

Program Year 2027	Utility Test	Total Resource Test	Ratepayer Impact Test	Societal Test	Participant Test
Air Conditioning Control					
Resd Cool Savings New Participants	9.83	9.83	6.75	9.83	0.00
Resd Installed Cool Savings Past Year Participants	9.83	9.83	6.75	9.83	0.00
Resd Short-Duration Controlled Rates Participants	9.83	9.83	6.75	9.83	0.00
Residential Home Lighting					
Resd Retail LED Bulbs - Per Unit	2.39	1.07	0.37	1.23	3.53
Resd Hardwired Indoor LED Retrofit Per Project	6.96	4.09	0.62	4.88	10.30
Resd Hardwired Indoor LED New Construction Per Project	3.46	1.54	0.33	1.84	6.56
Resd Hardwired Outdoor LED Retrofit Per Project	3.54	1.04	0.26	1.23	5.37
Resd Hardwired Outdoor LED New Construction Per Project	4.13	3.16	0.26	3.74	30.19
Residential Home Heating and Cooling					
Resd Energy Star AC Unit	9.21	1.03	1.55	1.21	0.74
Resd Energy Star AC Unit Quality Installation	5.04	2.44	1.56	2.86	1.69
Resd Energy Star AC Unit Tune Up	2.37	0.86	0.73	0.88	1.21
Resd Heat Pump Unit Tune Up	1.53	1.45	0.28	1.48	9.36
Resd Heat Pump Quality Installation Per Ton	2.09	4.87	0.35	5.71	21.14
Resd Pre-Heating Domestic Hot Water Per Ton	1.68	0.87	0.25	1.02	4.03
Resd Energy Recovery Ventilation - NEW	1.15	0.97	0.45	1.10	2.27
Resd Air to Water Heat Pump Per Ton	2.37	1.32	0.25	1.54	6.57
Resd Window Heat Pump Unit - NEW	4.75	0.64	0.34	0.69	2.12
Resd Packaged Terminal Per Ton - NEW	7.69	2.12	0.33	2.48	8.59
Resd Standard Air Source Heat Pump Per Ton	3.09	2.39	0.27	2.81	12.05
Resd Cold Climate Heat Pump (Ducted) Per Ton	1.99	1.58	0.27	1.86	7.40
Resd Cold Climate Heat Pump (Ductless) Per Ton	2.37	1.58	0.27	1.86	7.27
Resd Geothermal Heat Pump Per Ton	2.83	1.41	0.30	1.77	6.03
Smart Thermostat					
Resd Tier 2 Thermostat - Electric Heating	1.65	1.54	0.23	1.68	16.11
Resd Tier 2 Thermostat - Cooling Only	1.98	2.00	0.30	2.17	15.33
Resd Tier 3 Thermostat - Line Voltage - Heating Only	1.00	0.72	0.23	0.78	4.06
Resd Tier 3 Thermostat - Electric Heating	3.03	2.20	0.46	2.39	8.02
Resd Tier 3 Thermostat - Cooling Only	2.60	1.11	0.59	1.21	2.12
Drive Power					
Comm HVAC or Seasonal Fan ASD - Per Unit	27.53	2.56	0.37	2.92	6.17
Comm Process or Year-Round Fan ASD - Per Unit	31.46	4.56	0.65	5.20	6.35
Comm Totally-Enclosed Motor - Per Unit	6.06	1.00	0.59	1.14	1.51
Comm Open Drip-Proof Motor - Per Unit	4.48	1.92	0.63	2.30	2.58
Comm Electronically Commutated Fan Motor - Per Unit - NEW	20.51	18.53	0.81	22.13	20.58
Comm Electronically Commutated Circulator Motor - Per Unit	64.48	6.16	0.80	7.02	6.93
Comm Explosion-Proof Motor - Per Unit	6.66	4.52	0.60	5.40	6.47
Comm High Volume Low Speed Fan - Per Unit - NEW	57.65	4.93	0.75	5.62	5.91
Comm Hand Dryer Motor - Per Unit - NEW	2.57	1.46	0.35	1.59	3.92
Commercial Heating and Cooling					
Comm Heat Pump Quality Installation Per Ton	1.97	4.61	0.47	5.41	11.40
Comm Energy Star AC Quality Installation - Per Unit - NEW	5.02	2.43	1.44	2.85	1.47
Comm Energy Star AC Unit Tune Up - Per Ton - NEW	1.73	1.35	0.71	1.38	2.08
Comm Heat Pump Unit Tune Up - Per Ton - NEW	1.34	1.37	0.42	1.40	5.05
Comm Pre Heating Domestic Hot Water - Per Ton	2.23	1.12	0.50	1.28	2.04
Comm Energy Recovery Ventilation -Per Unit - NEW	2.40	0.96	0.73	1.09	1.16
Comm ERV - HRV - Demand Control Ventilation - Per Unit - NEW	0.38	0.17	0.21	0.19	0.71
Comm Heat Pump Water Heater - Per Ton- NEW	1.48	1.09	0.44	1.19	2.46
Comm Air to Water Heat Pump Per Ton	0.80	0.28	0.29	0.32	0.85
Comm Packaged Terminal Per Ton - NEW	5.91	1.31	0.51	1.49	2.39
Comm Smart Thermostat - Per Unit - NEW	2.68	2.02	0.39	2.30	5.63
Comm Standard Air Source Heat Pump Per Ton	1.92	1.39	0.39	1.59	3.47
Comm Cold Climate Heat Pump (Ducted) Per Ton	1.20	0.82	0.36	0.94	2.11
Comm Cold Climate Heat Pump (Ductless) Per Ton	1.46	0.82	0.38	0.94	1.99
Comm Geothermal Heat Pump Per Ton	2.70	1.30	0.51	1.63	2.15
Commercial Lighting					
Comm Exit Fixture Lighting Retro - Per Unit	14.00	5.11	0.63	5.88	7.95
Comm Hard Wired Indoor Lighting Retro - Per Project	7.99	2.31	0.61	2.55	3.66
Comm Hard Wired Outdoor Lighting Retro - Per Project	6.06	1.37	0.34	1.49	3.94
Comm Lamp Linear Lighting Retro - Per Project	11.49	5.00	0.61	5.50	8.54
Comm Screw In Lighting Indoor Retro - Per Project	6.50	5.91	0.58	6.03	21.72
Comm Screw In Lighting Outdoor Retro - Per Project	5.15	5.17	0.35	5.27	214.95
Comm Motion Sensor Lighting Retro - Per Unit	8.21	7.16	0.61	7.65	14.53
Comm Motion Sensor Lighting New Construction - Per Unit	11.58	4.13	0.63	4.54	6.62
Comm Hard Wired Indoor Lighting New Construction - Per Project	8.99	1.53	0.35	1.66	4.36
Comm Hard Wired Outdoor Lighting New Construction - Per Project	7.24	6.49	0.65	6.62	19.31
Comm Screw In Lamps Indoor Lighting New Construction - Per Project	4.35	3.62	0.32	3.69	29.74
Comm Screw In Lamps Outdoor Lighting New Construction - Per Project	9.10	5.15	0.63	5.67	8.60
Comm High Wattage New Construction 100 to 149 - Per Unit - NEW	7.48	6.07	0.62	6.67	10.60
Comm High Wattage New Construction 150 to 199 - Per Unit - NEW	10.86	5.22	0.63	5.74	8.64
Comm High Wattage New Construction 200 to 249 - Per Unit - NEW	11.27	4.31	0.63	4.74	6.92
Comm High Wattage New Construction 250 to 299 - Per Unit - NEW	11.67	5.88	0.63	6.46	9.89
Comm High Wattage New Construction 300 and Above - Per Unit - NEW	8.21	7.16	0.61	7.65	14.53

Program Year 2028	Utility Test	Total Resource Test	Ratepayer Impact Test	Societal Test	Participant Test
Air Conditioning Control					
Resd Cool Savings New Participants	10.17	10.17	6.94	10.17	0.00
Resd Installed Cool Savings Past Year Participants	10.59	10.59	7.13	10.59	0.00
Resd Short-Duration Controlled Rates Participants	10.17	10.17	6.94	10.17	0.00
Residential Home Lighting					
Resd Retail LED Bulbs - Per Unit	2.46	1.10	0.38	1.27	3.59
Resd Hardwired Indoor LED Retrofit Per Project	7.19	4.22	0.63	5.04	10.50
Resd Hardwired Indoor LED New Construction Per Project	3.57	1.59	0.33	1.90	6.69
Resd Hardwired Outdoor LED Retrofit Per Project	3.64	1.07	0.26	1.26	5.47
Resd Hardwired Outdoor LED New Construction Per Project	4.26	3.25	0.27	3.85	30.79
Residential Home Heating and Cooling					
Resd Energy Star AC Unit	9.56	1.07	1.58	1.26	0.75
Resd Energy Star AC Unit Quality Installation	5.22	2.53	1.59	2.96	1.71
Resd Energy Star AC Unit Tune Up	2.46	0.89	0.74	0.91	1.23
Resd Heat Pump Unit Tune Up	1.58	1.49	0.29	1.52	9.53
Resd Heat Pump Quality Installation Per Ton	2.16	5.03	0.36	5.89	21.51
Resd Pre-Heating Domestic Hot Water Per Ton	1.73	0.89	0.26	1.05	4.10
Resd Energy Recovery Ventilation -NEW	1.19	1.00	0.46	1.14	2.30
Resd Air to Water Heat Pump Per Ton	2.45	0.72	0.25	0.84	3.34
Resd Window Heat Pump Unit - NEW	4.90	0.66	0.34	0.72	2.16
Resd Packaged Terminal Per Ton - NEW	7.93	2.18	0.33	2.56	8.76
Resd Standard Air Source Heat Pump Per Ton	3.19	2.46	0.28	2.89	12.28
Resd Cold Climate Heat Pump (Ducted) Per Ton	2.05	1.63	0.27	1.91	7.53
Resd Cold Climate Heat Pump (Ductless) Per Ton	2.45	1.63	0.28	1.91	7.40
Resd Geothermal Heat Pump Per Ton	2.92	1.46	0.30	1.82	6.15
Smart Thermostat					
Resd Tier 2 Thermostat - Electric Heating	1.70	1.59	0.23	1.73	16.42
Resd Tier 2 Thermostat - Cooling Only	2.06	2.07	0.31	2.26	15.62
Resd Tier 3 Thermostat - Line Voltage - Heating Only	1.03	0.74	0.23	0.80	4.13
Resd Tier 3 Thermostat - Electric Heating	3.15	2.29	0.47	2.49	8.17
Resd Tier 3 Thermostat - Cooling Only	2.69	1.15	0.60	1.25	2.16
Drive Power					
Comm HVAC or Seasonal Fan ASD - Per Unit	28.35	2.64	0.38	3.01	6.30
Comm Process or Year-Round Fan ASD - Per Unit	32.47	4.70	0.65	5.37	6.47
Comm Totally-Enclosed Motor - Per Unit	6.25	1.03	0.59	1.18	1.54
Comm Open Drip-Proof Motor - Per Unit	4.63	1.99	0.64	2.37	2.63
Comm Electronically Commutated Fan Motor - Per Unit - NEW	21.18	19.14	0.82	22.85	20.97
Comm Electronically Commutated Circulator Motor - Per Unit	66.59	6.36	0.81	7.25	7.07
Comm Explosion-Proof Motor - Per Unit	6.88	4.67	0.61	5.57	6.59
Comm High Volume Low Speed Fan - Per Unit - NEW	59.53	5.09	0.76	5.81	6.03
Comm Hand Dryer Motor - Per Unit - NEW	2.65	1.51	0.35	1.65	3.99
Commercial Heating and Cooling					
Comm Heat Pump Quality Installation Per Ton	2.03	4.76	0.47	5.58	11.58
Comm Energy Star AC Quality Installation - Per Unit - NEW	5.19	2.52	1.46	2.95	1.49
Comm Energy Star AC Unit Tune Up - Per Ton - NEW	1.79	1.40	0.72	1.42	2.10
Comm Heat Pump Unit Tune Up - Per Ton - NEW	1.39	1.41	0.42	1.44	5.13
Comm Pre Heating Domestic Hot Water - Per Ton	2.30	1.16	0.51	1.32	2.08
Comm Energy Recovery Ventilation -Per Unit - NEW	2.48	0.99	0.74	1.13	1.18
Comm ERV - HRV - Demand Control Ventilation - Per Unit - NEW	0.39	0.17	0.21	0.20	0.72
Comm Heat Pump Water Heater - Per Ton- NEW	1.53	1.12	0.44	1.23	2.49
Comm Air to Water Heat Pump Per Ton	0.82	0.29	0.29	0.33	0.86
Comm Packaged Terminal Per Ton - NEW	6.10	1.35	0.52	1.54	2.44
Comm Smart Thermostat - Per Unit - NEW	2.76	2.08	0.39	2.37	5.74
Comm Standard Air Source Heat Pump Per Ton	1.97	1.44	0.40	1.64	3.53
Comm Cold Climate Heat Pump (Ducted) Per Ton	1.24	0.85	0.36	0.97	2.14
Comm Cold Climate Heat Pump (Ductless) Per Ton	1.50	0.85	0.38	0.97	2.02
Comm Geothermal Heat Pump Per Ton	2.78	1.34	0.52	1.68	2.19
Commercial Lighting					
Comm Exit Fixture Lighting Retro - Per Unit	14.45	5.27	0.63	6.07	8.11
Comm Hard Wired Indoor Lighting Retro - Per Project	8.24	2.39	0.61	2.63	3.73
Comm Hard Wired Outdoor Lighting Retro - Per Project	6.24	1.41	0.34	1.54	4.02
Comm Lamp Linear Lighting Retro - Per Project	11.86	5.16	0.62	5.68	8.70
Comm Screw In Lighting Indoor Retro - Per Project	6.71	6.10	0.59	6.22	22.14
Comm Screw In Lighting Outdoor Retro - Per Project	5.31	5.33	0.35	5.43	219.23
Comm Motion Sensor Lighting Retro - Per Unit	8.47	7.39	0.62	7.90	14.81
Comm Motion Sensor Lighting New Construction - Per Unit	11.95	4.26	0.64	4.68	6.74
Comm Hard Wired Indoor Lighting New Construction - Per Project	9.26	1.57	0.35	1.71	4.45
Comm Hard Wired Outdoor Lighting New Construction - Per Project	7.48	6.70	0.66	6.83	19.68
Comm Screw In Lamps Indoor Lighting New Construction - Per Project	4.48	3.72	0.33	3.80	30.33
Comm Screw In Lamps Outdoor Lighting New Construction - Per Project	9.40	5.32	0.63	5.85	8.77
Comm High Wattage New Construction 100 to 149 - Per Unit - NEW	7.72	6.27	0.62	6.89	10.80
Comm High Wattage New Construction 150 to 199 - Per Unit - NEW	11.21	5.39	0.64	5.93	8.80
Comm High Wattage New Construction 200 to 249 - Per Unit - NEW	11.63	4.45	0.64	4.90	7.05
Comm High Wattage New Construction 250 to 299 - Per Unit - NEW	12.05	6.07	0.64	6.67	10.08
Comm High Wattage New Construction 300 and Above - Per Unit - NEW	8.47	7.39	0.62	7.90	14.81

Program Year 2029	Utility Test	Total Resource Test	Ratepayer Impact Test	Societal Test	Participant Test
Air Conditioning Control					
Resd Cool Savings New Participants	10.48	10.48	7.10	10.48	0.00
Resd Installed Cool Savings Past Year Participants	11.33	11.33	7.48	11.33	0.00
Resd Short-Duration Controlled Rates Participants	10.48	10.48	7.10	10.48	0.00
Residential Home Lighting					
Resd Retail LED Bulbs - Per Unit	2.54	1.13	0.38	1.31	3.66
Resd Hardwired Indoor LED Retrofit Per Project	7.41	4.35	0.63	5.19	10.70
Resd Hardwired Indoor LED New Construction Per Project	3.68	1.64	0.34	1.96	6.82
Resd Hardwired Outdoor LED Retrofit Per Project	3.75	1.10	0.27	1.30	5.58
Resd Hardwired Outdoor LED New Construction Per Project	4.38	3.35	0.27	3.96	31.41
Residential Home Heating and Cooling					
Resd Energy Star AC Unit	9.84	1.10	1.60	1.30	0.76
Resd Energy Star AC Unit Quality Installation	5.38	2.60	1.62	3.05	1.74
Resd Energy Star AC Unit Tune Up	2.54	0.92	0.76	0.94	1.25
Resd Heat Pump Unit Tune Up	1.62	1.54	0.29	1.57	9.70
Resd Heat Pump Quality Installation Per Ton	2.22	5.18	0.36	6.07	21.90
Resd Pre-Heating Domestic Hot Water Per Ton	1.78	0.92	0.26	1.08	4.18
Resd Energy Recovery Ventilation -NEW	1.22	1.03	0.47	1.17	2.33
Resd Air to Water Heat Pump Per Ton	2.52	0.74	0.26	0.87	3.41
Resd Window Heat Pump Unit - NEW	5.05	0.68	0.34	0.74	2.21
Resd Packaged Terminal Per Ton - NEW	8.16	2.25	0.33	2.64	8.93
Resd Standard Air Source Heat Pump Per Ton	3.28	2.54	0.28	2.98	12.51
Resd Cold Climate Heat Pump (Ducted) Per Ton	2.11	1.68	0.28	1.97	7.67
Resd Cold Climate Heat Pump (Ductless) Per Ton	2.52	1.68	0.28	1.97	7.54
Resd Geothermal Heat Pump Per Ton	3.01	1.50	0.30	1.87	6.26
Smart Thermostat					
Resd Tier 2 Thermostat - Electric Heating	1.75	1.64	0.24	1.78	16.74
Resd Tier 2 Thermostat - Cooling Only	2.12	2.13	0.31	2.32	15.92
Resd Tier 3 Thermostat - Line Voltage - Heating Only	1.06	0.76	0.23	0.83	4.20
Resd Tier 3 Thermostat - Electric Heating	3.24	2.36	0.47	2.57	8.32
Resd Tier 3 Thermostat - Cooling Only	2.77	1.18	0.61	1.29	2.20
Drive Power					
Comm HVAC or Seasonal Fan ASD - Per Unit	29.20	2.72	0.38	3.10	6.42
Comm Process or Year-Round Fan ASD - Per Unit	33.44	4.85	0.66	5.53	6.60
Comm Totally-Enclosed Motor - Per Unit	6.44	1.06	0.60	1.21	1.56
Comm Open Drip-Proof Motor - Per Unit	4.77	2.05	0.65	2.44	2.67
Comm Electronically Commutated Fan Motor - Per Unit - NEW	21.82	19.71	0.82	23.54	21.38
Comm Electronically Commutated Circulator Motor - Per Unit	68.59	6.55	0.82	7.47	7.21
Comm Explosion-Proof Motor - Per Unit	7.08	4.81	0.62	5.74	6.71
Comm High Volume Low Speed Fan - Per Unit - NEW	61.31	5.24	0.77	5.98	6.15
Comm Hand Dryer Motor - Per Unit - NEW	2.73	1.56	0.36	1.69	4.06
Commercial Heating and Cooling					
Comm Heat Pump Quality Installation Per Ton	2.10	4.90	0.48	5.75	11.76
Comm Energy Star AC Quality Installation - Per Unit - NEW	5.35	2.59	1.49	3.04	1.51
Comm Energy Star AC Unit Tune Up - Per Ton - NEW	1.84	1.44	0.73	1.47	2.13
Comm Heat Pump Unit Tune Up - Per Ton - NEW	1.43	1.46	0.43	1.49	5.21
Comm Pre Heating Domestic Hot Water - Per Ton	2.37	1.19	0.52	1.36	2.11
Comm Energy Recovery Ventilation -Per Unit - NEW	2.56	1.02	0.76	1.16	1.19
Comm ERV - HRV - Demand Control Ventilation - Per Unit - NEW	0.40	0.18	0.21	0.20	0.73
Comm Heat Pump Water Heater - Per Ton- NEW	1.57	1.16	0.45	1.26	2.53
Comm Air to Water Heat Pump Per Ton	0.85	0.30	0.30	0.34	0.88
Comm Packaged Terminal Per Ton - NEW	6.28	1.39	0.53	1.58	2.48
Comm Smart Thermostat - Per Unit - NEW	2.84	2.14	0.40	2.44	5.84
Comm Standard Air Source Heat Pump Per Ton	2.03	1.48	0.40	1.69	3.59
Comm Cold Climate Heat Pump (Ducted) Per Ton	1.28	0.88	0.37	1.00	2.17
Comm Cold Climate Heat Pump (Ductless) Per Ton	1.55	0.88	0.39	1.00	2.06
Comm Geothermal Heat Pump Per Ton	2.86	1.38	0.52	1.73	2.23
Commercial Lighting					
Comm Exit Fixture Lighting Retro - Per Unit	14.89	5.43	0.64	6.25	8.26
Comm Hard Wired Indoor Lighting Retro - Per Project	8.49	2.46	0.62	2.71	3.80
Comm Hard Wired Outdoor Lighting Retro - Per Project	6.43	1.45	0.35	1.58	4.10
Comm Lamp Linear Lighting Retro - Per Project	12.21	5.32	0.63	5.85	8.87
Comm Screw In Lighting Indoor Retro - Per Project	6.91	6.29	0.60	6.41	22.57
Comm Screw In Lighting Outdoor Retro - Per Project	5.47	5.49	0.36	5.59	223.60
Comm Motion Sensor Lighting Retro - Per Unit	8.73	7.61	0.63	8.13	15.09
Comm Motion Sensor Lighting New Construction - Per Unit	12.31	4.39	0.65	4.82	6.87
Comm Hard Wired Indoor Lighting New Construction - Per Project	9.54	1.62	0.35	1.76	4.54
Comm Hard Wired Outdoor Lighting New Construction - Per Project	7.70	6.90	0.66	7.04	20.06
Comm Screw In Lamps Indoor Lighting New Construction - Per Project	4.61	3.84	0.33	3.91	30.92
Comm Screw In Lamps Outdoor Lighting New Construction - Per Project	9.68	5.48	0.64	6.03	8.94
Comm High Wattage New Construction 100 to 149 - Per Unit - NEW	7.95	6.46	0.63	7.10	11.01
Comm High Wattage New Construction 150 to 199 - Per Unit - NEW	11.55	5.55	0.65	6.10	8.97
Comm High Wattage New Construction 200 to 249 - Per Unit - NEW	11.98	4.59	0.65	5.04	7.18
Comm High Wattage New Construction 250 to 299 - Per Unit - NEW	12.41	6.25	0.65	6.87	10.28
Comm High Wattage New Construction 300 and Above - Per Unit - NEW	8.73	7.61	0.63	8.13	15.09