

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

November 14, 2022

Subject: Docket No. 21-057-25 and 22-057-01

Dear Chris:

Attached please find copies of the Energy Efficiency Report for the third quarter ending September 30, 2022. This report was designed and prepared based on recommendations from the DPU and Dominion Energy for the purpose of providing information on Dominion Energy's 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 September 30, 2022

Line #	Program	3rd Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	ThermWise Appliance Rebates	3,083	\$ 1,106,249	8,291	19,339	81,477	\$ 2,913,151	\$ 6,168,350
2	ThermWise Builder Rebates	5,480	3,293,711	13,919	25,836	124,781	7,493,966	9,503,060
3	ThermWise Business Rebates	162	482,304	411	1,958	58,121	1,644,123	3,379,343
4	ThermWise Home Energy Plan	493	81,241	1,574	2,240	21,109	233,051	508,467
5	ThermWise Weatherization Rebates	6,447	2,390,675	15,767	32,385	63,874	5,208,904	8,040,274
6	Market Transformation	N/A	113,073	N/A	N/A	N/A	899,873	1,320,000
7	ThermWise Energy Comparison Report	57,000	178,010	171,000	228,000	218,880	402,679	544,000
8	Low Income Efficiency Program	281	312,005	694	1,612	3,300	650,256	749,519
9	DSM Accruals **	N/A	(862,055)	N/A	N/A	N/A	405,597	N/A
10	Programs Total ***	15,946	\$ 7,095,214	40,656	83,370	571,541	\$ 19,851,600	\$ 30,213,013
11	DSM Interest	N/A	(11,426)	N/A	N/A	N/A	(81,973)	N/A
12	DSM Amortization	N/A	(2,019,656)	N/A	N/A	N/A	(20,366,333)	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	2022 TOTAL	15,946	\$ 5,064,133	40,656	83,370	571,541	\$ (596,706)	\$ 30,213,013

*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 September 30, 2022

Line#	Program	3rd Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	1,122	\$ 336,600	3,312	8,500	31,186	\$ 993,600	\$ 2,550,000
2	98% Efficient	65	22,750	240	1,200	2,659	84,000	420,000
3	Gas Water Heater - Tier 2	58	5,800	146	800	334	14,600	80,000
4	Condensing Gas Water Heater	8	2,800	16	60	111	5,600	21,000
5	Hybrid Gas Water Heater	2	700	7	40	49	2,450	14,000
6	Boilers Tier 1	-	-	1	12	15	400	4,800
7	Boilers Tier 2	18	10,800	92	300	1,855	55,200	180,000
8	Solar Assisted Water Heater (domestic)	-	-	-	4	-	-	3,000
9	Solar Assisted Water Heater (pool)	2	1,500	5	4	276	3,750	3,000
10	Tankless Gas Water Heater (tier 2)	391	117,300	1,231	2,500	9,228	369,300	750,000
11	Direct Vent Gas Fireplace	8	1,600	54	450	467	10,800	90,000
12	Smart Thermostat (appliance)	763	38,150	1,976	4,000	13,595	98,800	200,000
13	Boiler Reset Control (appliance)	-	-	-	10	-	-	1,000
14	Combined Space and Hot Water (appliance)	1	750	9	40	137	6,750	30,000
15	Smart Water Heater Controller (appliance)	1	50	4	30	8	200	1,500
16	Dual Fuel Heating System (appliance)	494	395,200	994	1,000	20,675	795,200	800,000
17	Energy Recovery Ventilator (appliance)	-	-	-	50	-	-	15,000
18	HVAC Monitoring (appliance)	46	2,300	48	5	41	2,400	250
19	95% Efficient Furnace (existing multifamily)	50	15,000	71	200	500	21,300	60,000
20	98% Efficient Furnace (existing multifamily)	-	-	-	60	-	-	21,000
21	Gas Water Heater - Tier 2	-	-	-	4	-	-	400
22	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750
23	Condensing Gas Water Heater	47	16,450	47	-	203	16,450	-
24	Boilers Tier 1	-	-	-	1	-	-	400
25	Boilers Tier 2	-	-	-	1	-	-	600
26	Direct Vent Gas Fireplace	-	-	-	4	-	-	800
27	Smart Thermostat (existing multifamily)	-	-	26	50	83	1,300	2,500
28	Dual Fuel Heating System (existing multifamily)	-	-	-	4	-	-	1,800
29	Energy Recovery Ventilator (existing multifamily)	-	-	-	1	-	-	150
30	HVAC Monitoring (existing multifamily)	-	-	-	4	-	-	200
31	Tankless Gas Water Heater (tier 2)	7	2,100	12	4	58	3,600	1,200
32	Administrative & Overheads	N/A	136,399	N/A	N/A	N/A	427,451	915,000
33	Total	3,083	\$ 1,106,249	8,291	19,339	81,477	\$ 2,913,151	\$ 6,168,350

*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 September 30, 2022

Line #	Program	3rd Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Pay for Performance (builder)	2,063	\$ 2,003,611	4,443	9,000	65,258	\$ 4,150,961	\$ 4,050,000
2	Energy Star 3.0 Bonus (builder)	154	7,700	425	800	945	21,250	380,000
3	DOE Zero Energy Ready Bonus (builder)	34	1,700	80	40	242	4,000	25,000
4	95% Efficient Furnace	976	292,800	1,988	2,500	16,111	596,400	750,000
5	98% Efficient Furnace	2	700	2	1,000	19	700	350,000
6	.67 EF Storage Water Heater	88	8,800	157	200	359	15,700	20,000
7	Tankless Water Heater Tier 2	151	45,300	341	400	2,919	102,300	120,000
8	Condensing Gas Water Heater	-	-	16	20	111	5,600	7,000
9	Hybrid Gas Water Heater	-	-	-	1	-	-	350
10	Gas Boiler Rebates Paid - Tier 1	-	-	1	10	7	400	4,000
11	Gas Boiler Rebates Paid - Tier 2	4	2,400	18	30	232	10,800	18,000
12	Solar Assisted Water Heater - domestic	-	-	-	1	-	-	750
13	Solar Assisted Water Heater - pool	-	-	-	1	-	-	750
14	2X6 R-23 Walls	168	25,200	285	1,000	1,231	42,750	150,000
15	R-5 Window	5	4,015	66	30	76	8,138	25,000
16	Smart Thermostat (builder)	113	5,650	475	600	1,634	23,750	30,000
17	Combined Space and Hot Water (builder)	-	-	-	3	-	-	2,250
18	Smart Water Heater Controller (builder)	-	-	2	4	4	100	200
19	Dual Fuel Heating System (builder)	10	8,000	174	200	4,037	139,200	160,000
20	Energy Recovery Ventilator (builder)	-	-	1	40	8	300	12,000
21	Exterior Insulation (builder)	1	200	2	5	11	400	1,000
22	HVAC Monitoring (builder)	2	100	2	5	2	100	250
23	Pay for Performance - MF	826	568,505	2,056	2,500	15,263.84	1,230,891	1,125,000
24	Energy Star 3.0 Bonus - MF	116	2,900	293	400	265	7,325	190,000
25	DOE Zero Energy Ready Bonus - MF	-	-	-	80	-	-	46,000
26	95% Efficient Furnace - MF	617	185,100	1,918	3,000	11,661	575,400	900,000
27	98% Efficient Furnace - MF	-	-	-	300	-	-	105,000
28	.67 EF Storage Water Heater - MF	12	1,200	373	2,000	415	37,300	200,000
29	Tankless Water Heater Tier 2 - MF	138	41,400	713	800	3,850	213,900	240,000
30	Hybrid Gas Water Heater - MF	-	-	-	4	-	-	1,400
31	Boilers Tier 1 - MF	-	-	-	4	-	-	1,600
32	Boilers Tier 2 - MF	-	-	-	12	-	-	7,200
33	Solar Assisted Water Heater - domestic MF	-	-	-	4	-	-	3,000
34	Solar Assisted Water Heater - pool MF	-	-	-	4	-	-	3,000
35	R-5 Window	-	-	-	4	-	-	10
36	Smart Thermostat (new multifamily)	-	-	88	800	120	4,400	40,000
37	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
38	Dual Fuel Heating System (new multifamily)	-	-	-	4	-	-	1,800
39	Energy Recovery Ventilator (new multifamily)	-	-	-	4	-	-	600
40	Exterior Insulation (new multifamily)	-	-	-	1	-	-	150
41	HVAC Monitoring (new multifamily)	-	-	-	10	-	-	500
42	Administrative & Overheads	N/A	88,430	N/A	N/A	N/A	301,903	520,000
43	Total	5,480	\$ 3,293,711	13,919	25,836	124,781	\$ 7,493,966	\$ 9,503,060

*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 September 30, 2022

Line #	Program	3rd Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Business Custom	7	\$ 19,736	22	40	34,041	\$ 330,495	\$ 560,000
2	95% Efficient Furnace	10	3,000	56	500	788	16,800	150,000
3	98% Efficient Furnace	-	-	-	50	-	-	17,500
4	Gas Storage Water Heater - Tier 2 <75kBtu .67	1	100	2	10	5	200	1,000
5	Gas Storage Water Heater >75kBtu	8	5,393	12	100	904	7,793	60,000
6	High Efficiency Gas Water Heater - Tankless <200kBTU	3	1,194	9	25	246	3,513	10,000
7	High Efficiency Gas Water Heater - Tankless >200kBTU	4	12,000	4	25	840	12,000	25,500
8	High Efficiency Gas Water Heater - Tankless >200kBTU 90%	2	6,360	6	20	1,260	15,120	30,600
9	Condensing Gas Water Heater	-	-	-	4	-	-	1,400
10	Hybrid Gas Water Heater	-	-	1	5	8	350	1,750
11	Combined Space / Water Heater (business)	-	-	-	1	-	-	450
12	Commercial Clothes Washer	-	-	22	5	114	1,650	375
13	Boiler Reset Control	-	-	-	5	-	-	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)	-	(131)	38	350	291	3,642	24,500
19	Direct Contact Water Heater	-	-	-	1	-	-	298
20	Direct Fired Heater	-	-	1	20	122	1,102	24,000
21	Boiler Hot Water < 300,000 Btu/h (business)	1	398	1	10	21	398	40,000
22	Boiler Hot Water ≥ 300,000 < 2,500,000 (business)	2	12,994	6	50	1,088	27,619	203,125
23	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	5	13,293	13	50	3,240	58,086	218,750
24	Boiler Hot Water ≥ 2,500,000 Btu/h (business)	-	-	-	10	-	-	97,500
25	Boiler Hot Water ≥ 2,500,000 Btu/h 95% + (business)	9	120,740	9	10	5,685	120,740	105,000
26	Boiler Steam <300,000 Btu/h (business)	-	-	2	1	72	1,000	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 Trn Controls	2	300	2	15	17	300	3,750
30	Boiler Linkagless Controls	-	-	-	5	0	-	3,125
31	Gas Unit Heater NonCondensing	24	9,750	38	50	565	16,000	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	6	1,500	10	50	246	3,200	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	3	3,000	6	35	193	6,000	35,000
39	High Efficiency Gas Combo Oven (Used)	-	-	-	1	-	-	500
40	Energy Star Gas Commercial Fryer	42	21,000	69	30	2,230	34,500	22,500
41	Energy Star Gas Commercial Fryer (Used)	-	-	-	1	-	-	375
42	High Efficiency Gas Convection Oven	14	7,000	14	50	394	7,000	37,500
43	High Efficiency Gas Convection Oven (Used)	-	-	-	1	-	-	375
44	High Efficiency Gas Griddle	-	-	1	5	12	300	1,500
45	High Efficiency Gas Griddle (Used)	-	-	-	1	-	-	150
46	Energy Star Gas Steam Cooker	3	3,000	3	10	212	3,000	10,000
47	Energy Star Gas Steam Cooker (Used)	-	-	-	1	-	-	500
48	Attic Insulation (retrofit)	-	-	-	25	-	-	28,000
49	Wall Insulation (retrofit)	-	-	1	10	12	482	12,000
50	Demand Control Ventilation Systems (DCV) Tier 2	1	2,250	3	10	1,278	11,750	10,000
51	Demand Control Ventilation Systems (DCV) Tier 1	4	5,600	10	100	1,240	22,800	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	-	-	14	5	358	1,050	375
60	Solar Assisted Water Heater- Pool- Business	-	-	-	1	-	-	750
61	Dual Fuel Heating System (business)	-	-	2	10	41.6	1,600	8,000
62	Advanced rooftop controls ≥ 5 tons and ≤ 10 tons	4	2,000	26	30	707.2	13,000	15,000
63	Advanced rooftop controls > 10 tons and ≤ 15 tons	3	1,950	4	30	134.4	2,600	19,500
64	Advanced rooftop controls > 15 tons	1	2,400	1	10	60.8	2,400	8,000
65	Prescriptive ERV	2	15,552	2	25	15	15,552	2,500
66	Administrative & Overheads	N/A	196,926	N/A	N/A	N/A	887,082	1,234,000
67	Total	162	\$ 482,304	411	1,958	58,121	\$ 1,644,123	\$ 3,379,343

*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 September 30, 2022

Line #	Program	3rd Quarter 2022		Total 2022						
		Actual		Plans / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget	
Participants**	Costs									
1	<i>THERMWISE HOME ENERGY PLAN</i>									
2	Efficiency Measures	493	\$ 15,489	1,574	8,121	2,240	21,109	\$ 23,794	\$ 38,467	
3	Administrative & Overheads	N/A	65,752	N/A	N/A	N/A	N/A	209,257	470,000	
4	Total	493	\$ 81,241	1,574	8,121	2,240	21,109	\$ 233,051	\$ 508,467	

*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 September 30, 2022

Line #	Program	3rd Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Attic Insulation Tier 1 - .25 per sq. ft	2,208	\$ 487,200	4,712	11,700	16,893	\$ 1,015,441	\$ 2,296,125
2	Attic Insulation Tier 2	853	66,476	1,836	6,500	1,838	126,863	214,305
3	Floor Insulation	8	1,443	43	185	234	8,612	14,356
4	Wall Insulation	44	12,698	162	780	663	46,904	119,340
5	R-5 Windows	161	84,047	2,317	900	4,795	214,695	337,500
6	Duct Sealing & Insulation	-	-	84	200	1,181	35,110	60,480
7	Air Sealing	3,109	1,603,353	6,511	12,000	38,124	3,310,596	4,195,200
8	Pipe Insulation (weatherization)	-	-	-	5	-	-	13
9	Exterior Insulation (weatherization)	4	2,268	9	5	46	4,676	2,400
10	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	40	3,342	44	40	61	3,576	4,600
11	Attic Insulation (multifamily) Tier 2	20	936	22	40	15	1,001	2,212
12	Floor Insulation (multifamily)	-	-	-	5	-	-	364
13	Wall Insulation (multifamily)	-	-	-	10	-	-	1,920
14	R-5 Windows (multifamily)	-	-	27	5	24	1,060	2,500
15	Exterior Insulation (multifamily)	-	-	-	5	-	-	2,400
16	Duct Sealing & Insulation (multifamily)	-	-	-	5	-	-	1,560
17	Administrative & Overheads	N/A	128,912	N/A	N/A	N/A	440,369	785,000
18	Total	6,447	\$ 2,390,675	15,767	32,385	63,874	\$ 5,208,904	\$ 8,040,274

*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 September 30, 2022

Line #	Program	3rd Quarter 2022		Total 2022			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 113,073	N/A	N/A	\$ 899,873	\$ 1,320,000

Dominion Energy
ThermWise Energy Comparison Report - Utah Programs
As of September 30, 2022

Line #	Program	3rd Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	57,000	\$ 178,010	171,000	228,000	218,880	\$ 402,679	\$ 544,000

Dominion Energy
Low Income Efficiency Program - Utah Programs
As of September 30, 2022

Line #	Program	3rd Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	19	\$ 5,700	63	150	742	\$ 18,900	\$ 45,000
2	98% Efficient Furnace	-	-	1	4	14	350	1,400
3	Gas Water Heater - Tier 2	1	100	2	38	8	200	3,800
4	Boilers Tier 2	1	600	1	-	25	600	-
5	Condensing Gas Water Heater	4	1,400	6	-	52	2,100	-
6	Attic Insulation - Tier 1	84	7,383	171	200	465	21,930	61,600
7	Attic Insulation Tier 2	36	287	74	90	16	865	6,930
8	Floor Insulation	5	408	20	20	62	1,834	4,260
9	Wall Insulation	29	1,061	74	80	143	8,067	23,604
10	Duct Sealing & Insulation	-	-	-	20	-	-	8,385
11	Air Sealing	87	22,391	184	200	930	62,867	60,040
12	Smart Thermostat (low income)	15	750	98	210	843	4,900	10,500
13	Low Income Furnace Replacement	-	269,375	-	600	-	519,375	500,000
14	Administrative & Overheads	N/A	2,550	N/A	N/A	N/A	8,269	24,000
15	Total	281	\$ 312,005	694	1,612	3,300	\$ 650,256	\$ 749,519