

Dominion Energy Utah
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DominionEnergy.com



Chris Parker
Utah Department of Commerce
Division of Public Utilities
SM Box 146751
Salt Lake City, UT 84114-6751

August 14, 2023

Subject: Docket No. 22-057-18 and 23-057-05

Dear Chris:

Attached please find copies of the Energy Efficiency Report for the second quarter ending June 30, 2023. This report was designed and prepared based on recommendations from the Division of Public Utilities and Dominion Energy for the purpose of providing information on the ThermWise® energy-efficiency programs and to assist the Division in monitoring and reporting the status of these programs. The report provides quarterly and year-to-date information on participants, costs, and natural gas savings for the Company's energy-efficiency programs.

If you have any questions, or if we can provide additional information, please contact me.

Sincerely,

Michael A. Orton

Michael A. Orton
Manager, Energy Efficiency

cc: Brenda Salter, DPU
Public Service Commission
Office of Consumer Services

Dominion Energy
Energy Efficiency Report - Utah Programs
As of June 30, 2023

Line #	Program	2nd Quarter 2023		Total 2023				
		Actual		Actual	Estimated	Dth	Actual	Budget
		Participants	Costs	Participants	Participants	Savings*	Costs	
1	ThermWise Appliance Rebates	2,731	\$ 1,257,034	5,596	13,413	56,483	\$ 2,244,791	\$ 5,859,850
2	ThermWise Builder Rebates	2,833	1,286,309	8,441	21,370	92,673	4,105,392	8,249,660
3	ThermWise Business Rebates	118	285,966	199	1,358	14,162	564,752	3,203,031
4	ThermWise Home Energy Plan	558	110,501	1,152	2,240	14,990	246,568	520,200
5	ThermWise Weatherization Rebates	4,571	1,957,085	9,762	30,685	36,923	3,120,881	7,691,614
6	Market Transformation	N/A	251,247	N/A	N/A	N/A	778,116	1,320,000
7	ThermWise Energy Comparison Report	140,000	144,681	140,000	280,000	179,200	283,363	550,000
8	Low Income Efficiency Program	208	50,273	408	1,522	2,417	347,932	731,119
9	DSM Accruals **	N/A	(213,616)	N/A	N/A	N/A	147,372	N/A
10	Programs Total ***	11,019	\$ 5,129,480	25,558	70,588	396,847	\$ 11,839,166	\$ 28,125,473
11	DSM Interest	N/A	(82,919)	N/A	N/A	N/A	(142,919)	N/A
12	DSM Amortization	N/A	(3,739,725)	N/A	N/A	N/A	(14,682,619)	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	2023 TOTAL	11,019	\$ 1,306,837	25,558	70,588	396,847	\$ (2,986,372)	\$ 28,125,473

*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

** Accruals made during the period are shown only for the purpose of reconciling ending account balance.

*** Total participation reflects rebates and energy plan participants. Energy Comparison Report participants are shown only for the purpose of calculating cost effectiveness.

Dominion Energy
ThermWise Appliance Rebate Program - Utah Programs
As of June 30, 2023

Line#	Program	2nd Quarter 2023		Total 2023				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	944	\$ 283,200	2,119	4,500	19,953	\$ 635,700	\$ 1,350,000
2	98% Efficient Furnace	68	23,800	145	400	1,607	50,750	140,000
3	Gas Water Heater - Tier 2	32	3,200	78	250	178	7,800	25,000
4	Condensing Gas Water Heater	1	350	2	25	14	700	8,750
5	Hybrid Gas Water Heater	-	-	3	20	21	1,050	7,000
6	Boilers Tier 1	-	-	-	10	-	-	4,000
7	Boilers Tier 2	29	17,400	62	150	1,142	37,200	90,000
8	Solar Assisted Water Heater (domestic)	-	-	-	4	-	-	3,000
9	Solar Assisted Water Heater (pool)	1	750	1	4	55	750	3,000
10	Tankless Gas Water Heater (tier 2)	406	121,800	803	1,700	6,019	240,900	510,000
11	Direct Vent Gas Fireplace	12	2,400	41	100	354	8,200	20,000
12	Smart Thermostat - Tier 1 (appliance)	196	9,800	677	1,300	4,210	33,850	65,000
13	Smart Thermostat - Tier 2 (appliance)	467	35,025	755	2,300	5,194	56,625	172,500
14	Boiler Reset Control (appliance)	1	100	1	10	4	100	1,000
15	Combined Space and Hot Water (appliance)	-	-	1	40	15	750	30,000
16	Smart Water Heater Controller (appliance)	-	-	-	30	-	-	1,500
17	Dual Fuel Heating System - Tier 1 (appliance)	507	503,400	771	200	16,037	739,200	200,000
18	Dual Fuel Heating System - Tier 2 (appliance)	44	52,800	49	1,800	1,333	58,800	2,160,000
19	Energy Recovery Ventilator (appliance)	-	-	-	40	-	-	12,000
20	HVAC Monitoring (appliance)	6	300	41	5	35	2,050	250
21	95% Efficient Furnace (existing multifamily)	2	600	28	300	197	8,400	90,000
22	98% Efficient Furnace (existing multifamily)	-	-	-	50	-	-	17,500
23	Gas Water Heater - Tier 2	-	-	-	4	-	-	400
24	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750
25	Condensing Gas Water Heater	-	-	-	75	-	-	26,250
26	Boilers Tier 1	-	-	-	1	-	-	400
27	Boilers Tier 2	1	600	1	1	13	600	600
28	Direct Vent Gas Fireplace	-	-	-	4	-	-	800
29	Smart Thermostat - Tier 1 (existing multifamily)	2	100	4	25	13	200	1,250
30	Smart Thermostat - Tier 2 (existing multifamily)	2	150	2	50	10	150	3,750
31	Dual Fuel Heating System - Tier 1 (existing multifamily)	1	450	3	4	36	1,350	2,000
32	Dual Fuel Heating System - Tier 2 (existing multifamily)	-	-	-	1	-	-	600
33	Energy Recovery Ventilator (existing multifamily)	-	-	-	1	-	-	150
34	HVAC Monitoring (existing multifamily)	-	-	-	4	-	-	200
35	Tankless Gas Water Heater (tier 2)	9	2,700	9	4	43	2,700	1,200
36	Administrative & Overheads	N/A	198,109	N/A	N/A	N/A	356,966	911,000
37	Total	2,731	\$ 1,257,034	5,596	13,413	56,483	\$ 2,244,791	\$ 5,859,850

*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

Dominion Energy
ThermWise Builder Rebates Program - Utah Programs
As of June 30, 2023

Line #	Program	2nd Quarter 2023		Total 2023				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Pay for Performance (builder)	425	\$ 375,442	1,902	6,000	49,707	\$ 1,775,815	\$ 2,700,000
2	Energy Star 3.0 Bonus (builder)	88	4,400	206	500	458	10,300	237,500
3	DOE Zero Energy Ready Bonus (builder)	18	900	41	150	124	2,050	93,750
4	95% Efficient Furnace	595	178,500	1,052	2,500	8,525	315,600	750,000
5	98% Efficient Furnace	1	350	4	500	39	1,400	175,000
6	.67 EF Storage Water Heater	13	1,300	23	250	53	2,300	25,000
7	Tankless Water Heater Tier 2	157	47,100	247	500	2,114	74,100	150,000
8	Condensing Gas Water Heater	3	1,050	5	20	35	1,750	7,000
9	Hybrid Gas Water Heater	-	-	-	1	-	-	350
10	Gas Boiler - Tier 1	-	-	1	10	7	400	4,000
11	Gas Boiler - Tier 2	14	8,400	14	30	141	8,400	18,000
12	Solar Assisted Water Heater - domestic	-	-	-	1	-	-	750
13	Solar Assisted Water Heater - pool	-	-	-	1	-	-	750
14	2X6 R-23 Walls	66	9,900	131	600	566	19,650	90,000
15	R-5 Window	4	7,191	58	30	91	9,813	25,000
16	Smart Thermostat - Tier 1 (builder)	3	150	3	400	15	150	20,000
17	Smart Thermostat - Tier 2 (builder)	29	2,175	29	500	179	2,175	37,500
18	Smart Thermostat (builder)	21	1,050	437	-	1,503	21,850	-
19	Combined Space and Hot Water (builder)	-	-	-	3	-	-	2,250
20	Smart Water Heater Controller (builder)	-	-	-	4	-	-	200
21	Dual Fuel Heating System - Tier 1 (builder)	44	40,400	47	100	1,090	42,800	100,000
22	Dual Fuel Heating System - Tier 2 (builder)	-	-	-	200	-	-	240,000
23	Energy Recovery Ventilator (builder)	-	-	3	40	25	900	12,000
24	Exterior Insulation (builder)	13	2,600	16	5	84	3,200	1,000
25	HVAC Monitoring (builder)	-	-	1	5	1	50	250
26	Pay for Performance - MF	568	328,846	1,359	3,200	13,943	883,770	1,440,000
27	Energy Star 3.0 Bonus - MF	-	-	20	400	18	500	190,000
28	DOE Zero Energy Ready Bonus - MF	-	-	-	50	-	-	28,750
29	95% Efficient Furnace - MF	441	132,300	1,497	2,800	9,102	449,100	840,000
30	98% Efficient Furnace - MF	-	-	-	300	-	-	105,000
31	.67 EF Storage Water Heater - MF	260	26,000	379	1,000	421	37,900	100,000
32	Tankless Water Heater Tier 2 - MF	69	20,700	771	1,000	4,163	231,300	300,000
33	Hybrid Gas Water Heater - MF	-	-	-	4	-	-	1,400
34	Boilers Tier 1 - MF	-	-	-	4	-	-	1,600
35	Boilers Tier 2 - MF	-	-	-	12	-	-	7,200
36	Solar Assisted Water Heater - domestic MF	-	-	-	4	-	-	3,000
37	Solar Assisted Water Heater - pool MF	-	-	-	4	-	-	3,000
38	R-5 Window	-	-	-	4	-	-	10
39	Smart Thermostat - Tier 1 (new multifamily)	1	50	1	100	3	50	5,000
40	Smart Thermostat - Tier 2 (new multifamily)	-	-	-	100	-	-	7,500
41	Smart Thermostat (new multifamily)	-	-	194	-	264	9,700	-
42	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
43	Dual Fuel Heating System - Tier 1 (new multifamily)	-	-	-	4	-	-	2,000
44	Dual Fuel Heating System - Tier 2 (new multifamily)	-	-	-	4	-	-	2,400
45	Dual Fuel Heating System (new multifamily)	-	-	-	-	-	-	-
46	Energy Recovery Ventilator (new multifamily)	-	-	-	4	-	-	600
47	Exterior Insulation (new multifamily)	-	-	-	1	-	-	150
48	HVAC Monitoring (new multifamily)	-	-	-	10	-	-	500
49	Energy Star Highrise (new multifamily)	-	-	-	-	-	-	-
50	HERS- 10% better than code (new multifamily)	-	-	-	-	-	-	-
51	Administrative & Overheads	N/A	97,505	N/A	N/A	N/A	200,369	510,000
52	Total	2,833	\$ 1,286,309	8,441	21,370	92,673	\$ 4,105,392	\$ 8,249,660

*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

Dominion Energy
ThermWise Business Rebates Program - Utah Programs
As of June 30, 2023

Line #	Program	2nd Quarter 2023		Total 2023				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Business Custom	6	\$ 28,842	10	40	6,156	\$ 56,976	\$ 560,000
2	95% Efficient Furnace	13	3,900	24	200	338	7,200	60,000
3	98% Efficient Furnace	-	-	-	25	-	-	8,750
4	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	-	10	-	-	1,000
5	Gas Storage Water Heater >75kBtu	1	200	5	100	142	1,220	60,000
6	High Efficiency Gas Water Heater - Tankless <200kBTU	4	1,592	4	25	111	1,592	10,000
7	High Efficiency Gas Water Heater - Tankless >200kBTU	-	-	-	25	-	-	25,500
8	High Efficiency Gas Water Heater - Tankless >200kBTU 90%	-	-	-	20	-	-	30,600
9	Condensing Gas Water Heater	-	-	-	4	-	-	1,400
10	Hybrid Gas Water Heater	-	-	-	5	-	-	1,750
11	Combined Space / Water Heater (business)	-	-	-	1	-	-	450
12	Commercial Clothes Washer	-	-	-	5	-	-	375
13	Boiler Reset Control	1	250	1	5	59	250	1,250
14	Boiler Tune-up Tier 1	-	-	-	25	-	-	2,500
15	Boiler Tune-up Tier 2	-	-	-	10	-	-	2,000
16	Boiler Tune-up Tier 3	-	-	-	25	-	-	7,500
17	Low Flow Pre-rinse Spray Valve	-	-	-	25	-	-	800
18	Smart Thermostat (business)	1	74	15	100	67	843	7,000
19	Direct Contact Water Heater	-	-	-	1	-	-	298
20	Direct Fired Heater	-	-	-	20	-	-	24,000
21	Boiler Hot Water < 300,000 Btu/h (business)	-	-	-	10	-	-	40,000
22	Boiler Hot Water ≥ 300,000 < 2,500,000 (business)	1	1,625	1	25	64	1,625	101,563
23	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	-	-	2	30	780	13,993	131,250
24	Boiler Hot Water ≥ 2,500,000 Btu/h (business)	-	-	-	10	-	-	97,500
25	Boiler Hot Water ≥ 2,500,000 Btu/h 95% + (business)	-	-	-	20	-	-	210,000
26	Boiler Steam <300,000 Btu/h (business)	-	-	-	1	-	-	4,140
27	Boiler Steam (Except Natural Draft) ≥ 300,000 Btu/h (business)	-	-	-	5	-	-	54,030
28	Boiler Steam (Natural Draft) ≥ 300,000 Btu/h (business)	-	-	-	10	-	-	108,060
29	Boiler O2 Trim Controls	4	1,599	4	15	90	1,599	3,750
30	Boiler Linkagless Controls	-	-	-	5	-	-	3,125
31	Gas Unit Heater NonCondensing	52	24,875	78	50	1,481	38,575	12,500
32	Gas Unit Heater Condensing	-	-	-	5	-	-	8,100
33	Green Certified New Buildings	1	15,000	1	10	1,680	15,000	50,000
34	Infrared Heating System	5	3,600	5	50	277	3,600	37,500
35	Modulating Infrared Heaters (NC or Replacing Non-IR) (business)	-	-	-	10	-	-	10,875
36	Modulating Infrared Heaters (Replacing Non-IR) (business)	-	-	-	1	-	-	290
37	Condensing RTU's (business)	-	-	-	1	-	-	1,875
38	High Efficiency Gas Combo Oven	-	-	-	35	-	-	35,000
39	High Efficiency Gas Combo Oven (Used)	-	-	-	1	-	-	500
40	Energy Star Gas Commercial Fryer	7	3,500	11	30	356	5,500	22,500
41	Energy Star Gas Commercial Fryer (Used)	-	-	-	1	-	-	375
42	High Efficiency Gas Convection Oven	-	-	-	50	-	-	37,500
43	High Efficiency Gas Convection Oven (Used)	-	-	-	1	-	-	375
44	High Efficiency Gas Griddle	-	-	-	5	-	-	1,500
45	High Efficiency Gas Griddle (Used)	-	-	-	1	-	-	150
46	Energy Star Gas Steam Cooker	-	-	-	10	-	-	10,000
47	Energy Star Gas Steam Cooker (Used)	-	-	-	1	-	-	500
48	Attic Insulation (retrofit)	15	41,534	16	25	967	42,028	28,000
49	Wall Insulation (retrofit)	-	-	-	10	-	-	12,000
50	Demand Control Ventilation Systems (DCV) Tier 2	-	-	-	10	-	-	10,000
51	Demand Control Ventilation Systems (DCV) Tier 1	1	2,000	7	100	1,066	19,600	40,000
52	Pipe Insulation (Hot Water)	-	-	-	10	-	-	750
53	Pipe Insulation (Steam)	-	-	-	5	-	-	1,000
54	High Efficiency Charbroiler	-	-	-	5	-	-	5,000
55	High Efficiency Charbroiler (Used)	-	-	-	1	-	-	500
56	Conveyor Oven	-	-	-	5	-	-	5,000
57	Conveyor Oven (Used)	-	-	-	1	-	-	500
58	Gas Dryer Moisture Sensor	-	-	-	1	-	-	25
59	Modulating Gas Dryer	-	-	-	5	-	-	375
60	Solar Assisted Water Heater- Pool- Business	-	-	-	1	-	-	750
61	Dual Fuel Heating System (business)	-	-	-	-	-	-	-
62	Dual Fuel Heating System (business)	-	-	-	10	-	-	10,000
63	Dual Fuel Heating System (business)	-	-	-	10	-	-	12,000
64	Advanced rooftop controls ≥ 5 tons and ≤ 10 tons	2	32,500	9	30	245	36,000	15,000
65	Advanced rooftop controls > 10 tons and ≤ 15 tons	3	19,500	3	30	101	19,500	19,500
66	Advanced rooftop controls > 15 tons	1	12,000	3	10	182	13,600	8,000
67	Prescriptive ERV	-	-	-	25	-	-	2,500
68	Administrative & Overheads	N/A	93,374	N/A	N/A	N/A	286,051	1,244,000
69	Total	118	\$ 285,966	199	1,358	14,162	\$ 564,752	\$ 3,203,031

*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

Dominion Energy
ThermWise Home Energy Plan - Utah Programs
As of June 30, 2023

Line #	Program	2nd Quarter 2023		Total 2023					
		Actual		Plans / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants**	Costs						
1	<i>THERMWISE HOME ENERGY PLAN</i>								
2	Efficiency Measures	558	\$ 18,446	1,152	6,244	2,240	14,990	\$ 23,387	\$ 40,200
3	Administrative & Overheads	N/A	92,055	N/A	N/A	N/A	N/A	223,181	480,000
4	Total	558	\$ 110,501	1,152	6,244	2,240	14,990	\$ 246,568	\$ 520,200

*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

**Participants, Plans Completed and Efficiency Items are based on reported numbers from the ThermWise Home Energy Experts.

Dominion Energy
ThermWise Weatherization Rebates Program - Utah Programs
As of June 30, 2023

Line #	Program	2nd Quarter 2023		Total 2023				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Attic Insulation Tier 1 - .25 per sq. ft	1,311	\$ 289,554	2,405	11,000	8,635	\$ 518,975	\$ 2,158,750
2	Attic Insulation Tier 2	528	41,850	998	6,000	1,058	73,058	197,820
3	Floor Insulation	6	714	14	185	56	2,069	14,356
4	Wall Insulation	43	11,352	86	780	356	25,182	119,340
5	R-5 Windows	153	82,024	2,523	900	3,813	170,689	337,500
6	Duct Sealing & Insulation	1	450	3	200	569	1,147	60,480
7	Air Sealing	2,357	1,270,544	3,560	11,500	21,924	1,903,848	4,020,400
8	Pipe Insulation (weatherization)	-	-	-	5	-	-	13
9	Exterior Insulation (weatherization)	-	-	1	5	6	628.92	2,400
10	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	-	-	-	40	-	-	4,600
11	Attic Insulation (multifamily) Tier 2	-	-	-	40	-	-	2,212
12	Floor Insulation (multifamily)	-	-	-	5	-	-	364
13	Wall Insulation (multifamily)	-	-	-	10	-	-	1,920
14	R-5 Windows (multifamily)	172	22,590	172	5	505	22,590	2,500
15	Exterior Insulation (multifamily)	-	-	-	5	-	-	2,400
16	Duct Sealing & Insulation (multifamily)	-	-	-	5	-	-	1,560
17	Administrative & Overheads	N/A	238,008	N/A	N/A	N/A	402,694	765,000
18	Total	4,571	\$ 1,957,085	9,762	30,685	36,923	\$ 3,120,881	\$ 7,691,614

*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

Dominion Energy
Market Transformation - Utah Programs
As of June 30, 2023

Line #	Program	2nd Quarter 2023		Total 2023			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 251,247	N/A	N/A	\$ 778,116	\$ 1,320,000

Dominion Energy
ThermWise Energy Comparison Report - Utah Programs
As of June 30, 2023

Line #	Program	2nd Quarter 2023		Total 2023				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	140,000	\$ 144,681	140,000	280,000	179,200	\$ 283,363	\$ 550,000

Dominion Energy
Low Income Efficiency Program - Utah Programs
As of June 30, 2023

Line #	Program	2nd Quarter 2023		Total 2023				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	15	\$ 4,500	47	150	553	\$ 14,100	\$ 45,000
2	98% Efficient Furnace	-	-	-	4	-	-	1,400
3	Gas Water Heater - Tier 2	7	700	13	38	51	1,300	3,800
4	Boilers Tier 1	-	-	-	-	-	-	-
5	Boilers Tier 2	1	600	3	-	76	1,800	-
6	Condensing Gas Water Heater	-	-	2	-	17	700	-
7	Hybrid Gas Water Heater (Low Income)	3	1,050	3	20	26	1,050	-
8	Attic Insulation - Tier 1	46	6,638	91	150	292	13,778	46,200
9	Attic Insulation Tier 2	18	1,217	36	90	47	2,534	6,930
10	Floor Insulation	4	521	10	20	30	872	4,260
11	Wall Insulation	20	2,928	36	80	102	5,748	23,604
12	Duct Sealing & Insulation	-	-	1	20	9	252	8,385
13	Air Sealing	60	24,983	104	200	648	43,775	60,040
14	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	-	-	-	-
15	Smart Thermostat (low income)	11	550	29	-	249	1,450	-
16	Dual Fuel Heating System (low Income)	2	1,600	2	-	52	1,600	-
17	Smart Thermostat - Tier 1 (low income)	-	-	1	50	6	50	2,500
18	Smart Thermostat - Tier 2 (low income)	21	1,575	30	100	258	2,250	5,000
19	Low Income Furnace Replacement	-	-	-	600	-	250,000	500,000
20	Administrative & Overheads	N/A	3,411	N/A	N/A	N/A	6,673	24,000
21	Total	208	\$ 50,273	408	1,522	2,417	\$ 347,932	\$ 731,119