

Dominion Energy Utah
333 South State Street, Salt Lake City, UT 84145
Mailing Address:
P.O. Box 45360, Salt Lake City, UT 84145
DominionEnergy.com



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

February 12, 2021

Subject: Docket No. 19-057-26 and 21-057-02

Dear Chris:

Attached please find copies of the Energy Efficiency Report for the year ending December 31, 2020. 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.

Spending for the 2020 program year totaled \$27.1 million or 102% of the \$26.4 million Commission-approved ThermWise® budget. Actual expenditures in the Appliance, Business, Home Energy Plan, Energy Comparison Report, and Low-Income Efficiency programs were lower than budget primarily due to the impact of the COVID-19 pandemic, which resulted in lower than expected participation. The Market Transformation expenditures were also lower than expected (71% of budget) in 2020 due the impact of the COVID-19 pandemic, which resulted in the cancellation of community initiatives, trade and consumers shows, and community campaigns. The Company anticipates that the expenditures for ThermWise® programs and Market Transformation initiatives will return to a more historical level once the impacts from COVID-19 have subsided.

In December, the Company reported that expenditures for the Builder and Weatherization programs surpassed 90% of 2020 Commission approved budget. In this report, the Company provided forecasted year-end expenditures for the Builder program of \$8.1 million and \$8.6 million for the Weatherization program. The Builder program had actual expenditures of \$9.1 million which totaled 156% of the 2020 budget. The Weatherization program had expenditures of \$9.97million or 125% of the 2020 budget.

In total, rebate dollars accounted for nearly 86% of total ThermWise® spending in 2020 (77% in 2020 budget) and resulted in annual natural gas savings of 1,022,618 decatherms.

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 December 31, 2020

Line #	Program	4th Quarter 2020		Total 2020				
		Actual		Actual	Estimated	Dth	Actual	Budget
		Participants	Costs	Participants	Participants	Savings*	Costs	
1	ThermWise Appliance Rebates	3,836	\$ 1,118,650	13,969	30,587	117,134	\$ 3,943,306	\$ 6,172,929
2	ThermWise Builder Rebates	6,658	2,981,110	30,963	18,423	213,957	9,075,737	5,830,063
3	ThermWise Business Rebates	348	530,084	1,639	2,778	126,113	3,000,036	3,109,198
4	ThermWise Home Energy Plan	597	118,626	1,879	2,240	25,962	377,967	574,812
5	ThermWise Weatherization Rebates	12,461	3,148,427	36,793	31,943	207,609	9,966,225	7,982,079
6	Market Transformation	N/A	69,529	N/A	N/A	N/A	937,217	1,320,000
7	ThermWise Energy Comparison Report	66,650	112,917	266,600	266,600	322,586	554,643	570,000
8	Low Income Efficiency Program	462	78,578	926	2,505	9,257	680,568	867,270
9	DSM Accruals **	N/A	(931,287)	N/A	N/A	N/A	(1,465,072)	N/A
10	Programs Total ***	24,362	\$ 7,226,634	86,169	88,476	1,022,618	\$ 27,070,627	\$ 26,426,350
11	DSM Interest	N/A	4,328	N/A	N/A	N/A	(93,495)	N/A
12	DSM Amortization	N/A	(8,011,965)	N/A	N/A	N/A	(26,805,440)	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	TOTAL	24,362	\$ (781,004)	86,169	88,476	1,022,618	\$ 171,692	\$ 26,426,350

*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 December 31, 2020

Line#	Program	4th Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	1,839	\$ 551,850	6,366	10,000	59,942	\$ 1,982,950	\$ 3,000,000
2	98% Efficient Furnace	198	69,300	694	950	7,690	250,550	332,500
3	Gas Water Heater - Tier 2	111	11,100	428	1,000	979	42,800	100,000
4	Condensing Gas Water Heater	5	1,750	33	160	229	11,550	56,000
5	Hybrid Gas Water Heater	2	700	13	36	90	4,550	12,600
6	Boilers Tier 1	8	3,200	14	22	209	5,600	8,800
7	Boilers Tier 2	57	34,200	177	115	3,568	106,200	69,000
8	Solar Assisted Water Heater (domestic)	-	-	-	3	-	-	2,250
9	Solar Assisted Water Heater (pool)	-	-	4	3	220	3,000	2,250
10	Tankless Gas Water Heater (tier 2)	428	128,400	1,545	1,500	11,581	463,500	450,000
11	Direct Vent Gas Fireplace	60	12,000	330	1,000	2,851	66,000	200,000
12	Smart Thermostat (appliance)	1,116	55,800	4,103	15,000	28,229	205,150	750,000
13	Boiler Reset Control (appliance)	-	-	3	5	13	300	500
14	Combined Space and Hot Water (appliance)	7	5,250	32	24	486	24,000	18,000
15	Smart Water Heater Controller (appliance)	3	150	13	200	26	650	10,000
16	95% Efficient Furnace	-	-	95	500	669	28,600	150,000
17	98% Efficient Furnace	-	-	1	5	8	350	1,750
18	Gas Water Heater - Tier 2	-	-	50	5	114	5,000	500
19	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750
20	Hybrid Gas Water Heater	-	-	20	-	86	7,000	-
21	Boilers Tier 1	-	-	1	1	10	400	400
22	Boilers Tier 2	-	-	-	1	-	-	600
23	Direct Vent Gas Fireplace	-	-	-	5	-	-	1,000
24	Smart Thermostat (existing multifamily)	2	100	59	50	189	2,950	2,500
25	Tankless Gas Water Heater (tier 2)	-	-	(12)	1	(58)	(3,600)	300
26	Administrative & Overheads	N/A	244,850	N/A	N/A	N/A	735,806	1,003,229
27	Total	3,836	\$ 1,118,650	13,969	30,587	117,134	\$ 3,943,306	\$ 6,172,929

*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 December 31, 2020

Line #	Program	4th Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	HERS Index 62 or lower (builder)	8	\$ 800	759	-	3,157	\$ 75,900	\$ -
2	HERS Index 55 or lower (builder)	-	-	1,196	-	9,951	239,200	-
3	HERS Index 48 or lower (builder)	-	-	156	-	1,947	46,800	-
4	Pay for Performance (builder)	1,921	1,484,037	2,417	2,400	38,672	1,812,585	1,440,000
5	Energy Star 3.0 Bonus (builder)	16	800	648	600	1,441	32,400	390,000
6	DOE Zero Energy Ready Bonus (builder)	-	-	-	50	-	-	35,000
7	95% Efficient Furnace	2,166	682,962	8,951	4,000	72,539	2,367,787	1,200,000
8	98% Efficient Furnace with ECM	-	-	28	40	272	3,725	14,000
9	.67 EF Storage Water Heater	40	4,000	717	1,000	1,640	71,700	100,000
10	Tankless Water Heater Tier 2	82	24,600	1,101	750	9,425	330,400	225,000
11	Condensing Gas Water Heater	2	700	45	65	312	15,750	22,750
12	Hybrid Gas Water Heater	-	-	1	1	7	350	350
13	Gas Boiler Rebates Paid - Tier 1	-	-	2	10	14	800	4,000
14	Gas Boiler Rebates Paid - Tier 2	11	6,600	21	60	271	12,600	36,000
15	Solar Assisted Water Heater - domestic	-	-	-	1	-	-	750
16	Solar Assisted Water Heater - pool	-	-	-	1	-	-	750
17	2X6 R-23 Walls	430	64,455	2,504	2,000	10,817	315,353	300,000
18	R-5 Window	-	-	77	30	72	7,763	25,000
19	Smart Thermostat (builder)	120	6,000	434	600	1,493	21,700	30,000
20	Combined Space and Hot Water (builder)	-	-	2	3	29	1,500	2,250
21	Smart Water Heater Controller (builder)	-	-	1	5	2	50	250
22	HERS Index 62 or lower - MF	-	-	461	-	848	23,050	-
23	HERS Index 55 or lower - MF	190	19,000	1,393	-	5,126	139,300	-
24	HERS Index 48 or lower - MF	-	-	780	-	4,306	117,000	-
25	Pay for Performance - MF	-	-	977	1,500	7,816	800,073	450,000
26	Energy Star 3.0 Bonus - MF	226	5,650	830	600	7,390	20,750	195,000
27	DOE Zero Energy Ready Bonus - MF	-	-	-	30	-	-	10,500
28	95% Efficient Furnace - MF	1,017	340,950	4,358	1,500	26,497	1,386,650	450,000
29	98% Efficient Furnace - MF	-	-	-	25	-	-	8,750
30	.67 EF Storage Water Heater - MF	115	11,500	975	1,700	1,084	97,500	170,000
31	Tankless Water Heater Tier 2 - MF	247	74,100	768	600	4,147	230,400	180,000
32	Condensing Gas Water Heater - MF	-	-	953	-	4,117	333,550	-
33	Hybrid Gas Water Heater - MF	15	5,250	30	5	130	10,500	1,750
34	Boilers Tier 1 - MF	-	-	-	5	-	-	2,000
35	Boilers Tier 2 - MF	1	600	1	12	13	600	7,200
36	Solar Assisted Water Heater - domestic MF	-	-	-	5	-	-	3,750
37	Solar Assisted Water Heater - pool MF	-	-	-	5	-	-	3,750
38	R-5 Window	-	-	-	5	-	-	13
39	Smart Thermostat (new multifamily)	49	2,450	176	800	239	8,800	40,000
40	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
41	Energy Star Highrise (new multifamily)	2	50	201	-	182	5,025	-
42	Administrative & Overheads	N/A	246,607	N/A	N/A	N/A	546,176	470,000
43	Total	6,658	\$ 2,981,110	30,963	18,423	213,957	\$ 9,075,737	\$ 5,830,063

*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 December 31, 2020

Line #	Program	4th Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Business Custom	13	\$ 74,691	52	20	35,675.54	\$ 226,059	\$ 280,000
2	95% Efficient Furnace	65	19,500	490	700	4,614	149,500	210,000
3	98% Efficient Furnace	-	-	-	50	-	-	17,500
4	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	-	10	-	-	1,000
5	Gas Storage Water Heater >75kBtu	26	19,227	89	150	5,776	49,797	90,000
6	High Efficiency Gas Water Heater - Tankless <200kBTU	-	-	22	50	728	10,394	20,000
7	High Efficiency Gas Water Heater - Tankless >200kBTU	7	18,330	38	40	5,305	68,065	51,000
8	Condensing Gas Water Heater	-	-	-	4	-	-	1,400
9	Hybrid Gas Water Heater	-	-	-	5	-	-	1,750
10	Combined Space / Water Heater (business)	-	-	-	1	-	-	450
11	Commercial Clothes Washer	-	-	-	10	-	-	750
12	Boiler Reset Control	-	-	4	10	237	1,000	2,500
13	Boiler Tune-up Tier 1	-	-	3	25	47	300	2,500
14	Boiler Tune-up Tier 2	-	-	-	10	-	-	2,000
15	Boiler Tune-up Tier 3	-	-	-	40	-	-	12,000
16	Low Flow Pre-rinse Spray Valve	-	-	-	250	-	-	8,000
17	Smart Thermostat (business)	82	7,585	343	500	2,315	28,941	35,000
18	Direct Contact Water Heater	-	-	-	1	-	-	298
19	Direct Fired Heater	-	-	7	5	2,129	19,286	6,000
20	High Efficiency Boiler Hot Water Tier 1	-	-	2	-	86	1,196	-
21	Boiler Hot Water < 300,000 Btu/h (business)	1	570	2	25	50	968	100,000
22	Boiler Hot Water ≥ 300,000 < 2,500,000 (business)	13	78,000	22	40	6,331	160,742	162,500
23	High Efficiency Boiler Hot Water Tier 2	12	15,561	56	-	12,630	256,542	-
24	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	44	290,829	49	15	17,830	319,704	65,625
25	Boiler Hot Water ≥ 2,500,000 Btu/h (business)	-	-	-	15	-	-	146,250
26	Boiler Hot Water ≥ 2,500,000 Btu/h 95% + (business)	6	69,993	8	10	4,944	104,993	105,000
27	Boiler Steam <300,000 Btu/h (business)	-	-	-	1	-	-	4,140
28	Boiler Steam (Except Natural Draft) ≥ 300,000 Btu/h (business)	3	15,948	3	10	447	15,948	108,060
29	Boiler Steam (Natural Draft) ≥ 300,000 Btu/h (business)	-	-	3	10	831	17,322	108,060
30	Gas Unit Heater NonCondensing	-	-	43	5	507	14,350	1,250
31	Gas Unit Heater Condensing	3	4,680	3	10	106	4,680	16,200
32	Green Certified New Buildings	1	4,419	5	5	2,089	18,649	25,000
33	Infrared Heating System	4	3,725	81	250	3,157	40,990	187,500
34	Modulating Infrared Heaters (NC or Replacing Non-IR) (business)	-	-	-	20	-	-	21,750
35	Modulating Infrared Heaters (Replacing Non-IR) (business)	-	-	-	1	-	-	290
36	Condensing RTU's (business)	-	-	-	1	-	-	1,875
37	High Efficiency Gas Combo Oven	-	-	8	20	258	8,000	20,000
38	High Efficiency Gas Combo Oven (Used)	-	-	-	1	-	-	500
39	Energy Star Gas Commercial Fryer	2	1,000	17	20	549	8,500	15,000
40	Energy Star Gas Commercial Fryer (Used)	-	-	-	1	-	-	375
41	High Efficiency Gas Convection Oven	16	8,000	45	25	1,267	22,500	18,750
42	High Efficiency Gas Convection Oven (Used)	-	-	-	1	-	-	375
43	High Efficiency Gas Griddle	-	-	-	5	-	-	1,500
44	High Efficiency Gas Griddle (Used)	-	-	-	1	-	-	150
45	Energy Star Gas Steam Cooker	-	-	1	10	71	1,000	10,000
46	Energy Star Gas Steam Cooker (Used)	-	-	-	1	-	-	500
47	Attic Insulation (retrofit)	5	24,145	15	25	1,060	46,070	28,000
48	Wall Insulation (retrofit)	-	-	3	10	29	1,211	12,000
49	Demand Control Ventilation Systems	1	1,000	8	10	1,317	12,101	16,000
50	Demand Control Ventilation Systems (DCV) Packaged (no BMS)	26	80,800	95	40	14,840	272,800	10,000
51	Pipe Insulation (Hot Water)	-	-	-	10	-	-	750
52	Pipe Insulation (Steam)	-	-	-	5	-	-	1,000
53	High Efficiency Charbroiler	-	-	-	5	-	-	5,000
54	High Efficiency Charbroiler (Used)	-	-	-	1	-	-	500
55	Conveyor Oven	-	-	-	5	-	-	5,000
56	Conveyor Oven (Used)	-	-	-	1	-	-	500
57	Gas Dryer Moisture Sensor	-	-	-	1	-	-	25
58	Modulating Gas Dryer	-	-	-	5	-	-	375
59	Solar Assisted Water Heater- Pool- Business	-	-	-	1	-	-	750
60	Prescriptive ERV	18	19,225	122	275	888	93,139	27,500
61	Administrative & Overheads	N/A	(227,144)	N/A	N/A	N/A	1,025,290	1,139,000
62	Total	348	\$ 530,084	1,639	2,778	126,113	\$ 3,000,036	\$ 3,109,198

*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 December 31, 2020

Line #	Program	4th Quarter 2020		Total 2020					
		Actual		Plans / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants**	Costs						
1	<i>THERMWISE HOME ENERGY PLAN</i>								
2	Efficiency Measures	597	\$ -	1,879	10,537	2,240	25,962	\$ 21,766	\$ 41,812
3	Administrative & Overheads	N/A	118,626	N/A	N/A	N/A	N/A	356,201	533,000
4	Total	597	\$ 118,626	1,879	10,537	2,240	25,962	\$ 377,967	\$ 574,812

*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 December 31, 2020

Line #	Program	4th Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Attic Insulation Tier 1 - .25 per sq. ft	3,483	\$ 744,378	12,613	13,200	43,300	\$ 2,553,072	\$ 1,683,000
2	Attic Insulation Tier 2	1,236	87,279	4,554	5,300	4,790	322,372	293,090
3	Floor Insulation	17	3,048	72	185	335	12,301	14,356
4	Wall Insulation	112	31,286	455	780	1,764	124,776	119,340
5	R-5 Windows	229	103,826	2,190	1,500	9,090	406,973	693,750
6	Duct Sealing & Insulation	19	5,869	66	400	701	20,866	120,960
7	Air Sealing	2,191	1,063,043	9,459	9,400	55,442	4,425,510	3,929,200
8	Pipe Insulation (weatherization)	-	-	-	100	-	-	250
9	ICAST pilot	5,174	866,024	7,374	1,000	92,175	1,229,269	450,000
10	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	-	-	7	24	11	648	2,760
11	Attic Insulation (multifamily) Tier 2	-	-	3	24	2	136	1,327
12	Floor Insulation (multifamily)	-	-	-	10	-	-	364
13	Wall Insulation (multifamily)	-	-	-	10	-	-	1,020
14	R-5 Windows (multifamily)	-	-	-	5	-	-	1,150
15	Duct Sealing & Insulation (multifamily)	-	-	-	5	-	-	1,512
16	Administrative & Overheads	N/A	243,673	N/A	N/A	N/A	870,301	670,000
17	Total	12,461	\$ 3,148,427	36,793	31,943	207,609	\$ 9,966,225	\$ 7,982,079

*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 December 31, 2020

Line #	Program	4th Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	66,650	\$ 112,917	266,600	266,600	322,586	\$ 554,643	\$ 570,000

Dominion Energy
Low Income Efficiency Program - Utah Programs
As of December 31, 2020

Line #	Program	4th Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	49	\$ 14,700	124	300	1,459	\$ 38,300	\$ 90,000
2	98% Efficient Furnace	-	-	3	4	42	1,100	1,400
3	Boilers Tier 2	1	600	1	-	25	600	-
4	Gas Water Heater - Tier 2	5	500	8	38	32	800	3,800
5	Water Heater - Storage Condensing (Energy Star)	3	1,050	4	-	35	1,400	-
6	Water Heater - Hybrid	-	-	4	-	35	1,400	-
7	Attic Insulation - Tier 1	49	12,330	160	220	651	30,727	67,760
8	Attic Insulation Tier 2	20	469	67	120	22	1,186	9,240
9	Floor Insulation	8	2,462	15	48	103	3,037	10,224
10	Wall Insulation	27	7,573	56	40	225	12,721	11,802
11	Duct Sealing & Insulation	-	-	-	50	-	-	20,962
12	Air Sealing	40	17,302	133	280	932	55,049	81,050
13	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	5	-	-	1,750
14	Smart Thermostat (low income)	35	1,750	126	800	1,084	6,300	40,000
15	Low Income Furnace Replacement	225	-	225	600	4,613	500,000	500,000
16	Administrative & Overheads	N/A	19,842	N/A	N/A	N/A	27,948	29,283
17	Total	462	\$ 78,578	926	2,505	9,257	\$ 680,568	\$ 867,270

Dominion Energy
Market Transformation - Utah Programs
As of December 31, 2020

Line #	Program	4th Quarter 2020		Total 2020			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 69,529	N/A	N/A	\$ 937,217	\$ 1,320,000