

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

July 13, 2020

*Subject: Docket No. 19-057-26 and 20-057-01*

Dear Chris:

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

If you have any questions, or if we can provide additional information, please contact me.

Sincerely,

*Michael A. Orton* TSW

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, 2020**

Line #	Program	1st Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	ThermWise Appliance Rebates	3,869	\$ 1,052,474	3,869	30,587	31,976	\$ 1,052,474	\$ 6,172,929
2	ThermWise Builder Rebates	7,661	1,631,209	7,661	18,423	51,667	1,631,209	5,830,063
3	ThermWise Business Rebates	375	846,801	375	2,778	24,844	846,801	3,109,198
4	ThermWise Home Energy Plan	512	108,172	512	2,240	9,972	108,172	574,812
5	ThermWise Weatherization Rebates	11,296	2,726,121	11,296	31,943	56,351	2,726,121	7,982,079
6	Market Transformation	N/A	394,360	N/A	N/A	N/A	394,360	1,320,000
7	ThermWise Energy Comparison Report	66,650	281,658	66,650	266,600	80,647	281,658	570,000
8	Low Income Efficiency Program	357	325,412	357	2,505	2,262	325,412	867,270
9	<b>Programs Total **</b>	<b>24,070</b>	<b>\$ 7,366,206</b>	<b>24,070</b>	<b>88,476</b>	<b>257,719</b>	<b>\$ 7,366,206</b>	<b>\$ 26,426,350</b>
10	DSM Interest	N/A	(48,635)	N/A	N/A	N/A	(48,635)	N/A
11	DSM Amortization	N/A	(13,245,975)	N/A	N/A	N/A	(13,245,975)	N/A
12	DSM Accruals ***	N/A	135,447	N/A	N/A	N/A	135,447	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	<b>2020 TOTAL</b>	<b>24,070</b>	<b>\$ (5,792,956)</b>	<b>24,070</b>	<b>88,476</b>	<b>257,719</b>	<b>\$ (5,792,956)</b>	<b>\$ 26,426,350</b>

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

\*\* Total participation reflects rebates and energy plan participants. Energy Comparison Report participants are shown only for the purpose of calculating cost effectiveness.

\*\*\* Accruals made during the period are shown only for the purpose of reconciling ending account balance.

Dominion Energy  
ThermWise Appliance Rebate Program - Utah Programs  
As of March 31, 2020

Line#	Program	1st Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	1,658	\$ 559,100	1,658	10,000	15,612	\$ 559,100	\$ 3,000,000
2	98% Efficient	170	65,900	170	950	1,884	65,900	332,500
3	Gas Water Heater - Tier 2	127	12,700	127	1,000	291	12,700	100,000
4	Condensing Gas Water Heater	12	4,200	12	160	83	4,200	56,000
5	Hybrid Gas Water Heater	3	1,050	3	36	21	1,050	12,600
6	Boilers Tier 1	-	-	-	22	-	-	8,800
7	Boilers Tier 2	32	19,200	32	115	645	19,200	69,000
8	Solar Assisted Water Heater (domestic)	-	-	-	3	-	-	2,250
9	Solar Assisted Water Heater (pool)	2	1,500	2	3	110	1,500	2,250
10	Tankless Gas Water Heater (tier 2)	345	103,500	345	1,501	2,618	103,500	450,300
11	Direct Vent Gas Fireplace	102	20,400	102	1,000	881	20,400	200,000
12	Smart Thermostat (appliance)	1,364	68,200	1,364	15,000	9,384	68,200	750,000
13	Boiler Reset Control (appliance)	2	200	2	5	9	200	500
14	Combined Space and Hot Water (appliance)	12	9,000	12	24	182	9,000	18,000
15	Smart Water Heater Controller (appliance)	-	-	-	200	-	-	10,000
16	95% Efficient Furnace	29	8,000	29	500	204	8,000	150,000
17	98% Efficient Furnace	-	-	-	5	-	-	1,750
18	Gas Water Heater - Tier 2	1	100	1	5	2	100	500
19	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750
20	Hybrid Gas Water Heater	9	3,150	9	-	39	3,150	-
21	Boilers Tier 1	1	400	1	1	10	400	400
22	Boilers Tier 2	-	-	-	1	-	-	600
23	Direct Vent Gas Fireplace	-	-	-	5	-	-	1,000
24	Smart Thermostat (existing multifamily)	-	-	-	50	-	-	2,500
25	Administrative & Overheads	N/A	175,874	N/A	N/A	N/A	175,874	1,003,229
26	<b>Total</b>	<b>3,869</b>	<b>\$ 1,052,474</b>	<b>3,869</b>	<b>30,587</b>	<b>31,976</b>	<b>\$ 1,052,474</b>	<b>\$ 6,172,929</b>

\*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, 2020

Line #	Program	1st Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	HERS Index 62 or lower (builder)	346	\$ 34,600	346	-	1,439	\$ 34,600	\$ -
2	HERS Index 55 or lower (builder)	527	105,400	527	-	4,385	105,400	-
3	HERS Index 48 or lower (builder)	44	13,200	44	-	549	13,200	-
4	Pay for Performance (builder)	-	-	-	2,400	-	-	1,440,000
5	Energy Star 3.0 Bonus (builder)	272	13,600	272	600	4,957	13,600	390,000
6	DOE Zero Energy Ready Bonus (builder)	-	-	-	50	-	-	35,000
7	95% Efficient Furnace	2,507	584,758	2,507	4,000	20,317	584,758	1,200,000
8	98% Efficient Furnace with ECM	5	1,200	5	40	49	1,200	14,000
9	.67 EF Storage Water Heater	325	32,500	325	1,000	744	32,500	100,000
10	Tankless Water Heater Tier 2	353	106,000	353	750	3,022	106,000	225,000
11	Condensing Gas Water Heater	10	3,500	10	65	69	3,500	22,750
12	Hybrid Gas Water Heater	1	350	1	1	7	350	350
13	Gas Boiler Rebates Paid - Tier 1	1	400	1	10	7	400	4,000
14	Gas Boiler Rebates Paid - Tier 2	2	1,200	2	60	26	1,200	36,000
15	Solar Assisted Water Heater - domestic	-	-	-	1	-	-	750
16	Solar Assisted Water Heater - pool	-	-	-	1	-	-	750
17	2X6 R-23 Walls	886	109,599	886	2,000	3,828	109,599	300,000
18	R-5 Window	69	2,531	69	30	23	2,531	25,000
19	Smart Thermostat (builder)	91	4,550	91	600	313	4,550	30,000
20	Combined Space and Hot Water (builder)	1	750	1	3	15	750	2,250
21	Smart Water Heater Controller (builder)	-	-	-	5	-	-	250
22	HERS Index 62 or lower - MF	73	3,650	73	-	134	3,650	-
23	HERS Index 55 or lower - MF	129	12,900	129	-	475	12,900	-
24	HERS Index 48 or lower - MF	218	32,700	218	-	1,203	32,700	-
25	Pay for Performance - MF	103	66,908	103	1,500	824	66,908	450,000
26	Energy Star 3.0 Bonus - MF	221	5,525	221	600	1,968	5,525	195,000
27	DOE Zero Energy Ready Bonus - MF	-	-	-	30	-	-	10,500
28	95% Efficient Furnace - MF	975	294,400	975	1,500	5,928	294,400	450,000
29	98% Efficient Furnace - MF	-	-	-	25	-	-	8,750
30	.67 EF Storage Water Heater - MF	251	25,100	251	1,700	279	25,100	170,000
31	Tankless Water Heater Tier 2 - MF	123	36,900	123	600	664	36,900	180,000
32	Condensing Gas Water Heater - MF	92	32,200	92	-	397	32,200	-
33	Hybrid Gas Water Heater - MF	-	-	-	5	-	-	1,750
34	Boilers Tier 1 - MF	-	-	-	5	-	-	2,000
35	Boilers Tier 2 - MF	-	-	-	12	-	-	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)	28	1,400	28	800	38	1,400	40,000
40	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
41	Energy Star Highrise (new multifamily)	8	200	8	-	7	200	-
42	Administrative & Overheads	N/A	105,188	N/A	N/A	N/A	105,188	470,000
43	<b>Total</b>	<b>7,661</b>	<b>\$ 1,631,209</b>	<b>7,661</b>	<b>18,423</b>	<b>51,667</b>	<b>\$ 1,631,209</b>	<b>\$ 5,830,063</b>

\*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, 2020

Line #	Program	1st Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Business Custom	18	\$ 19,745	18	20	9,489	\$ 19,745	\$ 280,000
2	95% Efficient Furnace	74	22,750	74	700	697	22,750	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	11	5,653	11	150	656	5,653	90,000
6	High Efficiency Gas Water Heater - Tankless <200kBTU	4	1,592	4	50	111	1,592	20,000
7	High Efficiency Gas Water Heater - Tankless >200kBTU	13	14,099	13	20	987	14,099	20,400
8	High Efficiency Gas Water Heater - Tankless >200kBTU	-	-	-	20	-	-	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	-	-	-	10	-	-	750
13	Boiler Reset Control	4	1,000	4	10	237	1,000	2,500
14	Boiler Tune-up Tier 1	-	-	-	25	-	-	2,500
15	Boiler Tune-up Tier 2	-	-	-	10	-	-	2,000
16	Boiler Tune-up Tier 3	-	-	-	40	-	-	12,000
17	Low Flow Pre-rinse Spray Valve	-	-	-	250	-	-	8,000
18	Smart Thermostat (business)	123	10,920	123	500	874	10,920	35,000
19	Direct Contact Water Heater	-	-	-	1	-	-	298
20	Direct Fired Heater	3	5,899	3	5	651	5,899	6,000
21	High Efficiency Boiler Hot Water Tier 1	2	1,196	2	-	86	1,196	-
22	Boiler Hot Water < 300,000 Btu/h (business)	-	-	-	25	-	-	100,000
23	Boiler Hot Water ≥ 300,000 < 2,500,000 (business)	-	-	-	40	-	-	162,500
24	High Efficiency Boiler Hot Water Tier 2	20	99,775	20	-	4,912	99,775	-
25	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	-	-	-	15	-	-	65,625
26	Boiler Hot Water ≥ 2,500,000 Btu/h (business)	-	-	-	15	-	-	146,250
27	Boiler Hot Water ≥ 2,500,000 Btu/h 95% + (business)	-	-	-	10	-	-	105,000
28	Boiler Steam <300,000 Btu/h (business)	-	-	-	1	-	-	4,140
29	Boiler Steam (Except Natural Draft) ≥ 300,000 Btu/h (business)	-	-	-	10	-	-	108,060
30	Boiler Steam (Natural Draft) ≥ 300,000 Btu/h (business)	3	17,322	3	10	831	17,322	108,060
31	Gas Unit Heater NonCondensing	2	500	2	5	18	500	1,250
32	Gas Unit Heater Condensing	-	-	-	10	-	-	16,200
33	Green Certified New Buildings	-	-	-	5	-	-	25,000
34	Infrared Heating System	7	4,600	7	250	354	4,600	187,500
35	Modulating Infrared Heaters (NC or Replacing Non-IR) (business)	-	-	-	20	-	-	21,750
36	Modulating Infrared Heaters (Replacing Non-IR) (business)	-	-	-	1	-	-	290
37	Condensing RTU's (business)	-	-	-	1	-	-	1,875
38	High Efficiency Gas Combo Oven	5	5,000	5	20	161	5,000	20,000
39	High Efficiency Gas Combo Oven (Used)	-	-	-	1	-	-	500
40	Energy Star Gas Commercial Fryer	6	3,000	6	20	194	3,000	15,000
41	Energy Star Gas Commercial Fryer (Used)	-	-	-	1	-	-	375
42	High Efficiency Gas Convection Oven	22	11,000	22	25	620	11,000	18,750
43	High Efficiency Gas Convection Oven (Used)	-	-	-	1	-	-	375
44	High Efficiency Gas Griddle	-	-	-	5	-	-	1,500
45	High Efficiency Gas Griddle (Used)	-	-	-	1	-	-	150
46	Energy Star Gas Steam Cooker	1	1,000	1	10	71	1,000	10,000
47	Energy Star Gas Steam Cooker (Used)	-	-	-	1	-	-	500
48	Attic Insulation (retrofit)	4	16,624	4	25	382	16,624	28,000
49	Wall Insulation (retrofit)	1	708	1	10	17	708	12,000
50	Demand Control Ventilation Systems	-	-	-	10	-	-	16,000
51	Demand Control Ventilation Systems (DCV) Packaged (no BMS)	26	60,800	26	40	3,308	60,800	10,000
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	-	-	-	5	-	-	375
60	Solar Assisted Water Heater- Pool- Business	-	-	-	1	-	-	750
61	Prescriptive ERV	26	10,106	26	275	189	10,106	27,500
62	Administrative & Overheads	N/A	533,512	N/A	N/A	N/A	533,512	1,139,000
63	<b>Total</b>	<b>375</b>	<b>\$ 846,801</b>	<b>375</b>	<b>2,778</b>	<b>24,844</b>	<b>\$ 846,801</b>	<b>\$ 3,109,198</b>

\*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, 2020

Line #	Program	1st 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	512	\$ 13,413	512	4,070	2,240	9,972	\$ 13,413	\$ 41,812
3	Administrative & Overheads	N/A	94,759	N/A	N/A	N/A	N/A	94,759	533,000
4	<b>Total</b>	<b>512</b>	<b>\$ 108,172</b>	<b>512</b>	<b>4,070</b>	<b>2,240</b>	<b>9,972</b>	<b>\$ 108,172</b>	<b>\$ 574,812</b>

\*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, 2020**

Line #	Program	1st 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	3,699	\$ 712,853	3,699	13,200	12,090	\$ 712,853	\$ 1,683,000
2	Attic Insulation Tier 2	1,322	89,348	1,322	5,300	1,327	89,348	293,090
3	Floor Insulation	20	3,112	20	185	85	3,112	14,356
4	Wall Insulation	148	42,008	148	780	594	42,008	119,340
5	R-5 Windows	1,435	55,072	1,435	1,500	1,230	55,072	693,750
6	Duct Sealing & Insulation	17	5,256	17	400	162	5,256	120,960
7	Air Sealing	2,847	1,285,129	2,847	9,400	18,263	1,285,129	3,929,200
8	Pipe Insulation (weatherization)	-	-	-	100	-	-	250
9	ICAST pilot	1,808	295,967	1,808	1,000	22,600	295,967	450,000
10	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	-	-	-	24	-	-	2,760
11	Attic Insulation (multifamily) Tier 2	-	-	-	24	-	-	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
20	Administrative & Overheads	N/A	237,376	N/A	N/A	N/A	237,376	670,000
21	<b>Total</b>	<b>11,296</b>	<b>\$ 2,726,121</b>	<b>11,296</b>	<b>31,943</b>	<b>56,351</b>	<b>\$ 2,726,121</b>	<b>\$ 7,982,079</b>

\*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 March 31, 2020

Line #	Program	1st Quarter 2020		Total 2020			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 394,360	N/A	N/A	\$ 394,360	\$ 1,320,000



Dominion Energy  
 ThermWise Energy Comparison Report - Utah Programs  
 As of March 31, 2020

Line #	Program	1st Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	66,650	\$ 281,658	66,650	266,600	80,647	\$ 281,658	\$ 570,000

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

Line #	Program	1st Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	53	\$ 17,000	53	300	624	\$ 17,000	\$ 90,000
2	98% Efficient Furnace	2	750	2	4	28	750	1,400
3	Gas Water Heater - Tier 2	3	300	3	38	12	300	3,800
4	Water Heater - Storage Condensing (Energy Star)	1	350	1	-	9	350	-
5	Water Heater - Hybrid	4	1,400	4	-	35	1,400	-
6	Attic Insulation - Tier 1	84	14,211	84	220	301	14,211	67,760
7	Attic Insulation Tier 2	35	553	35	120	10	553	9,240
8	Floor Insulation	6	277	6	48	9	277	10,224
9	Wall Insulation	27	4,839	27	40	85	4,839	11,802
10	Duct Sealing & Insulation	-	-	-	50	-	-	20,962
11	Air Sealing	72	29,384	72	280	547	29,384	81,050
12	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	5	-	-	1,750
13	Smart Thermostat (low income)	70	3,500	70	800	602	3,500	40,000
14	Low Income Furnace Replacement	-	250,000	-	600	-	250,000	500,000
15	Administrative & Overheads	N/A	2,849	N/A	N/A	N/A	2,849	29,283
16	<b>Total</b>	<b>357</b>	<b>\$ 325,412</b>	<b>357</b>	<b>2,505</b>	<b>2,262</b>	<b>\$ 325,412</b>	<b>\$ 867,270</b>