

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

May 14, 2021

Subject: Docket No. 20-057-20 and 21-057-02

Dear Chris:

Attached please find copies of the Energy Efficiency Report for the first quarter ending March 31, 2021. 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, 2021

Line #	Program	1st Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	ThermWise Appliance Rebates	2,920	\$ 880,680	2,920	16,846	24,560	\$ 880,680	\$ 4,855,850
2	ThermWise Builder Rebates	2,592	1,194,894	2,592	21,625	26,160	1,194,894	7,792,260
3	ThermWise Business Rebates	205	511,727	205	2,768	10,187	511,727	3,435,818
4	ThermWise Home Energy Plan	592	80,159	592	2,240	7,076	80,159	498,467
5	ThermWise Weatherization Rebates	6,023	2,086,640	6,023	30,243	36,308	2,086,640	7,812,879
6	Market Transformation	N/A	566,537	N/A	N/A	N/A	566,537	1,320,000
7	ThermWise Energy Comparison Report	56,500	154,117	56,500	226,000	71,190	154,117	530,000
8	Low Income Efficiency Program	126	281,502	126	1,820	828	281,502	812,365
9	DSM Accruals **	N/A	2,018,830	N/A	N/A	N/A	2,018,830	N/A
10	Programs Total ***	12,458	\$ 7,775,086	12,458	75,542	176,308	\$ 7,775,086	\$ 27,057,639
11	DSM Interest	N/A	(21,063)	N/A	N/A	N/A	(21,063)	N/A
12	DSM Amortization	N/A	(10,102,571)	N/A	N/A	N/A	(10,102,571)	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	2021 TOTAL	12,458	\$ (2,348,548)	12,458	75,542	176,308	\$ (2,348,548)	\$ 27,057,639

*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, 2021

Line#	Program	1st Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	1,194	\$ 358,200	1,194	8,000	11,243	\$ 358,200	\$ 2,400,000
2	98% Efficient	143	50,050	143	900	1,584	50,050	315,000
3	Gas Water Heater - Tier 2	64	6,400	64	1,100	146	6,400	110,000
4	Condensing Gas Water Heater	8	2,800	8	80	56	2,800	28,000
5	Hybrid Gas Water Heater	2	700	2	40	14	700	14,000
6	Boilers Tier 1	2	800	2	12	30	800	4,800
7	Boilers Tier 2	62	37,200	62	150	1,250	37,200	90,000
8	Solar Assisted Water Heater (domestic)	-	-	-	4	-	-	3,000
9	Solar Assisted Water Heater (pool)	-	-	-	4	-	-	3,000
10	Tankless Gas Water Heater (tier 2)	379	113,700	379	1,500	2,841	113,700	450,000
11	Direct Vent Gas Fireplace	62	12,400	62	450	536	12,400	90,000
12	Smart Thermostat (appliance)	795	39,750	795	4,000	5,470	39,750	200,000
13	Boiler Reset Control (appliance)	-	-	-	5	-	-	500
14	Combined Space and Hot Water (appliance)	6	4,500	6	30	91	4,500	22,500
15	Smart Water Heater Controller (appliance)	4	200	4	50	8	200	2,500
16	Dual Fuel Heating System (appliance)	11	8,800	11	200	229	8,800	160,000
17	Energy Recovery Ventilator (appliance)	-	-	-	100	-	-	30,000
18	95% Efficient Furnace	61	18,300	61	150	429	18,300	45,000
19	98% Efficient Furnace with ECM	21	7,350	21	4	175	7,350	1,400
20	Gas Water Heater - Tier 2	-	-	-	4	-	-	400
21	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750
22	Condensing Gas Water Heater	105	36,750	105	-	454	36,750	-
23	Boilers Tier 1	-	-	-	1	-	-	400
24	Boilers Tier 2	-	-	-	1	-	-	600
25	Direct Vent Gas Fireplace	-	-	-	4	-	-	800
26	Smart Thermostat (existing multifamily)	-	-	-	50	-	-	2,500
27	Dual Fuel Heating System (existing multifamily)	-	-	-	4	-	-	1,800
28	Energy Recovery Ventilator (existing multifamily)	-	-	-	1	-	-	150
29	Tankless Gas Water Heater (tier 2)	1	300	1	1	5	300	300
30	Administrative & Overheads	N/A	182,480	N/A	N/A	N/A	182,480	878,450
31	Total	2,920	\$ 880,680	2,920	16,846	24,560	\$ 880,680	\$ 4,855,850

*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 March 31, 2021

Line #	Program	1st Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Pay for Performance (builder)	896	\$ 581,833	896	3,000	14,336	\$ 581,833	\$ 2,100,000
2	Energy Star 3.0 Bonus (builder)	-	-	-	800	-	-	580,000
3	DOE Zero Energy Ready Bonus (builder)	-	-	-	100	-	-	87,500
4	95% Efficient Furnace	152	45,600	152	4,200	1,232	45,600	1,260,000
5	98% Efficient Furnace with ECM NEW 2020	411	143,850	411	40	3,995	143,850	14,000
6	.67 EF Storage Water Heater	11	1,100	11	1,800	25	1,100	180,000
7	Tankless Water Heater Tier 2 NEW 2019	40	12,000	40	1,500	342	12,000	450,000
8	Condensing Gas Water Heater	-	-	-	65	-	-	22,750
9	Hybrid Gas Water Heater	-	-	-	1	-	-	350
10	Gas Boiler Rebates Paid - Tier 1 NEW 2018	-	-	-	10	-	-	4,000
11	Gas Boiler Rebates Paid - Tier 2	1	600	1	60	13	600	36,000
12	Solar Assisted Water Heater - domestic	-	-	-	1	-	-	750
13	Solar Assisted Water Heater - pool	-	-	-	1	-	-	750
14	2X6 R-23 Walls	71	10,650	71	2,000	307	10,650	300,000
15	R-5 Window	2	1,046	2	30	10	1,046	25,000
16	Smart Thermostat (builder)	127	6,350	127	600	437	6,350	30,000
17	Combined Space and Hot Water (builder)	-	-	-	3	-	-	2,250
18	Smart Water Heater Controller (builder)	-	-	-	4	-	-	200
19	Dual Fuel Heating System (builder)	-	-	-	400	-	-	320,000
20	Energy Recovery Ventilator (builder)	-	-	-	200	-	-	60,000
21	Pay for Performance - MF	404	167,615	404	1,500	3,232	167,615	600,000
22	Energy Star 3.0 Bonus - MF	-	-	-	600	-	-	255,000
23	DOE Zero Energy Ready Bonus - MF	-	-	-	30	-	-	15,750
24	95% Efficient Furnace - MF	195	58,500	195	1,500	1,186	58,500	450,000
25	98% Efficient Furnace - MF	116	40,600	116	25	844	40,600	8,750
26	.67 EF Storage Water Heater - MF	162	16,200	162	1,700	180	16,200	170,000
27	Tankless Water Heater Tier 2 - MF NEW 2019	4	1,200	4	600	22	1,200	180,000
28	Hybrid Gas Water Heater - MF	-	-	-	4	-	-	1,400
29	Boilers Tier 1 - MF	-	-	-	4	-	-	1,600
30	Boilers Tier 2 - MF	-	-	-	12	-	-	7,200
31	Solar Assisted Water Heater - domestic MF	-	-	-	4	-	-	3,000
32	Solar Assisted Water Heater - pool MF	-	-	-	4	-	-	3,000
33	R-5 Window	-	-	-	4	-	-	10
34	Smart Thermostat (new multifamily)	-	-	-	800	-	-	40,000
35	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
36	Dual Fuel Heating System (new multifamily)	-	-	-	4	-	-	1,800
37	Energy Recovery Ventilator (new multifamily)	-	-	-	4	-	-	600
38	Administrative & Overheads	N/A	107,750	N/A	N/A	N/A	107,750	569,350
39	Total	2,592	\$ 1,194,894	2,592	21,625	26,160	\$ 1,194,894	\$ 7,792,260

*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, 2021

Line #	Program	1st Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Business Custom	1	\$ 1,200	1	40	120	\$ 1,200	\$ 560,000
2	95% Efficient Furnace NEW 2020	59	17,700	59	700	556	17,700	210,000
3	98% Efficient Furnace NEW 2020	1	350	1	50	11	350	17,500
4	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	-	10	-	-	1,000
5	Gas Storage Water Heater >75kBtu	5	1,679	5	150	195	1,679	90,000
6	High Efficiency Gas Water Heater - Tankless <200KBTU	-	-	-	50	-	-	20,000
7	High Efficiency Gas Water Heater - Tankless >200KBTU	-	-	-	30	-	-	30,600
8	High Efficiency Gas Water Heater - Tankless >200KBTU	1	2,550	1	20	213	2,550	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	-	-	-	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)	76	7,506	76	350	601	7,506	24,500
19	Direct Contact Water Heater	-	-	-	1	-	-	298
20	Direct Fired Heater	-	-	-	5	-	-	6,000
21	Boiler Hot Water < 300,000 Btu/h (business)	-	-	-	10	-	-	40,000
22	Boiler Hot Water ≥ 300,000 < 2,500,000 (business)	5	50,375	5	60	1,984	50,375	243,750
23	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	7	42,861	7	15	2,390	42,861	65,625
24	Boiler Hot Water ≥ 2,500,000 Btu/h (business)	-	-	-	10	-	-	97,500
25	Boiler Hot Water ≥ 2,500,000 Btu/h 95% + (business)	3	28,000	3	5	1,318	28,000	52,500
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)	1	2,860	1	10	137	2,860	108,060
29	Gas Unit Heater NonCondensing	22	6,875	22	40	243	6,875	10,000
30	Gas Unit Heater Condensing	-	-	-	5	-	-	8,100
31	Green Certified New Buildings	-	-	-	10	-	-	50,000
32	Infrared Heating System	1	1,100	1	150	85	1,100	112,500
33	Modulating Infrared Heaters (NC or Replacing Non-IR) (business)	-	-	-	10	-	-	10,875
34	Modulating Infrared Heaters (Replacing Non-IR) (business)	-	-	-	1	-	-	290
35	Condensing RTU's (business)	-	-	-	1	-	-	1,875
36	High Efficiency Gas Combo Oven	6	6,000	6	10	193	6,000	10,000
37	High Efficiency Gas Combo Oven (Used)	-	-	-	1	-	-	500
38	Energy Star Gas Commercial Fryer	2	1,000	2	30	65	1,000	22,500
39	Energy Star Gas Commercial Fryer (Used)	-	-	-	1	-	-	375
40	High Efficiency Gas Convection Oven	4	2,000	4	25	113	2,000	18,750
41	High Efficiency Gas Convection Oven (Used)	-	-	-	1	-	-	375
42	High Efficiency Gas Griddle	-	-	-	5	-	-	1,500
43	High Efficiency Gas Griddle (Used)	-	-	-	1	-	-	150
44	Energy Star Gas Steam Cooker	-	-	-	10	-	-	10,000
45	Energy Star Gas Steam Cooker (Used)	-	-	-	1	-	-	500
46	Attic Insulation (retrofit) NEW 2018	1	2,130	1	25	49	2,130	28,000
47	Wall Insulation (retrofit)	-	-	-	10	-	-	12,000
48	Demand Control Ventilation Systems (DCV) Tier 2	1	1,000	1	10	109	1,000	10,000
49	Demand Control Ventilation Systems (DCV) Tier 1	9	33,200	9	400	1,806	33,200	160,000
50	Pipe Insulation (Hot Water)	-	-	-	10	-	-	750
51	Pipe Insulation (Steam)	-	-	-	5	-	-	1,000
52	High Efficiency Charbroiler	-	-	-	5	-	-	5,000
53	High Efficiency Charbroiler (Used)	-	-	-	1	-	-	500
54	Conveyor Oven	-	-	-	5	-	-	5,000
55	Conveyor Oven (Used)	-	-	-	1	-	-	500
56	Gas Dryer Moisture Sensor	-	-	-	1	-	-	25
57	Modulating Gas Dryer	-	-	-	5	-	-	375
58	Solar Assisted Water Heater- Pool- Business	-	-	-	1	-	-	750
59	Dual Fuel Heating System (business)	-	-	-	10	-	-	8,000
60	Advanced rooftop controls ≥ 5 tons and ≤ 10 tons	-	-	-	60	-	-	30,000
61	Advanced rooftop controls > 10 tons and ≤ 15 tons	-	-	-	30	-	-	19,500
62	Advanced rooftop controls > 15 tons	-	-	-	10	-	-	8,000
63	Prescriptive ERV	-	-	-	250	-	-	25,000
64	Administrative & Overheads	N/A	303,341	N/A	N/A	N/A	303,341	1,189,000
65	Total	205	\$ 511,727	205	2,768	10,187	\$ 511,727	\$ 3,435,818

*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, 2021

Line #	Program	1st Quarter 2021		Total 2021					
		Actual		Plans / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget
Participants**	Costs								
1	<i>THERMWISE HOME ENERGY PLAN</i>								
2	Efficiency Measures	592	\$ -	592	2,339	2,240	7,076	\$ -	\$ 38,467
3	Administrative & Overheads	N/A	80,159	N/A	N/A	N/A	N/A	80,159	460,000
4	Total	592	\$ 80,159	592	2,339	2,240	7,076	\$ 80,159	\$ 498,467

*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, 2021

Line #	Program	1st Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Attic Insulation Tier 1 - .25 per sq. ft	2,261	\$ 563,043	2,261	12,900	9,330	\$ 563,043	\$ 1,935,000
2	Attic Insulation Tier 2	623	43,365	623	5,300	628	43,365	293,090
3	Floor Insulation	17	3,263	17	185	89	3,263	14,356
4	Wall Insulation	62	20,024	62	780	283	20,024	119,340
5	R-5 Windows	136	65,531	136	1,500	1,464	65,531	693,750
6	Duct Sealing & Insulation	22	6,248	22	400	518	6,248	120,960
7	Air Sealing	1,722	866,178	1,722	9,000	9,528	866,178	3,933,000
8	Pipe Insulation (weatherization)	-	-	-	100	-	-	250
9	ICAST pilot	1,155	217,147	1,155	-	14,438	217,147	-
10	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	16	1,301	16	24	22	1,301	2,760
11	Attic Insulation (multifamily) Tier 2	8	364	8	24	5	364	1,327
12	Floor Insulation (multifamily)	-	-	-	10	-	-	364
13	Wall Insulation (multifamily)	-	-	-	10	-	-	1,020
14	R-5 Windows (multifamily)	1	170	1	5	4	170	1,150
15	Duct Sealing & Insulation (multifamily)	-	-	-	5	-	-	1,512
16	Administrative & Overheads	N/A	300,005	N/A	N/A	N/A	300,005	695,000
17	Total	6,023	\$ 2,086,640	6,023	30,243	36,308	\$ 2,086,640	\$ 7,812,879

*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, 2021

Line #	Program	1st Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	56,500	\$ 154,117	56,500	226,000	71,190	\$ 154,117	\$ 530,000

Dominion Energy
Low Income Efficiency Program - Utah Programs
As of March 31, 2021

Line #	Program	1st Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	22	\$ 6,600	22	275	259	\$ 6,600	\$ 82,500
2	98% Efficient Furnace with ECM	-	-	-	4	-	-	1,400
3	Gas Water Heater - Tier 2	1	100	1	38	4	100	3,800
4	Attic Insulation - Tier 1	23	3,752	23	210	80	3,752	64,680
5	Attic Insulation Tier 2	8	93	8	110	2	93	8,470
6	Floor Insulation	1	75	1	38	3	75	8,094
7	Wall Insulation	8	922	8	30	16	922	8,852
8	Duct Sealing & Insulation	-	-	-	40	-	-	16,769
9	Air Sealing	37	16,312	37	270	241	16,312	81,050
10	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	5	-	-	1,750
11	Smart Thermostat (low income)	26	1,300	26	200	224	1,300	10,000
12	Low Income Furnace Replacement	-	250,000	-	600	-	250,000	500,000
13	Administrative & Overheads	N/A	2,349	N/A	N/A	N/A	2,349	25,000
14	Total	126	\$ 281,502	126	1,820	828	\$ 281,502	\$ 812,365

Dominion Energy
Market Transformation - Utah Programs
As of March 31, 2021

Line #	Program	1st Quarter 2021		Total 2021			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 566,537	N/A	N/A	\$ 566,537	\$ 1,320,000