

Shared Passing Measure Cost-Effectiveness Test Results										
Customer Class	Measure Name	Segment	Vintage	*Measure Name	TRC AP			RIM AP		
					TRC	RIM	PCT	TRC	RIM	PCT
Residential	14 SEER ASHP from base electric resistance heating	Single Family	Turnover	T_SF_14 SEER A	3.18	0.99	3.45	3.45	1.00	3.40
Residential	14 SEER ASHP from base electric resistance heating	Multi-Family	Turnover	T_MF_14 SEER A	2.93	0.96	3.24	3.24	1.00	3.11
Residential	14 SEER ASHP from base electric resistance heating	Manufactured Home	Turnover	T_MH_14 SEER A	2.04	0.84	2.52	2.52	1.00	2.11
Residential	14 SEER ASHP from base electric resistance heating	Single Family	New	N_SF_14 SEER A	3.18	0.99	3.45	3.45	1.00	3.40
Residential	14 SEER ASHP from base electric resistance heating	Multi-Family	New	N_MF_14 SEER A	2.93	0.96	3.24	3.24	1.00	3.11
Residential	14 SEER ASHP from base electric resistance heating	Manufactured Home	New	N_MH_14 SEER A	2.04	0.84	2.52	2.52	1.00	2.11
Residential	15 SEER Air Source Heat Pump	Single Family	Turnover	T_SF_15 SEER A	1.44	0.73	2.02	2.02	1.00	1.46
Residential	15 SEER Air Source Heat Pump	Single Family	New	N_SF_15 SEER A	1.44	0.73	2.02	2.02	1.00	1.46
Residential	15 SEER Central AC	Single Family	Turnover	T_SF_15 SEER C	1.52	0.71	2.21	2.21	1.00	1.55
Residential	15 SEER Central AC	Single Family	New	N_SF_15 SEER C	1.52	0.71	2.21	2.21	1.00	1.55
Residential	16 SEER Central AC	Single Family	Turnover	T_SF_16 SEER C	1.46	0.69	2.16	2.16	1.00	1.48
Residential	16 SEER Central AC	Single Family	New	N_SF_16 SEER C	1.46	0.69	2.16	2.16	1.00	1.48
Residential	Air Sealing-Infiltration Control	Single Family	Existing	E_SF_Air Sealing	1.24	0.67	1.90	1.90	1.00	1.25
Residential	Air Sealing-Infiltration Control	Multi-Family	Existing	E_MF_Air Sealing	1.35	0.70	1.99	1.99	1.00	1.37
Residential	Air Sealing-Infiltration Control	Manufactured Home	Existing	E_MH_Air Sealing	1.88	0.82	2.41	2.41	1.00	1.95
Residential	Ceiling Insulation(R12 to R38)	Single Family	Existing	E_SF_Ceiling Ins	2.19	0.88	2.56	2.56	1.00	2.24
Residential	Ceiling Insulation(R12 to R38)	Multi-Family	Existing	E_MF_Ceiling Ins	1.65	0.78	2.16	2.16	1.00	1.67
Residential	Ceiling Insulation(R12 to R38)	Manufactured Home	Existing	E_MH_Ceiling Ins	1.55	0.76	2.09	2.09	1.00	1.57
Residential	Ceiling Insulation(R12 to R38)	Single Family	New	N_SF_Ceiling Ins	2.19	0.88	2.56	2.56	1.00	2.24
Residential	Ceiling Insulation(R12 to R38)	Multi-Family	New	N_MF_Ceiling Ins	1.65	0.78	2.16	2.16	1.00	1.67
Residential	Ceiling Insulation(R12 to R38)	Manufactured Home	New	N_MH_Ceiling Ins	1.55	0.76	2.09	2.09	1.00	1.57
Residential	Ceiling Insulation(R19 to R38)	Single Family	Existing	E_SF_Ceiling Ins	1.31	0.69	1.92	1.92	1.00	1.32
Residential	Ceiling Insulation(R19 to R38)	Single Family	New	N_SF_Ceiling Ins	1.31	0.69	1.92	1.92	1.00	1.32
Residential	Ceiling Insulation(R2 to R38)	Single Family	Existing	E_SF_Ceiling Ins	6.32	1.19	5.97	5.97	1.19	5.97
Residential	Ceiling Insulation(R2 to R38)	Multi-Family	Existing	E_MF_Ceiling Ins	4.76	1.12	4.60	4.60	1.12	4.60
Residential	Ceiling Insulation(R2 to R38)	Manufactured Home	Existing	E_MH_Ceiling Ins	4.66	1.12	4.52	4.52	1.12	4.52
Residential	Ceiling Insulation(R2 to R38)	Single Family	New	N_SF_Ceiling Ins	6.32	1.19	5.97	5.97	1.19	5.97
Residential	Ceiling Insulation(R2 to R38)	Multi-Family	New	N_MF_Ceiling Ins	4.76	1.12	4.60	4.60	1.12	4.60
Residential	Ceiling Insulation(R2 to R38)	Manufactured Home	New	N_MH_Ceiling Ins	4.66	1.12	4.52	4.52	1.12	4.52
Residential	Duct Repair	Single Family	Existing	E_SF_Duct Repair	3.19	0.99	3.52	3.52	1.00	3.50
Residential	Duct Repair	Multi-Family	Existing	E_MF_Duct Repair	2.17	0.87	2.64	2.64	1.00	2.28
Residential	Duct Repair	Manufactured Home	Existing	E_MH_Duct Repair	3.13	0.99	3.47	3.47	1.00	3.43
Residential	Energy Star Windows	Single Family	Existing	E_SF_Energy Star	3.36	1.02	3.46	3.46	1.02	3.46
Residential	Energy Star Windows	Multi-Family	Existing	E_MF_Energy Star	3.36	1.02	3.46	3.46	1.02	3.46
Residential	Energy Star Windows	Manufactured Home	Existing	E_MH_Energy Star	3.36	1.02	3.46	3.46	1.02	3.46
Residential	Home Energy Management System	Single Family	Existing	E_SF_Home Ener	1.71	0.78	2.27	2.27	1.00	1.76
Residential	Home Energy Management System	Multi-Family	Existing	E_MF_Home Ener	1.25	0.67	1.91	1.91	1.00	1.27
Residential	Home Energy Management System	Manufactured Home	Existing	E_MH_Home Ener	1.88	0.82	2.41	2.41	1.00	1.95
Residential	Home Energy Management System	Single Family	New	N_SF_Home Ener	1.71	0.78	2.27	2.27	1.00	1.76
Residential	Home Energy Management System	Multi-Family	New	N_MF_Home Ener	1.25	0.67	1.91	1.91	1.00	1.27
Residential	Home Energy Management System	Manufactured Home	New	N_MH_Home Ener	1.88	0.82	2.41	2.41	1.00	1.95
Residential	Spray Foam Insulation(Base R2)	Single Family	Existing	E_SF_Spray Foam	1.48	0.74	2.04	2.04	1.00	1.50
Residential	Spray Foam Insulation(Base R2)	Single Family	New	N_SF_Spray Foam	1.48	0.74	2.04	2.04	1.00	1.50
Residential	Wall Insulation	Single Family	Existing	E_SF_Wall Insula	1.31	0.69	1.92	1.92	1.00	1.32
Residential	Wall Insulation	Manufactured Home	Existing	E_MH_Wall Insula	1.51	0.75	2.06	2.06	1.00	1.53
Commercial	High Efficiency Chiller (Water cooled-centrifugal, 200 tons)	Assembly	Turnover	T_AS_High Efficie	2.40	0.87	2.89	2.89	1.03	2.49
Commercial	High Efficiency Chiller (Water cooled-centrifugal, 200 tons)	College and University	Turnover	T_CU_High Efficie	2.65	0.90	3.09	3.09	1.03	2.76
Commercial	High Efficiency Chiller (Water cooled-centrifugal, 200 tons)	Grocery	Turnover	T_GR_High Efficie	1.36	0.68	2.04	2.04	1.03	1.37
Commercial	High Efficiency Chiller (Water cooled-centrifugal, 200 tons)	Healthcare	Turnover	T_HC_High Efficie	4.89	1.06	5.10	5.10	1.09	5.10

Shared Measure Savings										
Customer Class	Measure Name	Segment	Vintage	*Measure Name	TRC AP			RIM AP		
					Summer (MW)	Winter (MW)	Energy (GWh)	Summer (MW)	Winter (MW)	Energy (GWh)
Residential	14 SEER ASHP from base electric resistance heating	Single Family	Turnover	T_SF_14 SEER AS	0.00	8.03	12.40	0.00	7.84	12.11
Residential	14 SEER ASHP from base electric resistance heating	Multi-Family	Turnover	T_MF_14 SEER AS	0.00	0.66	1.02	0.00	0.62	0.96
Residential	14 SEER ASHP from base electric resistance heating	Manufactured Home	Turnover	T_MH_14 SEER A	0.00	0.36	0.55	0.00	0.30	0.46
Residential	14 SEER ASHP from base electric resistance heating	Single Family	New	N_SF_14 SEER AS	0.00	1.88	2.89	0.00	1.83	2.83
Residential	14 SEER ASHP from base electric resistance heating	Multi-Family	New	N_MF_14 SEER A	0.00	0.15	0.24	0.00	0.15	0.23
Residential	14 SEER ASHP from base electric resistance heating	Manufactured Home	New	N_MH_14 SEER A	0.00	0.08	0.13	0.00	0.07	0.11
Residential	15 SEER Air Source Heat Pump	Single Family	Turnover	T_SF_15 SEER Air	5.88	10.58	13.61	4.61	8.57	10.71
Residential	15 SEER Air Source Heat Pump	Single Family	New	N_SF_15 SEER Ai	1.37	2.47	3.17	1.08	2.00	2.50
Residential	15 SEER Central AC	Single Family	Turnover	T_SF_15 SEER Ce	2.09	0.00	4.08	0.00	0.00	0.00
Residential	15 SEER Central AC	Single Family	New	N_SF_15 SEER Ce	0.43	0.00	0.84	0.00	0.00	0.00
Residential	16 SEER Central AC	Single Family	Turnover	T_SF_16 SEER Ce	0.00	0.00	0.00	2.90	0.00	5.68
Residential	16 SEER Central AC	Single Family	New	N_SF_16 SEER Ce	0.00	0.00	0.00	0.60	0.00	1.17
Residential	Air Sealing-Infiltration Control	Single Family	Existing	E_SF_Air Sealing-I	7.73	3.38	12.24	5.78	2.53	9.15
Residential	Air Sealing-Infiltration Control	Multi-Family	Existing	E_MF_Air Sealing-	6.37	1.13	7.14	4.83	0.86	5.41
Residential	Air Sealing-Infiltration Control	Manufactured Home	Existing	E_MH_Air Sealing-	4.15	0.79	4.40	3.38	0.64	3.58
Residential	Ceiling Insulation(R12 to R38)	Single Family	Existing	E_SF_Ceiling Insul	2.19	1.00	3.34	1.92	0.88	2.93
Residential	Ceiling Insulation(R12 to R38)	Multi-Family	Existing	E_MF_Ceiling Insu	0.70	0.32	1.09	0.57	0.26	0.89
Residential	Ceiling Insulation(R12 to R38)	Manufactured Home	Existing	E_MH_Ceiling Insu	0.28	0.23	0.51	0.23	0.19	0.41
Residential	Ceiling Insulation(R12 to R38)	Single Family	New	N_SF_Ceiling Insul	0.00	0.00	0.00	0.00	0.00	0.00
Residential	Ceiling Insulation(R12 to R38)	Multi-Family	New	N_MF_Ceiling Insu	0.00	0.00	0.00	0.00	0.00	0.00
Residential	Ceiling Insulation(R12 to R38)	Manufactured Home	New	N_MH_Ceiling Insu	0.00	0.00	0.00	0.00	0.00	0.00
Residential	Ceiling Insulation(R19 to R38)	Single Family	Existing	E_SF_Ceiling Insul	0.48	0.22	0.73	0.38	0.17	0.57
Residential	Ceiling Insulation(R19 to R38)	Single Family	New	N_SF_Ceiling Insul	0.00	0.00	0.00	0.00	0.00	0.00
Residential	Ceiling Insulation(R2 to R38)	Single Family	Existing	E_SF_Ceiling Insul	2.99	1.30	4.54	0.30	0.13	0.45
Residential	Ceiling Insulation(R2 to R38)	Multi-Family	Existing	E_MF_Ceiling Insu	0.95	0.38	1.46	0.95	0.38	1.46
Residential	Ceiling Insulation(R2 to R38)	Manufactured Home	Existing	E_MH_Ceiling Insu	0.44	0.28	0.73	0.44	0.28	0.73
Residential	Ceiling Insulation(R2 to R38)	Single Family	New	N_SF_Ceiling Insul	0.00	0.00	0.00	0.00	0.00	0.00
Residential	Ceiling Insulation(R2 to R38)	Multi-Family	New	N_MF_Ceiling Insu	0.00	0.00	0.00	0.00	0.00	0.00
Residential	Ceiling Insulation(R2 to R38)	Manufactured Home	New	N_MH_Ceiling Insu	0.00	0.00	0.00	0.00	0.00	0.00
Residential	Duct Repair	Single Family	Existing	E_SF_Duct Repair	6.36	2.78	10.07	6.29	2.75	9.96
Residential	Duct Repair	Multi-Family	Existing	E_MF_Duct Repair	10.88	1.93	12.19	9.21	1.64	10.32
Residential	Duct Repair	Manufactured Home	Existing	E_MH_Duct Repair	6.72	1.28	7.11	6.58	1.25	6.96
Residential	Energy Star Windows	Single Family	Existing	E_SF_Energy Star	3.89	1.70	7.85	3.89	1.70	7.85
Residential	Energy Star Windows	Multi-Family	Existing	E_MF_Energy Star	1.99	0.35	3.89	1.99	0.35	3.89
Residential	Energy Star Windows	Manufactured Home	Existing	E_MH_Energy Star	0.90	0.17	1.77	0.90	0.17	1.77
Residential	Home Energy Management System	Single Family	Existing	E_SF_Home Energy	0.79	0.35	1.02	0.63	0.28	0.81
Residential	Home Energy Management System	Multi-Family	Existing	E_MF_Home Energy	0.93	0.17	0.74	0.70	0.12	0.55
Residential	Home Energy Management System	Manufactured Home	Existing	E_MH_Home Energy	1.38	0.26	1.03	1.12	0.21	0.84
Residential	Home Energy Management System	Single Family	New	N_SF_Home Energy	0.11	0.04	0.14	0.08	0.04	0.11
Residential	Home Energy Management System	Multi-Family	New	N_MF_Home Energy	0.12	0.02	0.10	0.09	0.02	0.07
Residential	Home Energy Management System	Manufactured Home	New	N_MH_Home Energy	0.18	0.03	0.14	0.15	0.03	0.11
Residential	Spray Foam Insulation(Base R2)	Single Family	Existing	E_SF_Spray Foam	0.00	0.00	0.00	5.48	2.39	8.76
Residential	Spray Foam Insulation(Base R2)	Single Family	New	N_SF_Spray Foam	0.00	0.00	0.00	0.00	0.00	0.00
Residential	Wall Insulation	Single Family	Existing	E_SF_Wall Insulati	0.89	0.41	0.94	0.69	0.32	0.73
Residential	Wall Insulation	Manufactured Home	Existing	E_MH_Wall Insula	0.20	0.10	0.22	0.16	0.08	0.17
Commercial	High Efficiency Chiller (Water cooled-centrifugal, 200 tons)	Assembly	Turnover	T_AS_High Efficie	0.06	0.00	0.15	0.05	0.00	0.13
Commercial	High Efficiency Chiller (Water cooled-centrifugal, 200 tons)	College and University	Turnover	T_CU_High Efficie	0.00	0.00	0.01	0.00	0.00	0.01
Commercial	High Efficiency Chiller (Water cooled-centrifugal, 200 tons)	Grocery	Turnover	T_GR_High Efficie	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency Chiller (Water cooled-centrifugal, 200 tons)	Healthcare	Turnover	T_HC_High Efficie	0.00	0.00	0.00	0.00	0.00	0.00

Commercial	High Efficiency DX 135k- less than 240k BTU	Hospitals	Turnover	T_HS_High Efficiency	1.37	0.70	2.01	2.01	1.03	1.39
Commercial	High Efficiency DX 135k- less than 240k BTU	Healthcare	New	N_HC_High Efficiency	1.44	0.71	2.07	2.07	1.03	1.46
Commercial	High Efficiency DX 135k- less than 240k BTU	Hospitals	New	N_HS_High Efficiency	1.37	0.70	2.01	2.01	1.03	1.39
Commercial	High Efficiency PTAC	Grocery	Turnover	T_GR_High Efficiency	4.32	1.18	3.99	3.99	1.22	3.99
Commercial	High Efficiency PTAC	Institutional	Turnover	T_IN_High Efficiency	4.23	1.18	3.92	3.92	1.21	3.92
Commercial	High Efficiency PTAC	Miscellaneous	Turnover	T_MS_High Efficiency	3.80	1.03	4.02	4.02	1.06	4.02
Commercial	High Efficiency PTAC	Warehouse	Turnover	T_WR_High Efficiency	2.02	0.90	2.31	2.31	1.03	2.08
Commercial	High Efficiency PTAC	Grocery	New	N_GR_High Efficiency	4.32	1.18	3.99	3.99	1.22	3.99
Commercial	High Efficiency PTAC	Institutional	New	N_IN_High Efficiency	4.23	1.18	3.92	3.92	1.21	3.92
Commercial	High Efficiency PTAC	Miscellaneous	New	N_MS_High Efficiency	3.80	1.03	4.02	4.02	1.06	4.02
Commercial	High Efficiency PTAC	Warehouse	New	N_WR_High Efficiency	2.02	0.90	2.31	2.31	1.03	2.08
Commercial	High Efficiency PTHP	Grocery	Turnover	T_GR_High Efficiency	4.42	1.18	4.12	4.12	1.21	4.12
Commercial	High Efficiency PTHP	Institutional	Turnover	T_IN_High Efficiency	4.26	1.16	3.99	3.99	1.20	3.99
Commercial	High Efficiency PTHP	Miscellaneous	Turnover	T_MS_High Efficiency	4.35	1.17	4.07	4.07	1.21	4.07
Commercial	High Efficiency PTHP	Warehouse	Turnover	T_WR_High Efficiency	2.06	0.90	2.36	2.36	1.03	2.12
Commercial	High Efficiency PTHP	Grocery	New	N_GR_High Efficiency	4.42	1.18	4.12	4.12	1.21	4.12
Commercial	High Efficiency PTHP	Institutional	New	N_IN_High Efficiency	4.26	1.16	3.99	3.99	1.20	3.99
Commercial	High Efficiency PTHP	Miscellaneous	New	N_MS_High Efficiency	4.35	1.17	4.07	4.07	1.21	4.07
Commercial	High Efficiency PTHP	Warehouse	New	N_WR_High Efficiency	2.06	0.90	2.36	2.36	1.03	2.12
Commercial	Ceiling Insulation(R2 to R38)	Assembly	Existing	E_AS_Ceiling Ins	4.21	1.06	4.31	4.31	1.08	4.31
Commercial	Ceiling Insulation(R2 to R38)	College and University	Existing	E_CU_Ceiling Ins	4.18	1.05	4.31	4.31	1.08	4.31
Commercial	Ceiling Insulation(R2 to R38)	Grocery	Existing	E_GR_Ceiling Ins	4.32	1.08	4.31	4.31	1.11	4.31
Commercial	Ceiling Insulation(R2 to R38)	Healthcare	Existing	E_HC_Ceiling Ins	4.21	1.06	4.31	4.31	1.08	4.31
Commercial	Ceiling Insulation(R2 to R38)	Hospitals	Existing	E_HS_Ceiling Ins	4.18	1.05	4.31	4.31	1.08	4.31
Commercial	Ceiling Insulation(R2 to R38)	Institutional	Existing	E_IN_Ceiling Ins	4.21	1.06	4.31	4.31	1.08	4.31
Commercial	Ceiling Insulation(R2 to R38)	Lodging/Hospitality	Existing	E_LG_Ceiling Ins	4.18	1.05	4.31	4.31	1.08	4.31
Commercial	Ceiling Insulation(R2 to R38)	Miscellaneous	Existing	E_MS_Ceiling Ins	4.21	1.06	4.31	4.31	1.08	4.31
Commercial	Ceiling Insulation(R2 to R38)	Offices	Existing	E_OF_Ceiling Ins	4.21	1.06	4.31	4.31	1.08	4.31
Commercial	Ceiling Insulation(R2 to R38)	Restaurants	Existing	E_RS_Ceiling Ins	4.32	1.08	4.31	4.31	1.11	4.31
Commercial	Ceiling Insulation(R2 to R38)	Retail	Existing	E_RT_Ceiling Ins	4.32	1.08	4.31	4.31	1.11	4.31
Commercial	Ceiling Insulation(R2 to R38)	Schools K-12	Existing	E_SC_Ceiling Ins	4.21	1.06	4.31	4.31	1.08	4.31
Commercial	Ceiling Insulation(R2 to R38)	Assembly	New	N_AS_Ceiling Ins	4.14	1.05	4.24	4.24	1.08	4.24
Commercial	Ceiling Insulation(R2 to R38)	College and University	New	N_CU_Ceiling Ins	4.11	1.05	4.24	4.24	1.07	4.24
Commercial	Ceiling Insulation(R2 to R38)	Grocery	New	N_GR_Ceiling Ins	4.24	1.08	4.24	4.24	1.11	4.24
Commercial	Ceiling Insulation(R2 to R38)	Healthcare	New	N_HC_Ceiling Ins	4.14	1.05	4.24	4.24	1.08	4.24
Commercial	Ceiling Insulation(R2 to R38)	Hospitals	New	N_HS_Ceiling Ins	4.11	1.05	4.24	4.24	1.07	4.24
Commercial	Ceiling Insulation(R2 to R38)	Institutional	New	N_IN_Ceiling Ins	4.14	1.05	4.24	4.24	1.08	4.24
Commercial	Ceiling Insulation(R2 to R38)	Lodging/Hospitality	New	N_LG_Ceiling Ins	4.11	1.05	4.24	4.24	1.07	4.24
Commercial	Ceiling Insulation(R2 to R38)	Miscellaneous	New	N_MS_Ceiling Ins	4.14	1.05	4.24	4.24	1.08	4.24
Commercial	Ceiling Insulation(R2 to R38)	Offices	New	N_OF_Ceiling Ins	4.14	1.05	4.24	4.24	1.08	4.24
Commercial	Ceiling Insulation(R2 to R38)	Restaurants	New	N_RS_Ceiling Ins	4.24	1.08	4.24	4.24	1.11	4.24
Commercial	Ceiling Insulation(R2 to R38)	Retail	New	N_RT_Ceiling Ins	4.24	1.08	4.24	4.24	1.11	4.24
Commercial	Ceiling Insulation(R2 to R38)	Schools K-12	New	N_SC_Ceiling Ins	4.14	1.05	4.24	4.24	1.08	4.24
Commercial	Duct Sealing Repair	Assembly	Existing	E_AS_Duct Sealing	4.47	1.37	3.50	3.50	1.41	3.50
Commercial	Duct Sealing Repair	College and University	Existing	E_CU_Duct Sealing	6.45	1.51	4.79	4.79	1.56	4.79
Commercial	Duct Sealing Repair	Retail	Existing	E_RT_Duct Sealing	7.63	1.57	5.62	5.62	1.62	5.62
Commercial	Duct Sealing Repair	Schools K-12	Existing	E_SC_Duct Sealing	6.45	1.51	4.79	4.79	1.56	4.79
Commercial	Duct Sealing Repair	Warehouse	Existing	E_WR_Duct Sealing	2.29	1.06	2.22	2.22	1.09	2.22
Commercial	Duct Sealing Repair	Assembly	New	N_AS_Duct Sealing	4.47	1.37	3.50	3.50	1.41	3.50
Commercial	Duct Sealing Repair	College and University	New	N_CU_Duct Sealing	6.45	1.51	4.79	4.79	1.56	4.79
Commercial	Duct Sealing Repair	Retail	New	N_RT_Duct Sealing	7.63	1.57	5.62	5.62	1.62	5.62
Commercial	Duct Sealing Repair	Schools K-12	New	N_SC_Duct Sealing	6.45	1.51	4.79	4.79	1.56	4.79
Commercial	Duct Sealing Repair	Warehouse	New	N_WR_Duct Sealing	2.29	1.06	2.22	2.22	1.09	2.22
Commercial	Low U-Value Windows	Assembly	Existing	E_AS_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	College and University	Existing	E_CU_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	Grocery	Existing	E_GR_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	Healthcare	Existing	E_HC_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	Hospitals	Existing	E_HS_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	Institutional	Existing	E_IN_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	Lodging/Hospitality	Existing	E_LG_Low U-Value	1.60	0.77	2.13	2.13	1.02	1.63
Commercial	Low U-Value Windows	Miscellaneous	Existing	E_MS_Low U-Value	1.33	0.64	2.13	2.13	1.03	1.35
Commercial	Low U-Value Windows	Offices	Existing	E_OF_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	Restaurants	Existing	E_RS_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	Retail	Existing	E_RT_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	Schools K-12	Existing	E_SC_Low U-Value	1.41	0.68	2.13	2.13	1.03	1.43
Commercial	Low U-Value Windows	Warehouse	Existing	E_WR_Low U-Value	1.33	0.64	2.13	2.13	1.03	1.35

Commercial	High Efficiency DX 135k- less than 240k BTU	Hospitals	Turnover	T_HS_High Efficiency	0.23	0.00	0.55	0.17	0.00	0.42
Commercial	High Efficiency DX 135k- less than 240k BTU	Healthcare	New	N_HC_High Efficiency	0.02	0.00	0.06	0.11	0.00	0.27
Commercial	High Efficiency DX 135k- less than 240k BTU	Hospitals	New	N_HS_High Efficiency	0.01	0.00	0.02	0.04	0.00	0.10
Commercial	High Efficiency PTAC	Grocery	Turnover	T_GR_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency PTAC	Institutional	Turnover	T_IN_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.01
Commercial	High Efficiency PTAC	Miscellaneous	Turnover	T_MS_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency PTAC	Warehouse	Turnover	T_WR_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency PTAC	Grocery	New	N_GR_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency PTAC	Institutional	New	N_IN_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency PTAC	Miscellaneous	New	N_MS_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency PTAC	Warehouse	New	N_WR_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency PTHP	Grocery	Turnover	T_GR_High Efficiency	0.00	0.00	0.01	0.00	0.00	0.00
Commercial	High Efficiency PTHP	Institutional	Turnover	T_IN_High Efficiency	0.00	0.00	0.01	0.00	0.00	0.00
Commercial	High Efficiency PTHP	Miscellaneous	Turnover	T_MS_High Efficiency	0.02	0.00	0.04	0.02	0.00	0.04
Commercial	High Efficiency PTHP	Warehouse	Turnover	T_WR_High Efficiency	0.00	0.00	0.01	0.00	0.00	0.00
Commercial	High Efficiency PTHP	Grocery	New	N_GR_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency PTHP	Institutional	New	N_IN_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	High Efficiency PTHP	Miscellaneous	New	N_MS_High Efficiency	0.01	0.00	0.01	0.01	0.00	0.01
Commercial	High Efficiency PTHP	Warehouse	New	N_WR_High Efficiency	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Assembly	Existing	E_AS_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	College and University	Existing	E_CU_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Grocery	Existing	E_GR_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Healthcare	Existing	E_HC_Ceiling Insulation	0.04	0.01	2.19	0.04	0.01	2.19
Commercial	Ceiling Insulation(R2 to R38)	Hospitals	Existing	E_HS_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Institutional	Existing	E_IN_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Lodging/Hospitality	Existing	E_LG_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Miscellaneous	Existing	E_MS_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Offices	Existing	E_OF_Ceiling Insulation	0.03	0.08	1.55	0.03	0.08	1.55
Commercial	Ceiling Insulation(R2 to R38)	Restaurants	Existing	E_RS_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Retail	Existing	E_RT_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Schools K-12	Existing	E_SC_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Assembly	New	N_AS_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	College and University	New	N_CU_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Grocery	New	N_GR_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Healthcare	New	N_HC_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Hospitals	New	N_HS_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Institutional	New	N_IN_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Lodging/Hospitality	New	N_LG_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Miscellaneous	New	N_MS_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Offices	New	N_OF_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Restaurants	New	N_RS_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Retail	New	N_RT_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Ceiling Insulation(R2 to R38)	Schools K-12	New	N_SC_Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Duct Sealing Repair	Assembly	Existing	E_AS_Duct Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Duct Sealing Repair	College and University	Existing	E_CU_Duct Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Duct Sealing Repair	Retail	Existing	E_RT_Duct Sealing	1.57	0.14	8.15	1.57	0.14	8.15
Commercial	Duct Sealing Repair	Schools K-12	Existing	E_SC_Duct Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Duct Sealing Repair	Warehouse	Existing	E_WR_Duct Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Duct Sealing Repair	Assembly	New	N_AS_Duct Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Duct Sealing Repair	College and University	New	N_CU_Duct Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Duct Sealing Repair	Retail	New	N_RT_Duct Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Duct Sealing Repair	Schools K-12	New	N_SC_Duct Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Duct Sealing Repair	Warehouse	New	N_WR_Duct Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Low U-Value Windows	Assembly	Existing	E_AS_Low U-Value	0.06	0.00	0.17	0.05	0.00	0.13
Commercial	Low U-Value Windows	College and University	Existing	E_CU_Low U-Value	0.00	0.00	0.01	0.00	0.00	0.01
Commercial	Low U-Value Windows	Grocery	Existing	E_GR_Low U-Value	0.05	0.00	0.15	0.04		

Commercial	Programmable Thermostat	Lodging/Hospitality	Existing	E_LG_Programm	6.56	3.41	1.98	1.98	3.51	1.98
Commercial	Programmable Thermostat	Lodging/Hospitality	New	N_LG_Programm	6.56	3.41	1.98	1.98	3.51	1.98
Commercial	Smart Thermostat	Lodging/Hospitality	Existing	E_LG_Smart Ther	11.17	4.34	2.73	2.73	4.50	2.73
Commercial	Smart Thermostat	Lodging/Hospitality	New	N_LG_Smart Ther	11.17	4.34	2.73	2.73	4.50	2.73
Commercial	Thermal Energy Storage	Assembly	Existing	E_AS_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	College and University	Existing	E_CU_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Grocery	Existing	E_GR_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Healthcare	Existing	E_HC_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Hospitals	Existing	E_HS_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Institutional	Existing	E_IN_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Lodging/Hospitality	Existing	E_LG_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Miscellaneous	Existing	E_MS_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Offices	Existing	E_OF_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Restaurants	Existing	E_RS_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Retail	Existing	E_RT_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Schools K-12	Existing	E_SC_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Warehouse	Existing	E_WR_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Assembly	New	N_AS_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	College and University	New	N_CU_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Grocery	New	N_GR_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Healthcare	New	N_HC_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Hospitals	New	N_HS_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Institutional	New	N_IN_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Lodging/Hospitality	New	N_LG_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Miscellaneous	New	N_MS_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Offices	New	N_OF_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Restaurants	New	N_RS_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Retail	New	N_RT_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Schools K-12	New	N_SC_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Thermal Energy Storage	Warehouse	New	N_WR_Thermal E	2.48	2.94	9999.00	9999.00	2.92	9999.00
Commercial	Wall Insulation	Assembly	Existing	E_AS_Wall Insul	3.16	0.98	3.42	3.42	1.02	3.34
Commercial	Wall Insulation	College and University	Existing	E_CU_Wall Insul	3.06	0.96	3.35	3.35	1.02	3.22
Commercial	Wall Insulation	Grocery	Existing	E_GR_Wall Insul	3.20	1.00	3.39	3.39	1.02	3.38
Commercial	Wall Insulation	Healthcare	Existing	E_HC_Wall Insul	3.04	0.96	3.32	3.32	1.02	3.19
Commercial	Wall Insulation	Hospitals	Existing	E_HS_Wall Insul	3.10	0.97	3.39	3.39	1.02	3.27
Commercial	Wall Insulation	Institutional	Existing	E_IN_Wall Insula	3.08	0.97	3.35	3.35	1.02	3.24
Commercial	Wall Insulation	Lodging/Hospitality	Existing	E_LG_Wall Insul	3.06	0.96	3.35	3.35	1.02	3.22
Commercial	Wall Insulation	Miscellaneous	Existing	E_MS_Wall Insul	3.12	0.97	3.39	3.39	1.02	3.29
Commercial	Wall Insulation	Offices	Existing	E_OF_Wall Insul	3.12	0.97	3.39	3.39	1.02	3.29
Commercial	Wall Insulation	Restaurants	Existing	E_RS_Wall Insula	3.25	1.00	3.42	3.42	1.03	3.42
Commercial	Wall Insulation	Retail	Existing	E_RT_Wall Insul	3.20	1.00	3.39	3.39	1.02	3.38
Commercial	Wall Insulation	Schools K-12	Existing	E_SC_Wall Insula	3.21	0.98	3.46	3.46	1.02	3.39
Commercial	Demand Controlled Ventilation	Assembly	Existing	E_AS_Demand C	2.75	1.03	2.87	2.87	1.07	2.87
Commercial	Demand Controlled Ventilation	Grocery	Existing	E_GR_Demand C	1.33	0.74	1.85	1.85	1.04	1.35
Commercial	Demand Controlled Ventilation	Lodging/Hospitality	Existing	E_LG_Demand C	4.20	1.18	4.05	4.05	1.24	4.05
Commercial	Demand Controlled Ventilation	Miscellaneous	Existing	E_MS_Demand C	3.87	1.15	3.77	3.77	1.21	3.77
Commercial	Demand Controlled Ventilation	Offices	Existing	E_OF_Demand C	4.02	1.17	3.90	3.90	1.22	3.90
Commercial	Demand Controlled Ventilation	Restaurants	Existing	E_RS_Demand C	1.43	0.76	1.92	1.92	1.04	1.45
Commercial	Demand Controlled Ventilation	Retail	Existing	E_RT_Demand C	2.98	1.06	3.05	3.05	1.11	3.05
Commercial	Demand Controlled Ventilation	Warehouse	Existing	E_WR_Demand C	1.20	0.69	1.76	1.76	1.04	1.21
Commercial	Demand Controlled Ventilation	Assembly	New	N_AS_Demand C	2.75	1.03	2.87	2.87	1.07	2.87
Commercial	Demand Controlled Ventilation	Grocery	New	N_GR_Demand C	1.33	0.74	1.85	1.85	1.04	1.35
Commercial	Demand Controlled Ventilation	Lodging/Hospitality	New	N_LG_Demand C	4.20	1.18	4.05	4.05	1.24	4.05
Commercial	Demand Controlled Ventilation	Miscellaneous	New	N_MS_Demand C	3.87	1.15	3.77	3.77	1.21	3.77
Commercial	Demand Controlled Ventilation	Offices	New	N_OF_Demand C	4.02	1.17	3.90	3.90	1.22	3.90
Commercial	Demand Controlled Ventilation	Restaurants	New	N_RS_Demand C	1.43	0.76	1.92	1.92	1.04	1.45
Commercial	Demand Controlled Ventilation	Retail	New	N_RT_Demand C	2.98	1.06	3.05	3.05	1.11	3.05
Commercial	Demand Controlled Ventilation	Warehouse	New	N_WR_Demand C	1.20	0.69	1.76	1.76	1.04	1.21
Residential	Central air conditioner - Load Shed	Single Family	Existing		1.90	1.90	N/A	1.90	1.90	N/A
Residential	Central air conditioner - Load Shed	Multi Family	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Central air conditioner - Load Shed	Mobile Home/Other	Existing		1.87	1.87	N/A	1.87	1.87	N/A
Residential	Central Heating - Load Shed	Single Family	Existing		2.17	2.17	N/A	2.17	2.17	N/A
Residential	Central Heating - Load Shed	Multi Family	Existing		1.25	1.25	N/A	1.25	1.25	N/A

Commercial	Programmable Thermostat	Lodging/Hospitality	Existing	E_LG_Programm	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Programmable Thermostat	Lodging/Hospitality	New	N_LG_Programm	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Smart Thermostat	Lodging/Hospitality	Existing	E_LG_Smart Ther	-0.17	0.72	5.60	-0.17	0.72	5.60
Commercial	Smart Thermostat	Lodging/Hospitality	New	N_LG_Smart Ther	-0.02	0.09	0.69	-0.02	0.09	0.69
Commercial	Thermal Energy Storage	Assembly	Existing	E_AS_Thermal Ene	1.78	0.52	-0.28	1.78	0.52	-0.28
Commercial	Thermal Energy Storage	College and University	Existing	E_CU_Thermal Ene	0.04	0.01	-0.01	0.04	0.01	-0.01
Commercial	Thermal Energy Storage	Grocery	Existing	E_GR_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Healthcare	Existing	E_HC_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Hospitals	Existing	E_HS_Thermal Ene	2.92	0.85	-0.46	2.92	0.85	-0.46
Commercial	Thermal Energy Storage	Institutional	Existing	E_IN_Thermal Ene	0.73	0.21	-0.12	0.73	0.21	-0.12
Commercial	Thermal Energy Storage	Lodging/Hospitality	Existing	E_LG_Thermal Ene	0.58	0.17	-0.09	0.58	0.17	-0.09
Commercial	Thermal Energy Storage	Miscellaneous	Existing	E_MS_Thermal Ene	1.22	0.35	-0.19	1.22	0.35	-0.19
Commercial	Thermal Energy Storage	Offices	Existing	E_OF_Thermal Ene	1.99	0.58	-0.32	1.99	0.58	-0.32
Commercial	Thermal Energy Storage	Restaurants	Existing	E_RS_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Retail	Existing	E_RT_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Schools K-12	Existing	E_SC_Thermal Ene	0.48	0.14	-0.08	0.48	0.14	-0.08
Commercial	Thermal Energy Storage	Warehouse	Existing	E_WR_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Assembly	New	N_AS_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	College and University	New	N_CU_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Grocery	New	N_GR_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Healthcare	New	N_HC_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Hospitals	New	N_HS_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Institutional	New	N_IN_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Lodging/Hospitality	New	N_LG_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Miscellaneous	New	N_MS_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Offices	New	N_OF_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Restaurants	New	N_RS_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Retail	New	N_RT_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Schools K-12	New	N_SC_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Thermal Energy Storage	Warehouse	New	N_WR_Thermal Ene	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Wall Insulation	Assembly	Existing	E_AS_Wall Insulat	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Wall Insulation	College and University	Existing	E_CU_Wall Insulat	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Wall Insulation	Grocery	Existing	E_GR_Wall Insulat	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Wall Insulation	Healthcare	Existing	E_HC_Wall Insulat	0.00	0.00	0.08	0.00	0.00	0.08
Commercial	Wall Insulation	Hospitals	Existing	E_HS_Wall Insulat	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Wall Insulation	Institutional	Existing	E_IN_Wall Insulati	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Wall Insulation	Lodging/Hospitality	Existing	E_LG_Wall Insulat	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Wall Insulation	Miscellaneous	Existing	E_MS_Wall Insulat	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Wall Insulation	Offices	Existing	E_OF_Wall Insulat	0.01	0.00	0.56	0.01	0.00	0.54
Commercial	Wall Insulation	Restaurants	Existing	E_RS_Wall Insulat	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Wall Insulation	Retail	Existing	E_RT_Wall Insulat	0.07	0.00	0.36	0.07	0.00	0.36
Commercial	Wall Insulation	Schools K-12	Existing	E_SC_Wall Insulat	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	Demand Controlled Ventilation	Assembly	Existing	E_AS_Demand Co	0.07	0.40	0.68	0.07	0.40	0.68
Commercial	Demand Controlled Ventilation	Grocery	Existing	E_GR_Demand Co	0.07	0.38	0.65	0.05	0.31	0.53
Commercial	Demand Controlled Ventilation	Lodging/Hospitality	Existing	E_LG_Demand Co	0.50	2.81	4.79	0.50	2.81	4.79
Commercial	Demand Controlled Ventilation	Miscellaneous	Existing	E_MS_Demand Co	0.04	0.20	0.35	0.04	0.20	0.35
Commercial	Demand Controlled Ventilation	Offices	Existing	E_OF_Demand Co	0.77	4.34	7.41	0.77	4.34	7.41
Commercial	Demand Controlled Ventilation	Restaurants	Existing	E_RS_Demand Co	0.15	0.84	1.44	0.12	0.70	1.19
Commercial	Demand Controlled Ventilation	Retail	Existing	E_RT_Demand Co	0.85	4.80	8.18	0.85	4.80	8.18
Commercial	Demand Controlled Ventilation	Warehouse	Existing	E_WR_Demand Co	0.08	0.44	0.75	0.06	0.35	0.59
Commercial	Demand Controlled Ventilation	Assembly	New	N_AS_Demand Co	0.01	0.05	0.09	0.01	0.05	0.09
Commercial	Demand Controlled Ventilation	Grocery	New	N_GR_Demand Co	0.01	0.05	0.09	0.01	0.04	0.07
Commercial	Demand Controlled Ventilation	Lodging/Hospitality	New	N_LG_Demand Co	0.07	0.40	0.68	0.07	0.40	0.68
Commercial	Demand Controlled Ventilation	Miscellaneous	New	N_MS_Demand Co	0.01	0.03	0.05	0.01	0.03	0.05
Commercial	Demand Controlled Ventilation	Offices	New	N_OF_Demand Co	0.08	0.47	0.79	0.08	0.47	0.79
Commercial	Demand Controlled Ventilation	Restaurants	New	N_RS_Demand Co	0.02	0.12	0.20	0.02	0.10	0.17
Commercial	Demand Controlled Ventilation	Retail	New	N_RT_Demand Co	0.12	0.68	1.16	0.12	0.68	1.16
Commercial	Demand Controlled Ventilation	Warehouse	New	N_WR_Demand Co	0.01	0.06	0.11	0.01	0.05	0.08
Residential	Central air conditioner - Load Shed	Single Family	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Central air conditioner - Load Shed	Multi Family	Existing		18.34	0.00	0.00	18.34	0.00	0.00
Residential	Central air conditioner - Load Shed	Mobile Home/Other	Existing		7.22	0.00	0.00	7.22	0.00	0.00
Residential	Central Heating - Load Shed									

Residential	Central Heating - Load Shed	Mobile Home/Other	Existing		2.09	2.09	N/A	2.09	2.09	N/A
Residential	Central air conditioner - 50% cycling	Single Family	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Central air conditioner - 50% cycling	Multi Family	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Central air conditioner - 50% cycling	Mobile Home/Other	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Central Heating - 50% cycling	Single Family	Existing		1.05	1.05	N/A	1.05	1.05	N/A
Residential	Central Heating - 50% cycling	Multi Family	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Central Heating - 50% cycling	Mobile Home/Other	Existing		1.04	1.04	N/A	1.04	1.04	N/A
Residential	Water heater switches	Single Family	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Water heater switches	Multi Family	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Water heater switches	Mobile Home/Other	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Pool pump switches	Single Family	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Pool pump switches	Multi Family	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Pool pump switches	Mobile Home/Other	Existing		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Room AC control	Single Family	New		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Room AC control	Mobile Home/Other	New		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Smart thermostats - BYOT	Single Family	New		1.10	1.10	N/A	1.10	1.10	N/A
Residential	Smart thermostats - BYOT	Multi Family	New		1.00	1.00	N/A	1.00	1.00	N/A
Residential	Smart thermostats - BYOT	Mobile Home/Other	New		1.11	1.11	N/A	1.11	1.11	N/A
Small C&I	Central air conditioner - Load Shed	0-15,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central air conditioner - Load Shed	15,001-25,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central air conditioner - Load Shed	25,001-50,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central air conditioner - Load Shed	50,001 kWh +	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central Heating - Load Shed	0-15,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central Heating - Load Shed	15,001-25,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central Heating - Load Shed	25,001-50,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central Heating - Load Shed	50,001 kWh +	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central Heating - Load Shed	0-15,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central air conditioner - 50% cycling	0-15,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central air conditioner - 50% cycling	15,001-25,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central air conditioner - 50% cycling	25,001-50,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central air conditioner - 50% cycling	50,001 kWh +	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central Heating - 50% cycling	0-15,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central Heating - 50% cycling	15,001-25,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central Heating - 50% cycling	25,001-50,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Central Heating - 50% cycling	50,001 kWh +	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Smart thermostats - BYOT	0-15,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Smart thermostats - BYOT	15,001-25,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Smart thermostats - BYOT	25,001-50,000 kWh	New		1.00	1.00	N/A	1.00	1.00	N/A
Small C&I	Smart thermostats - BYOT	50,001 kWh +	New		1.00	1.00	N/A	1.00	1.00	N/A
Large C&I	Auto DR	0-50 kW	New		2.13	2.13	N/A	2.13	2.13	N/A
Large C&I	Auto DR	51-300 kW	New		2.13	2.13	N/A	2.13	2.13	N/A
Large C&I	Auto DR	301-500 kW	New		2.13	2.13	N/A	2.13	2.13	N/A
Large C&I	Auto DR	501 kW +	Existing		2.15	2.15	N/A	2.15	2.15	N/A
Large C&I	CPP	0-50 kW	New		1.15	1.15	N/A	1.15	1.15	N/A
Large C&I	CPP	51-300 kW	New		1.30	1.30	N/A	1.30	1.30	N/A
Large C&I	CPP	301-500 kW	New		1.00	1.00	N/A	1.00	1.00	N/A
Large C&I	CPP	501 kW +	New		1.40	1.40	N/A	1.40	1.40	N/A
Large C&I	Firm Service Level	0-50 kW	New		2.35	2.35	N/A	2.35	2.35	N/A
Large C&I	Firm Service Level	51-300 kW	New		2.35	2.35	N/A	2.35	2.35	N/A
Large C&I	Firm Service Level	301-500 kW	New		2.35	2.35	N/A	2.35	2.35	N/A
Large C&I	Firm Service Level	501 kW +	Existing		2.37	2.37	N/A	2.37	2.37	N/A
Large C&I	Guaranteed Load Drop	0-50 kW	New		2.35	2.35	N/A	2.35	2.35	N/A
Large C&I	Guaranteed Load Drop	51-300 kW	New		2.35	2.35	N/A	2.35	2.35	N/A
Large C&I	Guaranteed Load Drop	301-500 kW	New		2.35	2.35	N/A	2.35	2.35	N/A
Large C&I	Guaranteed Load Drop	501 kW +	Existing		2.37	2.37	N/A	2.37	2.37	N/A

Residential	Central Heating - Load Shed	Mobile Home/Other	Existing		0.00	8.04	0.00	0.00	8.04	0.00
Residential	Central air conditioner - 50% cycling	Single Family	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Central air conditioner - 50% cycling	Multi Family	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Central air conditioner - 50% cycling	Mobile Home/Other	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Central Heating - 50% cycling	Single Family	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Central Heating - 50% cycling	Multi Family	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Central Heating - 50% cycling	Mobile Home/Other	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Water heater switches	Single Family	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Water heater switches	Multi Family	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Water heater switches	Mobile Home/Other	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Pool pump switches	Single Family	Existing		11.69	7.54	0.00	11.69	7.54	0.00
Residential	Pool pump switches	Multi Family	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Pool pump switches	Mobile Home/Other	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Room AC control	Single Family	New		0.92	1.05	0.00	0.92	1.05	0.00
Residential	Room AC control	Mobile Home/Other	New		3.62	3.97	0.00	3.62	3.97	0.00
Residential	Smart thermostats - BYOT	Single Family	New		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Smart thermostats - BYOT	Multi Family	New		0.00	0.00	0.00	0.00	0.00	0.00
Residential	Smart thermostats - BYOT	Mobile Home/Other	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Central air conditioner - Load Shed	0-15,000 kWh	New		1.13	0.00	0.00	1.13	0.00	0.00
Small C&I	Central air conditioner - Load Shed	15,001-25,000 kWh	New		0.63	0.00	0.00	0.63	0.00	0.00
Small C&I	Central air conditioner - Load Shed	25,001-50,000 kWh	New		0.30	0.00	0.00	0.30	0.00	0.00
Small C&I	Central air conditioner - Load Shed	50,001 kWh +	New		1.29	0.00	0.00	1.29	0.00	0.00
Small C&I	Central Heating - Load Shed	0-15,000 kWh	New		0.00	6.06	0.00	0.00	6.06	0.00
Small C&I	Central Heating - Load Shed	15,001-25,000 kWh	New		0.00	1.26	0.00	0.00	1.26	0.00
Small C&I	Central Heating - Load Shed	25,001-50,000 kWh	New		0.00	0.66	0.00	0.00	0.66	0.00
Small C&I	Central Heating - Load Shed	50,001 kWh +	New		0.00	0.29	0.00	0.00	0.29	0.00
Small C&I	Central air conditioner - 50% cycling	0-15,000 kWh	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Central air conditioner - 50% cycling	15,001-25,000 kWh	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Central air conditioner - 50% cycling	25,001-50,000 kWh	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Central air conditioner - 50% cycling	50,001 kWh +	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Central Heating - 50% cycling	0-15,000 kWh	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Central Heating - 50% cycling	15,001-25,000 kWh	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Central Heating - 50% cycling	25,001-50,000 kWh	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Central Heating - 50% cycling	50,001 kWh +	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Smart thermostats - BYOT	0-15,000 kWh	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Smart thermostats - BYOT	15,001-25,000 kWh	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Smart thermostats - BYOT	25,001-50,000 kWh	New		0.00	0.00	0.00	0.00	0.00	0.00
Small C&I	Smart thermostats - BYOT	50,001 kWh +	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	Auto DR	0-50 kW	New		29.40	24.72	0.00	29.40	24.72	0.00
Large C&I	Auto DR	51-300 kW	New		41.54	31.97	0.00	41.54	31.97	0.00
Large C&I	Auto DR	301-500 kW	New		44.44	35.76	0.00	44.44	35.76	0.00
Large C&I	Auto DR	501 kW +	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	CPP	0-50 kW	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	CPP	51-300 kW	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	CPP	301-500 kW	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	CPP	501 kW +	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	Firm Service Level	0-50 kW	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	Firm Service Level	51-300 kW	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	Firm Service Level	301-500 kW	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	Firm Service Level	501 kW +	Existing		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	Guaranteed Load Drop	0-50 kW	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	Guaranteed Load Drop	51-300 kW	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	Guaranteed Load Drop	301-500 kW	New		0.00	0.00	0.00	0.00	0.00	0.00
Large C&I	Guaranteed Load Drop	501 kW +	Existing		0.00	0.00	0.00	0.00	0.00	0.00