

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

May 16, 2022

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

Dear Chris:

Attached please find copies of the Energy Efficiency Report for the first quarter ending March 31, 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 March 31, 2022

Line #	Program	1st Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	ThermWise Appliance Rebates	2,918	\$ 1,012,684	2,918	19,339	28,037	\$ 1,012,684	\$ 6,168,350
2	ThermWise Builder Rebates	5,705	3,017,260	5,705	25,836	78,797	3,017,260	9,503,060
3	ThermWise Business Rebates	149	545,901	149	1,958	11,609	545,901	3,379,343
4	ThermWise Home Energy Plan	579	74,310	579	2,240	9,818	74,310	508,467
5	ThermWise Weatherization Rebates	5,902	1,585,885	5,902	32,385	18,847	1,585,885	8,040,274
6	Market Transformation	N/A	343,295	N/A	N/A	N/A	343,295	1,320,000
7	ThermWise Energy Comparison Report	57,000	144,133	57,000	228,000	72,960	144,133	544,000
8	Low Income Efficiency Program	118	276,996	118	1,612	699	276,996	749,519
9	DSM Accruals **	N/A	1,055,585	N/A	N/A	N/A	1,055,585	N/A
10	Programs Total ***	15,371	\$ 8,056,049	15,371	83,370	220,767	\$ 8,056,049	\$ 30,213,013
11	DSM Interest	N/A	(28,939)	N/A	N/A	N/A	(28,939)	N/A
12	DSM Amortization	N/A	(13,550,378)	N/A	N/A	N/A	(13,550,378)	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	2022 TOTAL	15,371	\$ (5,523,268)	15,371	83,370	220,767	\$ (5,523,268)	\$ 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 March 31, 2022

Line#	Program	1st Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	1,257	\$ 377,100	1,257	8,500	11,836	\$ 377,100	\$ 2,550,000
2	98% Efficient	119	41,650	119	1,200	1,319	41,650	420,000
3	Gas Water Heater - Tier 2	50	5,000	50	800	114	5,000	80,000
4	Condensing Gas Water Heater	5	1,750	5	60	35	1,750	21,000
5	Hybrid Gas Water Heater	3	1,050	3	40	21	1,050	14,000
6	Boilers Tier 1	1	400	1	12	15	400	4,800
7	Boilers Tier 2	41	24,600	41	300	827	24,600	180,000
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)	445	133,500	445	2,500	3,336	133,500	750,000
11	Direct Vent Gas Fireplace	27	5,400	27	450	233	5,400	90,000
12	Smart Thermostat (appliance)	651	32,550	651	4,000	4,479	32,550	200,000
13	Boiler Reset Control (appliance)	-	-	-	10	-	-	1,000
14	Combined Space and Hot Water (appliance)	5	3,750	5	40	76	3,750	30,000
15	Smart Water Heater Controller (appliance)	3	150	3	30	6	150	1,500
16	Dual Fuel Heating System (appliance)	262	209,600	262	1,000	5,450	209,600	800,000
17	Energy Recovery Ventilator (appliance)	-	-	-	50	-	-	15,000
18	HVAC Monitoring (appliance)	-	-	-	5	-	-	250
19	95% Efficient Furnace (existing multifamily)	20	6,000	20	200	141	6,000	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	Boilers Tier 1	-	-	-	1	-	-	400
24	Boilers Tier 2	-	-	-	1	-	-	600
25	Direct Vent Gas Fireplace	-	-	-	4	-	-	800
26	Smart Thermostat (existing multifamily)	24	1,200	24	50	77	1,200	2,500
27	Dual Fuel Heating System (existing multifamily)	-	-	-	4	-	-	1,800
28	Energy Recovery Ventilator (existing multifamily)	-	-	-	1	-	-	150
29	HVAC Monitoring (existing multifamily)	-	-	-	4	-	-	200
30	Tankless Gas Water Heater (tier 2)	4	1,200	4	4	19	1,200	1,200
31	Administrative & Overheads	N/A	167,034	N/A	N/A	N/A	167,034	915,000
32	Total	2,918	\$ 1,012,684	2,918	19,339	28,037	\$ 1,012,684	\$ 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 March 31, 2022

Line #	Program	1st Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Pay for Performance (builder)	1,954	\$ 1,724,767	1,954	9,000	47,204	\$ 1,724,767	\$ 4,050,000
2	Energy Star 3.0 Bonus (builder)	71	3,550	71	800	158	3,550	380,000
3	DOE Zero Energy Ready Bonus (builder)	21	1,050	21	40	63	1,050	25,000
4	95% Efficient Furnace	612	183,600	612	2,500	4,960	183,600	750,000
5	98% Efficient Furnace	-	-	-	1,000	-	-	350,000
6	.67 EF Storage Water Heater	40	4,000	40	200	92	4,000	20,000
7	Tankless Water Heater Tier 2	133	39,900	133	400	1,138	39,900	120,000
8	Condensing Gas Water Heater	16	5,600	16	20	111	5,600	7,000
9	Hybrid Gas Water Heater	-	-	-	1	-	-	350
10	Gas Boiler Rebates Paid - Tier 1	-	-	-	10	-	-	4,000
11	Gas Boiler Rebates Paid - Tier 2	8	4,800	8	30	103	4,800	18,000
12	Solar Assisted Water Heater - domestic	-	-	-	1	-	-	750
13	Solar Assisted Water Heater - pool	-	-	-	1	-	-	750
14	2X6 R-23 Walls	89	13,350	89	1,000	384	13,350	150,000
15	R-5 Window	60	3,286	60	30	30	3,286	25,000
16	Smart Thermostat (builder)	-	-	-	-	-	-	-
17	Smart Thermostat (builder)	115	5,750	115	600	396	5,750	30,000
18	Combined Space and Hot Water (builder)	-	-	-	3	-	-	2,250
19	Smart Water Heater Controller (builder)	-	-	-	4	-	-	200
20	Dual Fuel Heating System (builder)	125	100,000	125	200	2,900	100,000	160,000
21	Energy Recovery Ventilator (builder)	1	300	1	40	8	300	12,000
22	Exterior Insulation (builder)	-	-	-	5	-	-	1,000
23	HVAC Monitoring (builder)	-	-	-	5	-	-	250
24	Pay for Performance - MF	660	372,460	660	2,500	12,902	372,460	1,125,000
25	Energy Star 3.0 Bonus - MF	109	2,725	109	400	99	2,725	190,000
26	DOE Zero Energy Ready Bonus - MF	-	-	-	80	-	-	46,000
27	95% Efficient Furnace - MF	1,051	315,300	1,051	3,000	6,390	315,300	900,000
28	98% Efficient Furnace - MF	-	-	-	300	-	-	105,000
29	.67 EF Storage Water Heater - MF	302	30,200	302	2,000	336	30,200	200,000
30	Tankless Water Heater Tier 2 - MF	263	78,900	263	800	1,420	78,900	240,000
31	Hybrid Gas Water Heater - MF	-	-	-	4	-	-	1,400
32	Boilers Tier 1 - MF	-	-	-	4	-	-	1,600
33	Boilers Tier 2 - MF	-	-	-	12	-	-	7,200
34	Solar Assisted Water Heater - domestic MF	-	-	-	4	-	-	3,000
35	Solar Assisted Water Heater - pool MF	-	-	-	4	-	-	3,000
36	R-5 Window	-	-	-	4	-	-	10
37	Smart Thermostat (new multifamily)	75	3,750	75	800	102	3,750	40,000
38	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
39	Dual Fuel Heating System (new multifamily)	-	-	-	4	-	-	1,800
40	Energy Recovery Ventilator (new multifamily)	-	-	-	4	-	-	600
41	Exterior Insulation (new multifamily)	-	-	-	1	-	-	150
42	HVAC Monitoring (new multifamily)	-	-	-	10	-	-	500
45	Administrative & Overheads	N/A	123,972	N/A	N/A	N/A	123,972	520,000
46	Total	5,705	\$ 3,017,260	5,705	25,836	78,797	\$ 3,017,260	\$ 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 March 31, 2022

Line #	Program	1st Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Business Custom	3	\$ 63,444	3	40	6,472	\$ 63,444	\$ 560,000
2	95% Efficient Furnace	19	5,700	19	500	268	5,700	150,000
3	98% Efficient Furnace	-	-	-	50	-	-	17,500
4	Gas Storage Water Heater - Tier 2 <75kBtu .67	1	100	1	10	2	100	1,000
5	Gas Storage Water Heater >75kBtu	2	800	2	100	93	800	60,000
6	High Efficiency Gas Water Heater - Tankless <200kBTU	5	1,919	5	25	134	1,919	10,000
7	High Efficiency Gas Water Heater - Tankless >200kBTU	-	-	-	25	-	-	25,500
8	High Efficiency Gas Water Heater - Tankless >200kBTU 90%	4	8,760	4	20	730	8,760	30,600
9	Condensing Gas Water Heater	-	-	-	4	-	-	1,400
10	Hybrid Gas Water Heater	1	350	1	5	8	350	1,750
11	Combined Space / Water Heater (business)	-	-	-	1	-	-	450
12	Commercial Clothes Washer	22	1,650	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)	19	1,873	19	350	150	1,873	24,500
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)	-	-	-	50	-	-	203,125
23	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	3	9,793	3	50	546	9,793	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)	-	-	-	10	-	-	105,000
26	Boiler Steam <300,000 Btu/h (business)	2	1,000	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	-	-	-	15	0	-	3,750
30	Boiler Linkagless Controls	-	-	-	5	0	-	3,125
31	Gas Unit Heater NonCondensing	-	-	-	50	-	-	12,500
32	Gas Unit Heater Condensing	-	-	-	5	-	-	8,100
33	Green Certified New Buildings	-	-	-	10	-	-	50,000
34	Infrared Heating System	4	1,700	4	50	131	1,700	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	20	10,000	20	30	646	10,000	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	1	300	1	5	12	300	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)	-	-	-	25	-	-	28,000
49	Wall Insulation (retrofit)	-	-	-	10	-	-	12,000
50	Demand Control Ventilation Systems (DCV) Tier 2	1	6,000	1	10	653	6,000	10,000
51	Demand Control Ventilation Systems (DCV) Tier 1	5	10,800	5	100	588	10,800	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	1,050	14	5	358	1,050	375
60	Solar Assisted Water Heater- Pool- Business	-	-	-	1	-	-	750
61	Dual Fuel Heating System (business)	-	-	-	10	0	-	8,000
62	Advanced rooftop controls ≥ 5 tons and ≤ 10 tons	22	11,000	22	30	598.4	11,000	15,000
63	Advanced rooftop controls > 10 tons and ≤ 15 tons	1	650	1	30	33.6	650	19,500
64	Advanced rooftop controls > 15 tons	-	-	-	10	0	-	8,000
65	Prescriptive ERV	-	-	-	25	-	-	2,500
66	Administrative & Overheads	N/A	409,013	N/A	N/A	N/A	409,013	1,234,000
67	Total	149	\$ 545,901	149	1,958	11,609	\$ 545,901	\$ 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 March 31, 2022

Line #	Program	1st 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	579	\$ 933	579	3,561	2,240	9,818	\$ 933	\$ 38,467
3	Administrative & Overheads	N/A	73,377	N/A	N/A	N/A	N/A	73,377	470,000
4	Total	579	\$ 74,310	579	3,561	2,240	9,818	\$ 74,310	\$ 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 March 31, 2022

Line #	Program	1st 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	1,301	\$ 281,452	1,301	11,700	4,696	\$ 281,452	\$ 2,296,125
2	Attic Insulation Tier 2	496	28,300	496	6,500	411	28,300	214,305
3	Floor Insulation	26	5,556	26	185	151	5,556	14,356
4	Wall Insulation	59	17,375	59	780	246	17,375	119,340
5	R-5 Windows	2,044	76,796	2,044	900	1,715	76,796	337,500
6	Duct Sealing & Insulation	15	6,362	15	200	269	6,361.50	60,480
7	Air Sealing	1,934	984,405	1,934	12,000	11,336	984,405	4,195,200
8	Pipe Insulation (weatherization)	-	-	-	5	-	-	13
9	Exterior Insulation (weatherization)	-	-	-	5	-	-	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)	27	1,060	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	184,580	N/A	N/A	N/A	184,580	785,000
18	Total	5,902	\$ 1,585,885	5,902	32,385	18,847	\$ 1,585,885	\$ 8,040,274

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

Dominion Energy
ThermWise Energy Comparison Report - Utah Programs
As of March 31, 2022

Line #	Program	1st Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	57,000	\$ 144,133	57,000	228,000	72,960	\$ 144,133	\$ 544,000

Dominion Energy
Low Income Efficiency Program - Utah Programs
As of March 31, 2022

Line #	Program	1st Quarter 2022		Total 2022				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	12	3,600	12	150	141	3,600	45,000
2	98% Efficient Furnace	1	350	1	4	14	350	1,400
3	Gas Water Heater - Tier 2	-	-	-	38	-	-	3,800
4	Attic Insulation - Tier 1	24	4,484	24	200	95	4,484	61,600
5	Attic Insulation Tier 2	9	144	9	90	3	144	6,930
6	Floor Insulation	4	629	4	20	21	629	4,260
7	Wall Insulation	11	1,703	11	80	30	1,703	23,604
8	Duct Sealing & Insulation	-	-	-	20	-	-	8,385
9	Air Sealing	32	12,140	32	200	180	12,140	60,040
10	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	-	-	-	-
11	Smart Thermostat (low income)	25	1,250	25	210	215	1,250	10,500
12	Low Income Furnace Replacement	-	250,000	-	600	-	250,000	500,000
13	Administrative & Overheads	N/A	2,696	N/A	N/A	N/A	2,696	24,000
14	Total	118	\$ 276,996	118	1,612	699	\$ 276,996	\$ 749,519

Dominion Energy
Market Transformation - Utah Programs
As of March 31, 2022

Line #	Program	1st Quarter 2022		Total 2022			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 343,295	N/A	N/A	\$ 343,295	\$ 1,320,000