

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 13, 2021

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

Dear Chris:

Attached please find copies of the Energy Efficiency Report for the second quarter ending June 30, 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 June 30, 2021

Line #	Program	2nd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	ThermWise Appliance Rebates	3,938	\$ 1,275,954	6,858	16,846	61,719	\$ 2,156,634	\$ 4,855,850
2	ThermWise Builder Rebates	7,048	2,859,619	9,640	21,625	85,485	4,054,513	7,792,260
3	ThermWise Business Rebates	249	736,862	454	2,768	28,230	1,248,590	3,435,818
4	ThermWise Home Energy Plan	355	135,385	947	2,240	15,745	215,544	498,467
5	ThermWise Weatherization Rebates	6,699	2,443,425	12,722	30,243	74,371	4,530,064	7,812,879
6	Market Transformation	N/A	226,023	N/A	N/A	N/A	792,561	1,320,000
7	ThermWise Energy Comparison Report	113,000	20,738	113,000	226,000	142,380	174,855	530,000
8	Low Income Efficiency Program	269	302,816	395	1,820	2,543	584,318	812,365
9	DSM Accruals **	N/A	(1,794,412)	N/A	N/A	N/A	224,418	N/A
10	Programs Total ***	18,558	\$ 6,206,411	31,016	75,542	410,473	\$ 13,981,497	\$ 27,057,639
11	DSM Interest	N/A	(6,475)	N/A	N/A	N/A	(27,538)	N/A
12	DSM Amortization	N/A	(3,137,755)	N/A	N/A	N/A	(13,240,326)	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	2021 TOTAL	18,558	\$ 3,062,180	31,016	75,542	410,473	\$ 713,632	\$ 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 June 30, 2021

Line#	Program	2nd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	1,667	\$ 500,100	2,861	8,000	26,939	\$ 858,300	\$ 2,400,000
2	98% Efficient	183	64,050	326	900	3,612	114,100	315,000
3	Gas Water Heater - Tier 2	97	9,700	161	1,100	368	16,100	110,000
4	Condensing Gas Water Heater	3	1,050	11	80	76	3,850	28,000
5	Hybrid Gas Water Heater	1	350	3	40	21	1,050	14,000
6	Boilers Tier 1	2	800	4	12	60	1,600	4,800
7	Boilers Tier 2	51	30,600	113	150	2,278	67,800	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)	681	204,300	1,060	1,500	7,946	318,000	450,000
11	Direct Vent Gas Fireplace	101	20,200	163	450	1,408	32,600	90,000
12	Smart Thermostat (appliance)	840	42,000	1,635	4,000	11,249	81,750	200,000
13	Boiler Reset Control (appliance)	2	200	2	5	9	200	500
14	Combined Space and Hot Water (appliance)	7	5,250	13	30	198	9,750	22,500
15	Smart Water Heater Controller (appliance)	3	150	7	50	14	350	2,500
16	Dual Fuel Heating System (appliance)	297	237,600	308	200	6,406	246,400	160,000
17	Energy Recovery Ventilator (appliance)	2	600	2	100	17	600	30,000
18	95% Efficient Furnace	-	-	61	150	429	18,300	45,000
19	98% Efficient Furnace with ECM	-	-	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	-	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	1	5	300	300
30	Administrative & Overheads	N/A	158,254	N/A	N/A	N/A	340,734	878,450
31	Total	3,938	\$ 1,275,954	6,858	16,846	61,719	\$ 2,156,634	\$ 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 June 30, 2021

Line #	Program	2nd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Pay for Performance (builder)	2,183	\$ 1,550,913	3,079	3,000	49,264	\$ 2,132,746	\$ 2,100,000
2	Energy Star 3.0 Bonus (builder)	312	15,600	312	800	694	15,600	580,000
3	DOE Zero Energy Ready Bonus (builder)	-	-	-	100	-	-	87,500
4	95% Efficient Furnace	619	181,000	771	4,200	6,248	226,600	1,260,000
5	98% Efficient Furnace	-	-	411	40	3,995	143,850	14,000
6	.67 EF Storage Water Heater	12	1,200	23	1,800	53	2,300	180,000
7	Tankless Water Heater Tier 2	65	19,500	105	1,500	899	31,500	450,000
8	Condensing Gas Water Heater	-	-	-	65	-	-	22,750
9	Hybrid Gas Water Heater	-	-	-	1	-	-	350
10	Gas Boiler Rebates Paid - Tier 1	-	-	-	10	-	-	4,000
11	Gas Boiler Rebates Paid - Tier 2	-	-	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	102	15,300	173	2,000	747	25,950	300,000
15	R-5 Window	6	4,103	8	30	48	5,149	25,000
16	Smart Thermostat (builder)	107	5,350	234	600	805	11,700	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	562	362,202	966	1,500	7,728	529,817	600,000
22	Energy Star 3.0 Bonus - MF	120	3,000	120	600	1,068	3,000	255,000
23	DOE Zero Energy Ready Bonus - MF	26	1,300	26	30	255	1,300	15,750
24	95% Efficient Furnace - MF	1,324	402,950	1,519	1,500	9,236	461,450	450,000
25	98% Efficient Furnace - MF	-	-	116	25	844	40,600	8,750
26	.67 EF Storage Water Heater - MF	796	79,600	958	1,700	1,065	95,800	170,000
27	Tankless Water Heater Tier 2 - MF	345	103,500	349	600	1,885	104,700	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)	469	23,450	469	800	638	23,450	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	90,651	N/A	N/A	N/A	198,401	569,350
39	Total	7,048	\$ 2,859,619	9,640	21,625	85,485	\$ 4,054,513	\$ 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 June 30, 2021

Line #	Program	2nd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Business Custom	8	\$ 17,436	9	40	2,959	\$ 18,635	\$ 560,000
2	95% Efficient Furnace	41	12,600	100	700	942	30,300	210,000
3	98% Efficient Furnace	-	-	1	50	11	350	17,500
4	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	-	10	-	-	1,000
5	Gas Storage Water Heater >75kBtu	12	6,846	17	150	989	8,526	90,000
6	High Efficiency Gas Water Heater - Tankless <200KBtu	2	598	2	50	42	598	20,000
7	High Efficiency Gas Water Heater - Tankless >200KBtu	3	2,564	3	30	179	2,564	30,600
8	High Efficiency Gas Water Heater - Tankless >200KBtu	7	13,803	8	20	1,363	16,353	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	1	75	1	5	5	75	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)	64	6,334	140	350	1,107	13,840	24,500
19	Direct Contact Water Heater	-	-	-	1	-	-	298
20	Direct Fired Heater	1	659	1	5	73	659	6,000
21	Boiler Hot Water < 300,000 Btu/h (business)	-	-	-	10	-	-	40,000
22	Boiler Hot Water ≥ 300,000 < 2,500,000 (business)	12	63,515	17	60	4,486	113,890	243,750
23	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	3	36,750	10	15	4,440	79,611	65,625
24	Boiler Hot Water ≥ 2,500,000 Btu/h (business)	2	22,750	2	10	890	22,750	97,500
25	Boiler Hot Water ≥ 2,500,000 Btu/h 95% + (business)	-	-	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)	3	14,694	3	5	411	14,694	54,030
28	Boiler Steam (Natural Draft) ≥ 300,000 Btu/h (business)	-	-	1	10	137	2,860	108,060
29	Gas Unit Heater NonCondensing	-	-	22	40	243	6,875	10,000
30	Gas Unit Heater Condensing	1	1,560	1	5	35	1,560	8,100
31	Green Certified New Buildings	2	13,915	2	10	1,558	13,915	50,000
32	Infrared Heating System	2	1,850	3	150	227	2,950	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	1	1,000	7	10	226	7,000	10,000
37	High Efficiency Gas Combo Oven (Used)	-	-	-	1	-	-	500
38	Energy Star Gas Commercial Fryer	19	9,500	21	30	679	10,500	22,500
39	Energy Star Gas Commercial Fryer (Used)	-	-	-	1	-	-	375
40	High Efficiency Gas Convection Oven	8	4,000	12	25	338	6,000	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)	2	15,053	3	25	395	17,183	28,000
47	Wall Insulation (retrofit)	1	576	1	10	14	576	12,000
48	Demand Control Ventilation Systems (DCV) Tier 2	1	1,600	2	10	283	2,600	10,000
49	Demand Control Ventilation Systems (DCV) Tier 1	38	49,600	47	400	4,504	82,800	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	4	6,000	4	60	109	6,000	30,000
61	Advanced rooftop controls > 10 tons and ≤ 15 tons	3	11,050	3	30	101	11,050	19,500
62	Advanced rooftop controls > 15 tons	2	4,000	2	10	122	4,000	8,000
63	Prescriptive ERV	6	8,582	6	250	44	8,582	25,000
64	Administrative & Overheads	N/A	409,953	N/A	N/A	N/A	713,294	1,189,000
65	Total	249	\$ 736,862	454	2,768	28,230	\$ 1,248,590	\$ 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 June 30, 2021

Line #	Program	2nd 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	355	\$ 8,857	947	7,058	2,240	15,745	\$ 8,857	\$ 38,467	
3	Administrative & Overheads	N/A	126,528	N/A	N/A	N/A	N/A	206,687	460,000	
4	Total	355	\$ 135,385	947	7,058	2,240	15,745	\$ 215,544	\$ 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 June 30, 2021

Line #	Program	2nd 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	2,295	\$ 543,009	4,556	12,900	18,339	\$ 1,106,052	\$ 1,935,000
2	Attic Insulation Tier 2	742	51,278	1,365	5,300	1,371	94,643	293,090
3	Floor Insulation	16	2,863	33	185	167	6,126	14,356
4	Wall Insulation	105	32,370	167	780	740	52,394	119,340
5	R-5 Windows	165	83,482	301	1,500	3,328	149,013	693,750
6	Duct Sealing & Insulation	20	7,049	42	400	1,095	13,297	120,960
7	Air Sealing	2,663	1,407,171	4,385	9,000	25,936	2,273,349	3,933,000
8	Pipe Insulation (weatherization)	-	-	-	100	-	-	250
9	Multifamily Whole Building Retrofit	678	133,566	1,833	-	22,913	350,713	-
10	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	4	850	20	24	36	2,151	2,760
11	Attic Insulation (multifamily) Tier 2	2	238	10	24	9	602	1,327
12	Floor Insulation (multifamily)	-	-	-	10	-	-	364
13	Wall Insulation (multifamily)	8	1,696	8	10	24	1,696	1,020
14	R-5 Windows (multifamily)	1	18,318	2	5	413	18,488	1,150
15	Duct Sealing & Insulation (multifamily)	-	-	-	5	-	-	1,512
16	Administrative & Overheads	N/A	161,536	N/A	N/A	N/A	461,541	695,000
17	Total	6,699	\$ 2,443,425	12,722	30,243	74,371	\$ 4,530,064	\$ 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 June 30, 2021

Line #	Program	2nd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	113,000	\$ 20,738	113,000	226,000	142,380	\$ 174,855	\$ 530,000

Dominion Energy
Low Income Efficiency Program - Utah Programs
As of June 30, 2021

Line #	Program	2nd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	42	\$ 12,600	64	275	753	\$ 19,200	\$ 82,500
2	98% Efficient Furnace	-	-	-	4	-	-	1,400
3	Boilers Tier 2	3	1,800	3	-	76	1,800	-
4	Gas Water Heater - Tier 2	-	-	1	38	4	100	3,800
5	Water Heater - Hybrid	1	350	1	-	9	350	-
6	Attic Insulation - Tier 1	62	10,000	85	210	292	13,751	64,680
7	Attic Insulation Tier 2	26	375	34	110	9	469	8,470
8	Floor Insulation	1	73	2	38	5	148	8,094
9	Wall Insulation	25	4,088	33	30	88	5,009	8,852
10	Duct Sealing & Insulation	1	415	1	40	16	415	16,769
11	Air Sealing	40	16,392	77	270	484	32,704	81,050
12	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	5	-	-	1,750
13	Smart Thermostat (low income)	68	3,400	94	200	808	4,700	10,000
14	Low Income Furnace Replacement	-	250,000	-	600	-	500,000	500,000
15	Administrative & Overheads	N/A	3,324	N/A	N/A	N/A	5,672	25,000
16	Total	269	\$ 302,816	395	1,820	2,543	\$ 584,318	\$ 812,365

Dominion Energy
Market Transformation - Utah Programs
As of June 30, 2021

Line #	Program	2nd Quarter 2021		Total 2021			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 226,023	N/A	N/A	\$ 792,561	\$ 1,320,000