	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
220	NWS	N.O.	Residential	Existing	DHW Electric Furnace w/ No AC	Electric Furnace w/ No AC	DHW Elec. Eff HP	HP Upgrade - 2.0 EF	Home	2,749	0.31	0
221	NWS	N.O.	Residential	Existing	DHW Gas Furnace / Central AC	Gas Furnace / Central AC	DHW Reduced Setpoint	Temp 120 F	Home	0	0.00	14
222	NWS	N.O.	Residential	Existing	DHW Gas Furnace / Window AC	Gas Furnace / Window AC	DHW Reduced Setpoint	Temp 135 F	Home	0	0.00	14
223	NWS	N.O.	Residential	Existing	DHW Heat pump - Elec Backup	Heat pump - Elec Backup	DHW Reduced Setpoint	Temp 120 F	Home	165	0.09	0
224	NWS	N.O.	Residential	Existing	DHW Electric Res / Central AC	Electric Res / Central AC	DHW Reduced Setpoint	Temp 135 F	Home	165	0.09	0
225	NWS	N.O.	Residential	Existing	DHW Electric Res / Window AC	Electric Res / Window AC	DHW Reduced Setpoint	Temp 135 F	Home	165	0.09	0
226	NWS	N.O.	Residential	Existing	DHW Gas Furnace w/ No AC	Gas Furnace w/ No AC	DHW Reduced Setpoint	Temp 120 F	Home	0	0.00	14
227	NWS	N.O.	Residential	Existing	DHW Electric Furnace w/ No AC	Electric Furnace w/ No AC	DHW Reduced Setpoint	Temp 135 F	Home	165	0.09	0
229	NWS	N.O.	Residential	Existing	DHW Heat pump - Elec Backup	Heat pump - Elec Backup	DHW Reduced Setpoint	Temp 120 F	Home	0	0.00	14
230	NWS	N.O.	Residential	Existing	DHW Electric Res / Window AC	Electric Res / Window AC	DHW Reduced Setpoint	Temp 135 F	Home	165	0.08	0
231	NWS	N.O.	Residential	Existing	DHW Electric Res / Central AC	Electric Res / Central AC	DHW Reduced Setpoint	Temp 135 F	Home	165	0.08	0
232	NWS	N.O.	Residential	Existing	DHW Electric Res / Window AC	Electric Res / Window AC	DHW Reduced Setpoint	Temp 135 F	Home	165	0.08	0
234	NWS	N.O.	Residential	Existing	DHW Electric Furnace w/ No AC	Electric Furnace w/ No AC	DHW Reduced Setpoint	Temp 120 F	Home	165	0.08	0
235	NWS	N.O.	Residential	Existing	DHW Gas Furnace / Central AC	Gas Furnace / Central AC	DHW Reduced Setpoint	Temp 135 F	Home	0	0.00	14
236	NWS	N.O.	Residential	Existing	DHW Gas Furnace / Window AC	Gas Furnace / Window AC	DHW Reduced Setpoint	Temp 135 F	Home	0	0.00	14
237	NWS	N.O.	Residential	Existing	DHW Heat pump - Elec Backup	Heat pump - Elec Backup	DHW Reduced Setpoint	Temp 120 F	Home	165	0.08	0
238	NWS	N.O.	Residential	Existing	DHW Electric Res / Central AC	Electric Res / Central AC	DHW Reduced Setpoint	Temp 135 F	Home	165	0.08	0
239	NWS	N.O.	Residential	Existing	DHW Electric Res / Window AC	Electric Res / Window AC	DHW Reduced Setpoint	Temp 135 F	Home	165	0.08	0
240	NWS	N.O.	Residential	Existing	DHW Gas Furnace w/ No AC	Gas Furnace w/ No AC	DHW Reduced Setpoint	Temp 120 F	Home	0	0.00	14
241	NWS	N.O.	Residential	Existing	DHW Electric Furnace w/ No AC	Electric Furnace w/ No AC	DHW Reduced Setpoint	Temp 135 F	Home	165	0.08	0
242	NWS	ALL	Residential	Existing	Appliances	Refrigerator Turn-in	Refrigerator Turn-in	Take 2nd Fridge off grid	Home	1,483	0.25	0
252	WS	N.O.	Residential	New	Whole Home Gas Furnace / Central AC	Gas Furnace / Central AC	E* Upgrade, New Home	New Home, E*	Home	1,799	0.68	56
255	WS	N.O.	Residential	New	Whole Home Heat pump - Elec Backup	Heat pump - Elec Backup	E* Upgrade, New Home	New Home, Code Minim Home	Home	2,360	0.70	0
257	WS	N.O.	Residential	New	Whole Home Electric Res / Central AC	Electric Res / Central AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	2,904	0.70	0
258	WS	N.O.	Residential	New	Whole Home Gas Furnace w/ No AC	Gas Furnace w/ No AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	255	0.68	56
259	WS	N.O.	Residential	New	Whole Home Electric Furnace w/ No AC	Electric Furnace w/ No AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	1,360	0.70	0
261	WS	N.O.	Residential	New	Whole Home Gas Furnace / Central AC	Gas Furnace / Central AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	1,372	0.29	18
262	WS	N.O.	Residential	New	Whole Home Heat pump - Elec Backup	Heat pump - Elec Backup	E* Upgrade, New Home	New Home, Code Minim Home	Home	1,632	0.31	0
264	WS	N.O.	Residential	New	Whole Home Electric Res / Central AC	Electric Res / Central AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	1,703	0.31	0
265	WS	N.O.	Residential	New	Whole Home Gas Furnace w/ No AC	Gas Furnace w/ No AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	610	0.29	18
266	WS	N.O.	Residential	New	Whole Home Electric Furnace w/ No AC	Electric Furnace w/ No AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	942	0.31	0
268	WS	N.O.	Residential	New	Whole Home Gas Furnace / Central AC	Gas Furnace / Central AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	1,432	0.49	43
269	WS	N.O.	Residential	New	Whole Home Heat pump - Elec Backup	Heat pump - Elec Backup	E* Upgrade, New Home	New Home, Code Minim Home	Home	1,887	0.51	0
271	WS	N.O.	Residential	New	Whole Home Electric Res / Central AC	Electric Res / Central AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	2,317	0.51	0
272	WS	N.O.	Residential	New	Whole Home Gas Furnace w/ No AC	Gas Furnace w/ No AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	248	0.49	43
273	NWS	N.O.	Residential	New	Whole Home Electric Furnace w/ No AC	Electric Furnace w/ No AC	E* Upgrade, New Home	New Home, Code Minim Home	Home	1,133	0.51	0
274	NWS	N.O.	Residential	New	Pool/Spa	All systems	High Efficiency Pool Pump & Timer	E* Upgrade, New Home	Home	1,637	0.42	0
277	WS	N.O.	Residential	Existing	Res DR	All systems	Time-of-Use: No enabling in-home technology	Time-of-Use: No enabling in-home technology	Home	1,637	0.42	0
278	WS	N.O.	Residential	Existing	Res DR	All systems	Time-of-Use: With Critical Peak Pricing and enabling technology	Time-of-Use: With Critical Peak Pricing and enabling technology	Home	1,161	1.30	16
280	WS	N.O.	Residential	Existing	Res DR	All systems	Demand Response Load Control Pilot Program.	Demand Response Load Control Pilot Program.	Home	0	1.00	26
281	WS	N.O.	Residential	Existing	Res DR	All systems	In-home Display for Real Time Consumption and Budget Tracking	In-home Display for Real Time Consumption and Budget Tracking	Home	943	0.32	26
282	NWS	N.O.	Residential	Existing	Res DR	All systems	Energy Performance Benchmarking, Load pr 1% Savings	Energy Performance Benchmarking, Load pr 1% Savings	Home	145	0.05	0
283	NWS	ALL	Residential	New	Lighting	Gas Furnace / Central AC	New Home Advanced Lighting Package	Advanced Lighting Package	Home	1,692	0.11	0
284	NWS	ALL	Residential	New	Lighting	Gas Furnace / Central AC	New Home Advanced Lighting Package	Advanced Lighting Package	Home	1,058	0.07	0
285	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Infiltration Rate Reduced	High Infiltration Rate	Building	2,689	1.33	567
286	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Infiltration Rate Reduced	High Infiltration Rate	Building	732	0.22	43
287	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Infiltration Rate Reduced	High Infiltration Rate	Building	13,844	8.36	844
288	WS	N.O.	Non-Residential	Existing	HVAC	PTAC	Infiltration Rate Reduced	High Infiltration Rate	Building	15,107	3.41	0

MEASURE DESCRIPTION										INCREMENTAL MEASURE			
Weather Sensitive?	ID	Climate Zone	Sector	Sub-Sector	Vintage	End Use	Technology Type	Efficient Measure Definition	Base Measure Definition	Unit Name	Annual kWh Savings	Annual kWh Coincident Peak Savings	Annual Thm Savings
	289	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Infiltration Reduction	High Infiltration Rate	Building	3,427	1.72	50
	290	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Infiltration Reduction	High Infiltration Rate	Building	549	0.67	108
	291	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Infiltration Reduction	High Infiltration Rate	Building	0	6.39	138
	292	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Infiltration Reduction	High Infiltration Rate	Building	1,597	0.54	173
	293	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Infiltration Reduction	High Infiltration Rate	Building	12,967	4.36	883
	321	WS	N.O.	Non-Residential	Existing	Lighting	Chiller/Boiler	Lighting Upgrade	T8 Fluorescent	Building	33,122	1.91	0
	322	WS	N.O.	Non-Residential	Existing	Lighting	AC / Gas Packaged	Lighting Upgrade	T12 Fluorescent	Building	30,263	2.85	55
	323	WS	N.O.	Non-Residential	Existing	Lighting	Chiller/Boiler	Lighting Upgrade	T8 Fluorescent	Building	1,021,808	89.87	0
	324	WS	N.O.	Non-Residential	Existing	Lighting	PTAC	Lighting Upgrade	T12 Fluorescent	Building	123,336	13.35	0
	325	WS	N.O.	Non-Residential	Existing	Lighting	AC / Gas Packaged	Lighting Upgrade	T12 Fluorescent	Building	117,547	10.97	320
	326	WS	N.O.	Non-Residential	Existing	Lighting	AC / Gas Packaged	Lighting Upgrade	T8 Fluorescent	Building	32,739	4.06	73
	327	WS	N.O.	Non-Residential	Existing	Lighting	Chiller/Boiler	Lighting Upgrade	T8 Fluorescent	Building	542,074	69.15	1,140
	328	WS	N.O.	Non-Residential	Existing	Lighting	AC / Gas Packaged	Lighting Upgrade	T12 Fluorescent	Building	14,240	1.76	0
	329	WS	N.O.	Non-Residential	Existing	Lighting	AC / Gas Packaged	Lighting Upgrade	T12 Fluorescent	Building	25,117	1.55	0
	339	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	AHU Fan Schedule	Supply fan operation matc Fan Runs continuously	Building	5,439	0.00	343
	340	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	AHU Fan Schedule	Supply fan operation matc Fan Runs continuously	Building	3,357	0.00	164
	343	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	AHU Fan Schedule	Supply fan operation matc Fan Runs continuously	Building	2,476	0.00	157
	344	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	AHU Fan Schedule	Supply fan operation matc Fan Runs continuously	Building	1,571	0.00	145
	345	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	AHU Fan Schedule	Supply fan operation matc Fan Runs continuously	Building	8,415	0.00	700
	346	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	AHU Fan Schedule	Supply fan operation matc Fan Runs continuously	Building	6,964	0.00	726
	347	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	AHU Fan Schedule	Supply fan operation matc Fan Runs continuously	Building	2,432	0.00	184
	348	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Chilled Water Temperature	Chilled water loop temper Constant chilled water te Building	Building	5,439	0.00	343
	349	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Chilled Water Temperature	Chilled water loop temper Constant chilled water te Building	Building	3,357	0.00	164
	352	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Chilled Water Temperature	Chilled water loop temper Constant chilled water te Building	Building	2,476	0.00	157
	353	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Chilled Water Temperature	Chilled water loop temper Constant chilled water te Building	Building	1,571	0.00	145
	355	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Chilled Water Temperature	Chilled water loop temper Constant chilled water te Building	Building	6,964	0.00	726
	356	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Chilled Water Temperature	Chilled water loop temper Constant chilled water te Building	Building	2,432	0.00	184
	357	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Coil Efficiency	Dirty Coil	Building	9,519	2.46	0
	358	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Coil Efficiency	Cleaned Coil	Building	11,341	2.62	0
	359	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Coil Efficiency	Dirty Coil	Building	212,324	51.09	0
	360	WS	N.O.	Non-Residential	Existing	HVAC	PTAC	Coil Efficiency	Cleaned Coil	Building	38,561	7.84	0
	361	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Coil Efficiency	Cleaned Coil	Building	20,438	4.76	0
	362	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Coil Efficiency	Cleaned Coil	Building	11,820	2.86	0
	363	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Coil Efficiency	Dirty Coil	Building	77,869	21.48	0
	364	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Coil Efficiency	Cleaned Coil	Building	15,206	3.94	0
	365	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Coil Efficiency	Dirty Coil	Building	6,651	1.97	0
	366	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Ventilation	Direct Ventilation	Building	6,860	1.68	404
	367	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Ventilation	Direct Ventilation	Building	3,606	0.96	62
	368	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Ventilation	Direct Ventilation	Building	127,521	27.85	9,763
	369	WS	N.O.	Non-Residential	Existing	HVAC	PTAC	Ventilation	Direct Ventilation	Building	14,485	2.16	0
	370	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Ventilation	Direct Ventilation	Building	4,133	0.00	9
	371	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Ventilation	Direct Ventilation	Building	3,228	0.00	4
	372	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Ventilation	Direct Ventilation	Building	24,987	3.67	1,152
	373	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Ventilation	Direct Ventilation	Building	15,183	3.01	945
	374	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Duct Loss	leaky ducts	Building	4,292	0.78	985
	375	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Duct Loss	leaky ducts	Building	2,831	0.37	770
	377	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Duct Loss	leaky ducts	Building	135,319	17.72	29,981
	379	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Duct Loss	leaky ducts	Building	6,269	2.49	1,484
	380	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Duct Loss	leaky ducts	Building	3,329	0.51	900
	381	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Duct Loss	leaky ducts	Building	67,182	10.46	13,221
	382	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Duct Loss	leaky ducts	Building	2,948	0.10	636
	383	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Duct Loss	leaky ducts	Building	0	1.71	483
	384	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Economizer	Enthalpy Controlled Econ Fixed Economizer	Building	58,568	6.02	704
	385	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Economizer	Enthalpy Controlled Econ Fixed Economizer	Building	19,647	2.05	0
	386	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Economizer	Enthalpy Controlled Econ Fixed Economizer	Building	675,440	69.24	19,246
	387	WS	N.O.	Non-Residential	Existing	HVAC	PTAC	Economizer	Enthalpy Controlled Econ Fixed Economizer	Building	72,764	10.55	0
	388	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Economizer	Enthalpy Controlled Econ Fixed Economizer	Building	18,109	0.00	0
	389	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Economizer	Enthalpy Controlled Econ Fixed Economizer	Building	13,683	0.00	0
	390	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	Economizer	Enthalpy Controlled Econ Fixed Economizer	Building	175,725	3.87	29,981
	391	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Economizer	Enthalpy Controlled Econ Fixed Economizer	Building	67,770	13.79	2,986
	392	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	Economizer	Enthalpy Controlled Econ Fixed Economizer	Building	1,990	0.00	0
	393	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	HVAC Equipment Efficiency	High Efficiency Equipment Standard Efficiency Equi Building	Building	12,156	3.14	0
	394	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	HVAC Equipment Efficiency	High Efficiency Equipment Standard Efficiency Equi Building	Building	14,509	3.35	0
	395	WS	N.O.	Non-Residential	Existing	HVAC	Chiller/Boiler	HVAC Equipment Efficiency	High Efficiency Equipment Standard Efficiency Equi Building	Building	271,143	65.24	0
	396	WS	N.O.	Non-Residential	Existing	HVAC	PTAC	HVAC Equipment Efficiency	High Efficiency Equipment Standard Efficiency Equi Building	Building	49,333	10.03	0
	397	WS	N.O.	Non-Residential	Existing	HVAC	AC / Gas Packaged	HVAC Equipment Efficiency	High Efficiency Equipment Standard Efficiency Equi Building	Building	26,147	6.09	0

MEASURE DESCRIPTION										INCREMENTAL MEASURE			
ID	Weather Sensitive?	Climate Zone	Sector	Sub-Sector	Vintage	End Use	Technology Type	Efficient Measure Definition	Base Measure Definition	Unit Name	Annual kWh Savings	Annual kW Coincident Peak Savings	Annual Thm Savings
398	WS	N.O.	Non-Residential	Office - Small-Office	Existing	HVAC	AC / Gas Packaged	HVAC Equipment Efficiency	Standard Efficiency	Equi Building	15,122	3.66	0
399	WS	N.O.	Non-Residential	Office - Large	Existing	HVAC	Chiller/Boiler	HVAC Equipment Efficiency	Standard Efficiency	Equi Building	99,440	27.43	0
400	WS	N.O.	Non-Residential	Assembly	Existing	HVAC	AC / Gas Packaged	HVAC Equipment Efficiency	Standard Efficiency	Equi Building	19,465	5.05	0
401	WS	N.O.	Non-Residential	Warehouse	Existing	HVAC	AC / Gas Packaged	HVAC Equipment Efficiency	Standard Efficiency	Equi Building	8,509	2.53	0
402	WS	N.O.	Non-Residential	Education	Existing	HVAC	Chiller/Boiler	Air Distribution	Constant Volume	Building	4,347	0.00	1,674
403	WS	N.O.	Non-Residential	Food Service	Existing	HVAC	AC / Gas Packaged	Air Distribution	Constant Volume	Building	6,942	0.00	1,703
404	WS	N.O.	Non-Residential	Healthcare - Inpatient	Existing	HVAC	Chiller/Boiler	Air Distribution	Constant Volume	Building	0	0.00	51,089
405	WS	N.O.	Non-Residential	Retail - Small	Existing	HVAC	AC / Gas Packaged	Air Distribution	Constant Volume	Building	14,398	0.56	4,060
406	WS	N.O.	Non-Residential	Office - Small-Office	Existing	HVAC	AC / Gas Packaged	Air Distribution	Constant Volume	Building	10,572	0.00	2,285
407	WS	N.O.	Non-Residential	Office - Large	Existing	HVAC	Chiller/Boiler	Air Distribution	Constant Volume	Building	2,400	0.00	23,082
408	WS	N.O.	Non-Residential	Assembly	Existing	HVAC	AC / Gas Packaged	Air Distribution	Constant Volume	Building	0	0.00	1,417
409	WS	N.O.	Non-Residential	Warehouse	Existing	HVAC	AC / Gas Packaged	Air Distribution	Constant Volume	Building	8,630	0.98	551
410	WS	N.O.	Non-Residential	Education	Existing	HVAC	Chiller/Boiler	Circulating Pumps Type	Constant Speed	Building	2,169	3.53	0
411	WS	N.O.	Non-Residential	Healthcare - Inpatient	Existing	HVAC	Chiller/Boiler	Circulating Pumps Type	Constant Speed	Building	54,370	51.48	0
412	WS	N.O.	Non-Residential	Education	Existing	HVAC	Chiller/Boiler	Circulating Pumps Efficiency	Constant Speed	Building	21,69	3.53	0
413	WS	N.O.	Non-Residential	Healthcare - Inpatient	Existing	HVAC	Chiller/Boiler	Circulating Pumps Efficiency	Constant Speed	Building	54,370	51.48	0
422	WS	N.O.	Non-Residential	Office - Large	Existing	HVAC	Chiller/Boiler	Circulating Pumps Efficiency	Constant Speed	Building	22,000	10.92	0
423	WS	N.O.	Non-Residential	Office - Large	Existing	HVAC	Chiller/Boiler	Load Curtailment	Constant Speed	Building	792	20.00	0
438	WS	N.O.	Non-Residential	All sub-sectors	Existing	DR/CHP/DG	All Systems	Commercial Lighting Upgrades	No Load Curtailment	Building	376,770	71.60	0
439	WS	N.O.	Non-Residential	All sub-sectors	Existing	Lighting	All Systems	LED Traffic Lights	Standard Efficiency	Building	522	0.37	0
467	NWS	ALL	Non-Residential	Municipal	Existing	Lighting	Motors	1.0 HP ODP NEMA Premium Motor	Incandescent Traffic Light 1 Signal (red, yellow, green)	1 Motor	85	0.04	0
469	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	2.0 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	95	0.04	0
470	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	3.0 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	124	0.05	0
471	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	5.0 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	167	0.07	0
472	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	7.5 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	304	0.11	0
473	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	10 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	387	0.14	0
474	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	15 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	430	0.15	0
475	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	20 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	626	0.22	0
476	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	25 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	922	0.39	0
477	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	30 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	1,165	0.47	0
478	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	40 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	1,267	0.40	0
479	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	50 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	1,741	0.55	0
480	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	60 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	1,772	0.54	0
481	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	75 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	2,044	0.60	0
482	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	100 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	2,707	0.87	0
483	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	125 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	4,892	1.13	0
484	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	150 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	5,124	1.18	0
485	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	200 HP ODP NEMA Premium Motor	EPACT 1992 Motor	1 Motor	6,496	1.49	0
486	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	1.0 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	85	0.04	0
487	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	2.0 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	95	0.04	0
488	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	3.0 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	124	0.05	0
489	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	5.0 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	167	0.07	0
490	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	7.5 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	304	0.11	0
491	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	10 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	387	0.14	0
492	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	15 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	430	0.15	0
493	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	20 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	626	0.22	0
494	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	25 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	922	0.39	0
495	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	30 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	1,165	0.47	0
496	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	40 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	1,267	0.40	0
497	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	50 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	1,741	0.55	0
498	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	60 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	1,772	0.54	0
499	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	75 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	2,044	0.60	0
500	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	100 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	2,707	0.87	0
501	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	125 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	4,892	1.13	0
502	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	150 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	5,124	1.18	0
503	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	200 HP TEFC NEMA Premium Motor	EPACT 1992 Motor	1 Motor	6,496	1.49	0
504	NWS	ALL	Non-Residential	All sub-sectors	Existing	Motors	Motors	Connections Steamers	Standard 3-pan steamer c	1 Unit	11,166	2.50	0
516	NWS	ALL	Non-Residential	Food Service	Existing	Cooking	Cooking	Efficient Air-Cooled 201-300 lbs/day	Efficient Ice Machine 201-Base Air-Cooled 201-300-1 Unit	1 Unit	2,281	0.26	0
524	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Efficient Air-Cooled 301-400 lbs/day	Efficient Ice Machine 301-Base Air-Cooled 301-400-1 Unit	1 Unit	1,661	0.19	0
525	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Efficient Air-Cooled 501-1000 lbs/day	Efficient Ice Machine 01-1-Base Air-Cooled 501-1001-1 Unit	1 Unit	3,011	0.34	0
527	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Efficient Air-Cooled 1001-1500 lbs/day	Efficient Ice Machine 01-1-Base Air-Cooled 1001-1501-1 Unit	1 Unit	4,106	0.47	0
528	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Vending Machine Controller	Cold Drink Vending Machi Uncontrolled Cold Drink 1 Unit	1 Unit	1,612	0.00	0
529	NWS	ALL	Non-Residential	All sub-sectors	Existing	Vending	Vending	Vending Machine Controller	Uncontrolled Cold Drink 1 Unit	1 Unit	387	0.00	0
530	NWS	ALL	Non-Residential	All sub-sectors	Existing	Vending	Vending	Tier 1 Refrigerator < 30 ft3	Tier1 Refrigerator < 30 ft3 Base Refrigerator < 30 ft1 Unit	1 Unit	561	0.06	0
531	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 1 Refrigerator < 30 ft3	Tier1 Refrigerator < 30 ft3 Base Refrigerator < 30 ft1 Unit	1 Unit	823	0.09	0
532	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 1 Refrigerator 31 - 60 ft3	Tier1 Refrigerator 31 - 60 Base Refrigerator 31 - 60-1 Unit	1 Unit	823	0.09	0

MEASURE DESCRIPTION										INCREMENTAL MEASURE			
ID	Weather Sensitivity?	Climate Zone	Sector	Sub-Sector	Vintage	End Use	Technology Type	Efficient Measure Definition	Base Measure Definition	Unit Name	Annual kWh Savings	Annual kW Coincident Peak Savings	Annual Thm Savings
533	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 1 Refrigerator >= 61 ft3	Tier 1 Refrigerator >= 61 ft Base Refrigerator >= 61 Unit		1,086	0.12	0
534	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 2 Refrigerator < 30 ft3	Tier 2 Refrigerator < 30 ft3 Base Refrigerator < 30 ft1 Unit		1,183	0.14	0
535	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 2 Refrigerator 31 - 60 ft3	Tier 2 Refrigerator 31 - 60 ft3 Base Refrigerator 31 - 61 Unit		1,778	0.20	0
536	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 2 Refrigerator >= 61 ft3	Tier 2 Refrigerator >= 61 ft Base Refrigerator >= 61 Unit		2,374	0.27	0
537	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 1 Freezer < 30 ft3	Tier 1 Freezer < 30 ft3 Base Freezer < 30 ft3 Unit		508	0.06	0
538	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 1 Freezer >= 61 ft3	Tier 1 Freezer >= 61 ft3 Base Freezer >= 61 Unit		666	0.08	0
539	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 2 Freezer < 30 ft3	Tier 2 Freezer < 30 ft3 Base Freezer < 30 ft3 Unit		823	0.09	0
540	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 2 Freezer >= 61 ft3	Tier 2 Freezer >= 61 ft3 Base Freezer >= 61 Unit		1,666	0.19	0
541	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 2 Freezer < 30 ft3	Tier 2 Freezer < 30 ft3 Base Freezer < 30 ft3 Unit		2,812	0.32	0
542	NWS	ALL	Non-Residential	Food Service	Existing	Refrigeration	Refrigeration	Tier 2 Freezer 31 - 60 ft3	Tier 2 Freezer 31 - 60 ft3 Base Freezer 31 - 60 ft3 Unit		3,968	0.45	0
543	NWS	ALL	Non-Residential	Education	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
544	NWS	ALL	Non-Residential	Food Service	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
545	NWS	ALL	Non-Residential	Food Service	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
546	NWS	ALL	Non-Residential	Healthcare - Inpatient	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
547	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
548	NWS	ALL	Non-Residential	Retail - Small	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
549	NWS	ALL	Non-Residential	Office - Small/Outpa	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
550	NWS	ALL	Non-Residential	Office - Large	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
551	NWS	ALL	Non-Residential	Assembly	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
552	NWS	ALL	Non-Residential	Warehouse	Existing	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
553	NWS	ALL	Non-Residential	Education	New	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
554	NWS	ALL	Non-Residential	Food Service	New	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
555	NWS	ALL	Non-Residential	Healthcare - Inpatient	New	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
556	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	New	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
557	NWS	ALL	Non-Residential	Retail - Small	New	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
558	NWS	ALL	Non-Residential	Office - Small/Outpa	New	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
559	NWS	ALL	Non-Residential	Office - Large	New	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
560	NWS	ALL	Non-Residential	Assembly	New	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
561	NWS	ALL	Non-Residential	Warehouse	New	Exit Signs	Exit Signs	Dual-sided LED Exit Sign	Dual-sided LED Exit Sign - 2 1 building		184	0.02	0
562	NWS	ALL	Non-Residential	Office - Small/Outpa	Existing	Lighting	Lighting	Lighting CFL 15W	Dual-sided LED Exit Sign - 2 1 building		62	0.02	0
563	NWS	ALL	Non-Residential	Office - Small/Outpa	Existing	Lighting	Lighting	Lighting CFL 20W	15 W E' CFL		100	0.03	0
564	NWS	ALL	Non-Residential	Office - Small/Outpa	Existing	Lighting	Lighting	Lighting CFL 23W	20 W E' CFL		130	0.04	0
565	NWS	ALL	Non-Residential	Office - Small/Outpa	Existing	Lighting	Lighting	Lighting CFL 27W	23 W E' CFL		182	0.06	0
566	NWS	ALL	Non-Residential	Retail - Small	Existing	Lighting	Lighting	Lighting CFL 15W	15 W E' CFL		93	0.02	0
567	NWS	ALL	Non-Residential	Retail - Small	Existing	Lighting	Lighting	Lighting CFL 20W	20 W E' CFL		149	0.04	0
568	NWS	ALL	Non-Residential	Retail - Small	Existing	Lighting	Lighting	Lighting CFL 23W	23 W E' CFL		194	0.05	0
569	NWS	ALL	Non-Residential	Retail - Small	Existing	Lighting	Lighting	Lighting CFL 27W	27 W E' CFL		272	0.06	0
570	NWS	ALL	Non-Residential	Food Service	Existing	Lighting	Lighting	Lighting CFL 15W	15 W E' CFL		122	0.02	0
571	NWS	ALL	Non-Residential	Food Service	Existing	Lighting	Lighting	Lighting CFL 20W	20 W E' CFL		195	0.03	0
572	NWS	ALL	Non-Residential	Food Service	Existing	Lighting	Lighting	Lighting CFL 23W	23 W E' CFL		254	0.04	0
573	NWS	ALL	Non-Residential	Food Service	Existing	Lighting	Lighting	Lighting CFL 27W	27 W E' CFL		357	0.05	0
574	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	Existing	Lighting	Lighting	Lighting CFL 15W common area	100 W Incandescent		218	0.04	0
575	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	Existing	Lighting	Lighting	Lighting CFL 20W common area	75 W Incandescent		218	0.03	0
576	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	Existing	Lighting	Lighting	Lighting CFL 23W common area	40 W Incandescent		349	0.03	0
577	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	Existing	Lighting	Lighting	Lighting CFL 27W common area	60 W Incandescent		454	0.03	0
578	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	Existing	Lighting	Lighting	Lighting CFL 15W guest rooms	75 W Incandescent		638	0.05	0
579	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	Existing	Lighting	Lighting	Lighting CFL 20W guest rooms	100 W Incandescent		29	0.00	0
580	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	Existing	Lighting	Lighting	Lighting CFL 23W guest rooms	60 W Incandescent		46	0.00	0
581	NWS	ALL	Non-Residential	Lodging - Hotel/Mot	Existing	Lighting	Lighting	Lighting CFL 27W guest rooms	75 W Incandescent		60	0.00	0
582	NWS	ALL	Non-Residential	Education	Existing	Lighting	Lighting	Lighting CFL 15W	100 W Incandescent		84	0.00	0
583	NWS	ALL	Non-Residential	Education	Existing	Lighting	Lighting	Lighting CFL 20W	100 W Incandescent		285	0.00	0
584	NWS	ALL	Non-Residential	Healthcare - Inpatient	Existing	Lighting	Lighting	Lighting CFL 23W	Assume control 3 2-lamp f No Lighting Control		366	0.00	0
585	NWS	ALL	Non-Residential	Healthcare - Inpatient	Existing	Lighting	Lighting	Lighting CFL 27W	Assume control 3 2-lamp f No Lighting Control		638	0.00	0
586	NWS	ALL	Non-Residential	Retail - Small	Existing	Lighting	Lighting	Lighting CFL 15W	Assume control 3 2-lamp f No Lighting Control		288	0.00	0
587	NWS	ALL	Non-Residential	Retail - Small	Existing	Lighting	Lighting	Lighting CFL 20W	Assume control 3 2-lamp f No Lighting Control		734	0.00	0
588	NWS	ALL	Non-Residential	Office - Small/Outpa	Existing	Lighting	Lighting	Lighting CFL 23W	Assume control 3 2-lamp f No Lighting Control		454	0.00	0
589	NWS	ALL	Non-Residential	Office - Large	Existing	Lighting	Lighting	Lighting CFL 27W	Assume control 3 2-lamp f No Lighting Control		454	0.00	0
590	NWS	ALL	Non-Residential	Warehouse	Existing	Lighting	Lighting	Lighting CFL 15W	Assume control 3 2-lamp f No Lighting Control		564	0.00	0
591	NWS	ALL	Non-Residential	Warehouse	Existing	Lighting	Lighting	Lighting CFL 20W	Assume control 3 2-lamp f No Lighting Control		809	0.00	0
592	NWS	N.O.	Non-Residential	All	Existing	Lighting	Lighting	Lighting CFL 23W	Assume control 3 2-lamp f No Lighting Control		0	0.00	0
593	NWS	N.O.	Non-Residential	All	Existing	Lighting	Lighting	Lighting CFL 27W	Assume control 3 2-lamp f No Lighting Control		0	0.00	0
594	NWS	N.O.	Non-Residential	All	Existing	Lighting	Lighting	Lighting CFL 15W	Assume control 3 2-lamp f No Lighting Control		0	0.00	0
595	NWS	N.O.	Non-Residential	All	Existing	Lighting	Lighting	Lighting CFL 20W	Assume control 3 2-lamp f No Lighting Control		0	0.00	0
598	NWS	N.O.	Non-Residential	All	Existing	Lighting	Lighting	Lighting CFL 23W	Assume control 3 2-lamp f No Lighting Control		0	0.00	0
600	NWS	N.O.	Non-Residential	All	Existing	Lighting	Lighting	Lighting CFL 27W	Assume control 3 2-lamp f No Lighting Control		0	0.00	0
601	NWS	N.O.	Non-Residential	All	Existing	Lighting	Lighting	Lighting CFL 15W	Assume control 3 2-lamp f No Lighting Control		0	0.00	0
602	NWS	N.O.	Non-Residential	All	Existing	Lighting	Lighting	Lighting CFL 20W	Assume control 3 2-lamp f No Lighting Control		0	0.00	0
603	NWS	N.O.	Non-Residential	All	Existing	Lighting	Lighting	Lighting CFL 23W	Assume control 3 2-lamp f No Lighting Control		0	0.00	0

MEASURE DESCRIPTION										INCREMENTAL MEASURE				
ID	Weather Sensitive?	Climate Zone	Sector	Sub-Sector	Vintage	End Use	Technology Type	Efficient Measure	Efficient Measure Definition	Base Measure Definition	Unit Name	Annual kWh Savings	Annual kW Coincident Peak Savings	Annual Thm Savings
604	NVS	N.O.	Non-Residential	All	Existing	Industrial		Comp Air - Motor practices-1 (100+ HP)	0.015 kWh Savings	Standard	1 kWh	0	0.00	0
605	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Comp Air - Power recovery	0.01 kWh Savings	Standard	1 kWh	0	0.00	0
606	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Comp Air - Refinery Controls	0.025 kWh Savings	Standard	1 kWh	0	0.00	0
607	NVS	N.O.	Non-Residential	All	Existing	Industrial		Comp Air - Energy Star Transformers	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
608	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - O&M	0.02 kWh Savings	Standard	1 kWh	0	0.00	0
609	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - Controls	0.3 kWh Savings	Standard	1 kWh	0	0.00	0
610	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - System Optimization	0.212 kWh Savings	Standard	1 kWh	0	0.00	0
611	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - Improve components	0.05 kWh Savings	Standard	1 kWh	0	0.00	0
614	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - Motor practices-1 (1-5 HP)	0.048 kWh Savings	Standard	1 kWh	0	0.00	0
616	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - ASD (6-100 hp)	0.064 kWh Savings	Standard	1 kWh	0	0.00	0
617	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - Motor practices-1 (6-100 HP)	0.024 kWh Savings	Standard	1 kWh	0	0.00	0
618	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - Replace 100+ HP motor	0.031 kWh Savings	Standard	1 kWh	0	0.00	0
619	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - ASD (100+ hp)	0.064 kWh Savings	Standard	1 kWh	0	0.00	0
620	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - Motor practices-1 (100+ HP)	0.015 kWh Savings	Standard	1 kWh	0	0.00	0
621	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Fans - Optimize drying process	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
622	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Fans - Power recovery	0.01 kWh Savings	Standard	1 kWh	0	0.00	0
623	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Fans - Refinery Controls	0.025 kWh Savings	Standard	1 kWh	0	0.00	0
624	NVS	N.O.	Non-Residential	All	Existing	Industrial		Fans - Energy Star Transformers	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
625	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - O&M	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
626	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - Controls	0.3 kWh Savings	Standard	1 kWh	0	0.00	0
627	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - System Optimization	0.33 kWh Savings	Standard	1 kWh	0	0.00	0
628	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - Sizing	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
631	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - Motor practices-1 (1-5 HP)	0.048 kWh Savings	Standard	1 kWh	0	0.00	0
633	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - ASD (6-100 HP)	0.064 kWh Savings	Standard	1 kWh	0	0.00	0
634	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - Motor practices-1 (6-100 HP)	0.024 kWh Savings	Standard	1 kWh	0	0.00	0
635	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - Replace 100+ HP motor	0.031 kWh Savings	Standard	1 kWh	0	0.00	0
636	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - ASD (100+ hp)	0.064 kWh Savings	Standard	1 kWh	0	0.00	0
637	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - Motor practices-1 (100+ HP)	0.015 kWh Savings	Standard	1 kWh	0	0.00	0
638	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Pumps - Power recovery	0.01 kWh Savings	Standard	1 kWh	0	0.00	0
639	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Pumps - Refinery Controls	0.025 kWh Savings	Standard	1 kWh	0	0.00	0
640	NVS	N.O.	Non-Residential	All	Existing	Industrial		Pumps - Energy Star Transformers	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
641	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Bakery - Process (Mixing) - O&M	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
642	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - O&M/drives spinning machines	0.16 kWh Savings	Standard	1 kWh	0	0.00	0
643	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Air conveying systems	0.413 kWh Savings	Standard	1 kWh	0	0.00	0
644	NVS	N.O.	Non-Residential	All	Existing	Industrial		Drives - Replace V-Belts	0.06 kWh Savings	Standard	1 kWh	0	0.00	0
645	NVS	N.O.	Non-Residential	All	Existing	Industrial		Drives - Drives - EE motor	0.034 kWh Savings	Standard	1 kWh	0	0.00	0
646	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Gap Forming papermachine	0.079 kWh Savings	Standard	1 kWh	0	0.00	0
647	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - High Consistency forming	0.076 kWh Savings	Standard	1 kWh	0	0.00	0
648	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Optimization control PM	0.05 kWh Savings	Standard	1 kWh	0	0.00	0
649	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Efficient practices printing press	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
650	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Efficient Printing press (fewer cylinder)	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
652	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Efficient drives	0.035 kWh Savings	Standard	1 kWh	0	0.00	0
653	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Clean Room - Controls	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
654	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Clean Room - New Designs	0.3 kWh Savings	Standard	1 kWh	0	0.00	0
655	NVS	N.O.	Non-Residential	All	Existing	Industrial		Drives - Process Drives - ASD	0.006 kWh Savings	Standard	1 kWh	0	0.00	0
656	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - O&M - Extruders/injection Moulding	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
657	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Extruders/injection Moulding/multi	0.3 kWh Savings	Standard	1 kWh	0	0.00	0
658	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Injection Moulding - Impulse Cooling	0.21 kWh Savings	Standard	1 kWh	0	0.00	0
660	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Injection Moulding - Direct drive	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
661	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Process control	0.035 kWh Savings	Standard	1 kWh	0	0.00	0
663	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Process optimization	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
664	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Drives - Process Control	0.05 kWh Savings	Standard	1 kWh	0	0.00	0
665	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Efficient drives - rolling	0.058 kWh Savings	Standard	1 kWh	0	0.00	0
666	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Drives - Optimization process (M&T)	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
667	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Drives - Scheduling	0.053 kWh Savings	Standard	1 kWh	0	0.00	0
668	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Machinery	0.071 kWh Savings	Standard	1 kWh	0	0.00	0
669	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drives - Efficient Machinery	0.035 kWh Savings	Standard	1 kWh	0	0.00	0
670	NVS	N.O.	Non-Residential	All	Existing	Industrial		Drives - Energy Star Transformers	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
671	NVS	N.O.	Non-Residential	All	Existing	Industrial		Bakery - Process	0.37 kWh Savings	Standard	1 kWh	0	0.00	0
672	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Drying (UV/IR)	0.262 kWh Savings	Standard	1 kWh	0	0.00	0
673	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Top-heating (glass)	0.04 kWh Savings	Standard	1 kWh	0	0.00	0
675	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Efficient electric melting	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
676	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Near Net Shape Casting	0.12 kWh Savings	Standard	1 kWh	0	0.00	0
678	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Heating - Process Control	0.05 kWh Savings	Standard	1 kWh	0	0.00	0
679	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Efficient Curing ovens	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
680	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial		Heating - Optimization process (M&T)	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
681	NVS	N.O.	Non-Residential	Multiple	Existing	Industrial				Standard	1 kWh	0	0.00	0

MEASURE DESCRIPTION **INCREMENTAL MEASURE**

Weather Sensitive?	Climate Zone	Sector	Sub-Sector	Vintage	End Use	Technology Type	Efficient Measure	Efficient Measure Definition	Base Measure Definition	Unit Name	Annual kWh Savings	Annual kW Coincident Peak Savings	Annual Thm Savings
682	NWS	N.O.	Non-Residential	Existing	Industrial		Heating - Scheduling	0.055 kWh Savings	Standard	1 kWh	0	0.00	0
683	NWS	N.O.	Non-Residential	Existing	Industrial		Energy Star Transformers	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
684	NWS	N.O.	Non-Residential	Existing	Industrial		Efficient Refrigeration - Operations	0.12 kWh Savings	Standard	1 kWh	0	0.00	0
685	NWS	N.O.	Non-Residential	Existing	Industrial		Optimization Refrigeration	0.26 kWh Savings	Standard	1 kWh	0	0.00	0
686	NWS	N.O.	Non-Residential	Existing	Industrial		Energy Star Transformers	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
687	NWS	N.O.	Non-Residential	Existing	Industrial		Other Process Controls (batch + site)	0.08 kWh Savings	Standard	1 kWh	0	0.00	0
688	NWS	N.O.	Non-Residential	Existing	Industrial		Efficient desalter	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
689	NWS	N.O.	Non-Residential	Existing	Industrial		New transformers welding	0.25 kWh Savings	Standard	1 kWh	0	0.00	0
690	NWS	N.O.	Non-Residential	Existing	Industrial		Efficient processes (welding, etc.)	0.04 kWh Savings	Standard	1 kWh	0	0.00	0
691	NWS	N.O.	Non-Residential	Existing	Industrial		Process control	0.01 kWh Savings	Standard	1 kWh	0	0.00	0
692	NWS	N.O.	Non-Residential	Existing	Industrial		Power recovery	0.025 kWh Savings	Standard	1 kWh	0	0.00	0
693	NWS	N.O.	Non-Residential	Existing	Industrial		Refinery Controls	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
694	NWS	N.O.	Non-Residential	Existing	Industrial		Energy Star Transformers	0.12 kWh Savings	Standard	1 kWh	0	0.00	0
695	NWS	N.O.	Non-Residential	Existing	Industrial		Centrifugal Chiller, 0.51 kW/ton, 500 tons	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
696	NWS	N.O.	Non-Residential	Existing	Industrial		Energy Star Transformers - Chillers	0.103 kWh Savings	Standard	1 kWh	90	0.01	0
705	NWS	N.O.	Non-Residential	Existing	Industrial		Window Film - DX	0.1 kWh Savings	Standard	Sq Ft/Window Area	10	0.00	0
707	NWS	N.O.	Non-Residential	Existing	Industrial		Prog. Thermostat-DX	0.2 kWh Savings	Standard	Tons Cooling	127	0.02	0
709	NWS	N.O.	Non-Residential	Existing	Industrial		Energy Star Transformers - DX	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
710	NWS	N.O.	Non-Residential	Existing	Industrial		RET 2L4 Premium 18, 1EB	0.314 kWh Savings	Standard	Fixture	86	0.01	0
711	NWS	N.O.	Non-Residential	Existing	Industrial		CFL Hardwired, Modular 36W	0.72 kWh Savings	Standard	Fixture	271	0.04	0
713	NWS	N.O.	Non-Residential	Existing	Industrial		Occupancy Sensor, 4L4 Fluorescent Fixture	0.2 kWh Savings	Standard	Fixture	55	0.01	0
714	NWS	N.O.	Non-Residential	Existing	Industrial		Energy Star Transformers	0.2 kWh Savings	Standard	Fixture	0	0.00	0
715	NWS	N.O.	Non-Residential	Existing	Industrial		Replace V-belts	0.001 kWh Savings	Standard	1 kWh	0	0.00	0
716	NWS	N.O.	Non-Residential	Existing	Industrial		Membranes for wastewater	0.1 kWh Savings	Standard	1 kWh	0	0.00	0
717	NWS	N.O.	Non-Residential	Existing	Industrial		Energy Star Transformers	0.2 kWh Savings	Standard	1 kWh	0	0.00	0
718	NWS	N.O.	Non-Residential	Existing	DR/CHP/DG		Industrial Demand Response	100% Reduction, 80 hours	Standard	1 customer	4,000	50.00	0
722	NWS	ALL	Non-Residential	Existing	Data Center	Data Center	Server Virtualization	Data Center Server Optim No software	ENERGY STAR Furnace	Package	1,875	0.21	0
723	NWS	N.O.	Residential	Existing	HVAC		Efficient Gas Furnace	ENERGY STAR Water He	Standard Electric Furnat Home	Home	2,536	0.40	0
724	NWS	N.O.	Residential	Existing	DHW		Efficient Gas Water Heater	ENERGY STAR Room AC	Standard Electric Water Home	Home	4,065	0.60	0
725	WS	ALL	Residential	Existing	HVAC		Window Air Conditioner - Early Replacement	ENERGY STAR Room AC	18,000 - 23,999 BTU/hr	18,000 - 23,999 BTU/hr	248	0.11	0
726	NWS	ALL	Residential	Existing	DHW		Gas Instant DHW (0.80 EF)	Gas Instant DHW (0.80 EF)	Electric Storage DHW (C-Home)	C-Home	4,065	0.20	0
727	NWS	ALL	Residential	Existing	DHW		Gas Instant DHW (0.80 EF)	Gas Instant DHW (0.80 EF)	Electric Storage DHW (C-Home)	C-Home	4,065	0.20	0
730	NWS	N.O.	Non-Residential	Existing	All Systems		Commercial Lighting Upgrades	High Efficiency Lighting	Standard Efficiency Building	Building	376,770	71.60	0
731	NWS	N.O.	Residential	Existing	Lighting		Lighting CFL 15W	14 - 18 W E* CFL	40 W Incandescent	1 CFL, 4 hrs per day	37	0.01	0
732	NWS	N.O.	Residential	Existing	Lighting		Lighting CFL 20W	19 - 21 W E* CFL	60 W Incandescent	1 CFL, 4 hrs per day	58	0.01	0
733	NWS	N.O.	Residential	Existing	Lighting		Lighting CFL 23W	22 - 25 W E* CFL	75 W Incandescent	1 CFL, 4 hrs per day	76	0.01	0
734	NWS	N.O.	Residential	Existing	Lighting		Lighting CFL 27W	26 - 28 W E* CFL	100 W Incandescent	1 CFL, 4 hrs per day	107	0.02	0
735	WS	N.O.	Residential	New	Whole Home Electric Res / Central AC		E* Upgrade, New Home	New Home, E*	New Home, Code Minim Home	Home	3,921	1.14	0
736	WS	N.O.	Residential	New	Whole Home Heat pump - Elec Backup		E* Upgrade, New Home	New Home, E*	New Home, Code Minim Home	Home	3,988	1.11	0
737	WS	N.O.	Residential	New	Whole Home Gas Furnace / Central AC		E* Upgrade, New Home	New Home, E*	New Home, Code Minim Home	Home	3,243	1.04	58
738	WS	N.O.	Residential	New	Whole Home Electric Res / Central AC		E* Upgrade, New Home	New Home, E*	New Home, Code Minim Home	Home	2,202	0.52	0
739	WS	N.O.	Residential	New	Whole Home Heat pump - Elec Backup		E* Upgrade, New Home	New Home, E*	New Home, Code Minim Home	Home	2,271	0.51	0
740	WS	N.O.	Residential	New	Whole Home Gas Furnace / Central AC		E* Upgrade, New Home	New Home, E*	New Home, Code Minim Home	Home	1,782	0.45	32