

Dominion Energy Utah
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DominionEnergy.com



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

December 14, 2020

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

Dear Artie:

Attached please find copies of the Energy Efficiency Report for the third quarter ending September 30, 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

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 September 30, 2020

Line #	Program	3rd Quarter 2020		Total 2020				
		Actual		Actual	Estimated	Dth	Actual	Budget
		Participants	Costs	Participants	Participants	Savings*	Costs	
1	ThermWise Appliance Rebates	2,801	\$ 783,563	10,133	30,587	84,529	\$ 2,824,656	\$ 6,172,929
2	ThermWise Builder Rebates	5,975	2,022,428	24,305	18,423	151,877	6,094,627	5,830,063
3	ThermWise Business Rebates	211	628,671	1,291	2,778	83,126	2,469,952	3,109,198
4	ThermWise Home Energy Plan	433	74,431	1,282	2,240	19,172	259,341	574,812
5	ThermWise Weatherization Rebates	7,071	2,223,206	24,332	31,943	113,387	6,817,798	7,982,079
6	Market Transformation	N/A	145,151	N/A	N/A	N/A	867,688	1,320,000
7	ThermWise Energy Comparison Report	66,650	34,533	199,950	266,600	241,940	441,726	570,000
8	Low Income Efficiency Program	52	261,953	464	2,505	2,952	601,991	867,270
9	Programs Total **	16,543	6,173,935	61,807	88,476	696,983	20,377,779	26,426,350
10	DSM Interest	N/A	(4,425)	N/A	N/A	N/A	(97,823)	N/A
11	DSM Amortization	N/A	(1,873,570)	N/A	N/A	N/A	(18,793,475)	N/A
12	DSM Accruals ***	N/A	36,349	N/A	N/A	N/A	(533,789)	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	2020 TOTAL	16,543	\$ 4,332,289	61,807	88,476	696,983	\$ 952,691	\$ 26,426,350

*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 September 30, 2020

Line#	Program	3rd Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	1,304	\$ 391,250	4,527	10,000	42,626	\$ 1,431,100	\$ 3,000,000
2	98% Efficient	167	58,500	496	950	5,496	181,250	332,500
3	Gas Water Heater - Tier 2	75	7,500	317	1,000	725	31,700	100,000
4	Condensing Gas Water Heater	5	1,750	28	160	194	9,800	56,000
5	Hybrid Gas Water Heater	-	-	11	36	76	3,850	12,600
6	Boilers Tier 1	-	-	6	22	90	2,400	8,800
7	Boilers Tier 2	36	21,600	120	115	2,419	72,000	69,000
8	Solar Assisted Water Heater (domestic)	-	-	-	3	-	-	2,250
9	Solar Assisted Water Heater (pool)	1	750	4	3	220	3,000	2,250
10	Tankless Gas Water Heater (tier 2)	288	86,400	1,117	1,500	8,373	335,100	450,000
11	Direct Vent Gas Fireplace	49	9,800	270	1,000	2,333	54,000	200,000
12	Smart Thermostat (appliance)	710	35,500	2,987	15,000	20,551	149,350	750,000
13	Boiler Reset Control (appliance)	-	-	3	5	13	300	500
14	Combined Space and Hot Water (appliance)	5	3,750	25	24	380	18,750	18,000
15	Smart Water Heater Controller (appliance)	7	350	10	200	20	500	10,000
16	95% Efficient Furnace	49	14,700	95	500	669	28,600	150,000
17	98% Efficient Furnace with ECM	-	-	1	5	8	350	1,750
18	Gas Water Heater - Tier 2	49	4,900	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)	56	2,800	57	50	182	2,850	2,500
25	Tankless Gas Water Heater (tier 2)	-	-	(12)	1	(58)	(3,600)	300
26	Administrative & Overheads	N/A	144,013	N/A	N/A	N/A	490,956	1,003,229
27	Total	2,801	\$ 783,563	10,133	30,587	84,529	\$ 2,824,656	\$ 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 September 30, 2020

Line #	Program	3rd Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	HERS Index 62 or lower (builder)	65	\$ 6,500	751	-	3,124	\$ 75,100	\$ -
2	HERS Index 55 or lower (builder)	77	15,400	1,196	-	9,951	239,200	-
3	HERS Index 48 or lower (builder)	20	6,000	156	-	1,947	46,800	-
4	Pay for Performance (builder)	496	328,548	496	2,400	7,936	328,548	1,440,000
5	Energy Star 3.0 Bonus (builder)	129	6,450	632	600	1,406	31,600	390,000
6	95% Efficient Furnace	1,220	390,800	6,785	4,000	54,986	1,684,825	1,200,000
7	98% Efficient Furnace with ECM	1	350	28	40	272	3,725	14,000
8	.67 EF Storage Water Heater	36	3,600	677	1,000	1,549	67,700	100,000
9	Tankless Water Heater Tier 2	174	52,200	1,019	750	8,723	305,800	225,000
10	Condensing Gas Water Heater	32	11,200	43	65	299	15,050	22,750
11	Hybrid Gas Water Heater	-	-	1	1	7	350	350
12	Gas Boiler Rebates Paid - Tier 1	-	-	2	10	14	800	4,000
13	Gas Boiler Rebates Paid - Tier 2	4	2,400	10	60	129	6,000	36,000
14	Solar Assisted Water Heater - domestic	-	-	-	1	-	-	750
15	Solar Assisted Water Heater - pool	-	-	-	1	-	-	750
16	2X6 R-23 Walls	338	50,850	2,074	2,000	8,960	250,899	300,000
17	R-5 Window	2	969	77	30	72	7,763	25,000
18	Smart Thermostat (builder)	106	5,300	314	600	1,080	15,700	30,000
19	Combined Space and Hot Water (builder)	1	750	2	3	29	1,500	2,250
20	Smart Water Heater Controller (builder)	1	50	1	5	2	50	250
21	HERS Index 62 or lower - MF	181	9,050	461	-	848	23,050	-
22	HERS Index 55 or lower - MF	471	47,100	1,203	-	4,427	120,300	-
23	HERS Index 48 or lower - MF	83	12,450	780	-	4,306	117,000	-
24	Pay for Performance - MF	532	564,561	977	1,500	7,816	800,073	450,000
25	Energy Star 3.0 Bonus - MF	102	2,550	604	600	5,378	15,100	195,000
26	DOE Zero Energy Ready Bonus - MF	-	-	-	30	-	-	10,500
27	95% Efficient Furnace - MF	903	285,800	3,341	1,500	20,313	1,045,700	450,000
28	98% Efficient Furnace - MF	-	-	-	25	-	-	8,750
29	.67 EF Storage Water Heater - MF	493	49,300	860	1,700	956	86,000	170,000
30	Tankless Water Heater Tier 2 - MF	132	39,600	521	600	2,813	156,300	180,000
31	Condensing Gas Water Heater - MF	80	28,000	953	0	4,117	333,550	-
32	Hybrid Gas Water Heater - MF	15	5,250	15	5	65	5,250	1,750
33	Boilers Tier 1 - MF	-	-	-	5	-	-	2,000
34	Boilers Tier 2 - MF	-	-	-	12	-	-	7,200
35	Solar Assisted Water Heater - domestic MF	-	-	-	5	-	-	3,750
36	Solar Assisted Water Heater - pool MF	-	-	-	5	-	-	3,750
37	R-5 Window	-	-	-	5	-	-	13
38	Smart Thermostat (new multifamily)	90	4,500	127	800	173	6,350	40,000
39	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
40	Energy Star Highrise (new multifamily)	191	4,775	199	0	180	4,975	-
41	Administrative & Overheads	N/A	88,125	N/A	N/A	N/A	299,569	470,000
42	Total	5,975	\$ 2,022,428	24,305	18,423	151,877	6,094,627	\$ 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 September 30, 2020

Line #	Program	3rd Quarter 2020		Total 2020				
		Actual		Actual	Estimated	Dth	Actual	Budget
		Participants	Costs	Participants	Participants	Savings*	Costs	
1	Business Custom	10	\$ 40,343	39	20	28,049	\$ 151,368	\$ 280,000
2	95% Efficient Furnace	61	18,300	425	700	4,002	130,000	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	23	15,378	63	150	3,546	30,570	90,000
6	High Efficiency Gas Water Heater - Tankless <200kBTU	3	1,058	22	50	728	10,394	20,000
7	High Efficiency Gas Water Heater - Tankless >200kBTU	9	8,136	25	20	1,717	24,535	20,400
8	High Efficiency Gas Water Heater - Tankless >200kBTU	2	9,000	6	20	2,100	25,200	30,600
9	Condensing Gas Water Heater NEW 2017	-	-	-	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	10	237	1,000	2,500
14	Boiler Tune-up Tier 1	-	-	3	25	47	300	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)	27	2,699	261	500	1,708	21,355	35,000
19	Direct Contact Water Heater	-	-	-	1	-	-	298
20	Direct Fired Heater	4	13,388	7	5	2,129	19,286	6,000
21	High Efficiency Boiler Hot Water Tier 1	-	-	2	-	86	1,196	-
22	Boiler Hot Water < 300,000 Btu/h (business)	-	-	1	25	21	398	100,000
23	Boiler Hot Water ≥ 300,000 < 2,500,000 (business)	4	16,445	9	40	3,259	82,742	162,500
24	High Efficiency Boiler Hot Water Tier 2	2	7,800	44	-	11,864	240,981	-
25	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	2	14,000	5	15	1,610	28,875	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)	2	35,000	2	10	1,648	35,000	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	10	831	17,322	108,060
31	Gas Unit Heater NonCondensing	-	-	43	5	507	14,350	1,250
32	Gas Unit Heater Condensing	-	-	-	10	-	-	16,200
33	Green Certified New Buildings	3	11,248	4	5	1,594	14,230	25,000
34	Infrared Heating System	19	10,840	77	250	2,870	37,265	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	2	2,000	8	20	258	8,000	20,000
39	High Efficiency Gas Combo Oven (Used)	-	-	-	1	-	-	500
40	Energy Star Gas Commercial Fryer	9	4,500	15	20	485	7,500	15,000
41	Energy Star Gas Commercial Fryer (Used)	-	-	-	1	-	-	375
42	High Efficiency Gas Convection Oven	1	500	29	25	817	14,500	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	10	71	1,000	10,000
47	Energy Star Gas Steam Cooker (Used)	-	-	-	1	-	-	500
48	Attic Insulation (retrofit)	1	99	10	25	504	21,925	28,000
49	Wall Insulation (retrofit)	-	-	3	10	29	1,211	12,000
50	Demand Control Ventilation Systems	4	4,600	7	10	1,208	11,101	16,000
51	Demand Control Ventilation Systems (DCV) Packaged (no BMS)	16	39,200	69	40	10,445	192,000	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	7	48,708	104	275	757	73,914	27,500
62	Administrative & Overheads	N/A	325,429	N/A	N/A	N/A	1,252,434	1,139,000
63	Total	211	\$ 628,671	1,291	2,778	83,126	\$ 2,469,952	\$ 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 September 30, 2020

Line #	Program	3rd 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	433	\$ 8,353	1,282	7,735	2,240	19,172	\$ 21,766	\$ 41,812
3	Administrative & Overheads	N/A	66,078	N/A	N/A	N/A	N/A	237,575	533,000
4	Total	433	\$ 74,431	1,282	7,735	2,240	19,172	\$ 259,341	\$ 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 September 30, 2020

Line #	Program	3rd 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	3,022	\$ 630,731	9,130	13,200	30,675	\$ 1,808,694	\$ 1,683,000
2	Attic Insulation Tier 2	1,106	81,271	3,318	5,300	3,493	235,093	293,090
3	Floor Insulation	18	2,863	55	185	252	9,253	14,356
4	Wall Insulation	78	22,578	343	780	1,321	93,490	119,340
5	R-5 Windows	262	131,960	1,961	1,500	6,771	303,147	693,750
6	Duct Sealing & Insulation	27	8,827	47	400	507	14,997	120,960
7	Air Sealing	2,444	1,150,369	7,268	9,400	42,855	3,362,467	3,929,200
8	Pipe Insulation (weatherization)	-	-	-	100	-	-	250
9	ICAST pilot	114	12,152	2,200	1,000	27,500	363,245	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	182,454	N/A	N/A	N/A	626,628	670,000
17	Total	7,071	\$ 2,223,206	24,332	31,943	113,387	\$ 6,817,798	\$ 7,982,079

*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 September 30, 2020

Line #	Program	3rd Quarter 2020		Total 2020			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 145,151	N/A	N/A	\$ 867,688	\$ 1,320,000

Dominion Energy
ThermWise Energy Comparison Report - Utah Programs
As of September 30, 2020

Line #	Program	3rd Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	66,650	\$ 34,533	199,950	266,600	241,940	\$ 441,726	\$ 570,000

Dominion Energy
Low Income Efficiency Program - Utah Programs
As of September 30, 2020

Line #	Program	3rd Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	6	\$ 1,800	75	300	883	\$ 23,600	\$ 90,000
2	98% Efficient Furnace with ECM	-	-	3	4	42	1,100	1,400
3	Gas Water Heater - Tier 2	-	-	3	38	12	300	3,800
4	Water Heater - Storage Condensing (Energy Star)	-	-	1	-	9	350	-
5	Water Heater - Hybrid	-	-	4	-	35	1,400	-
6	Attic Insulation - Tier 1	13	2,001	111	220	390	18,397	67,760
7	Attic Insulation Tier 2	6	90	47	120	13	718	9,240
8	Floor Insulation	1	298	7	48	20	575	10,224
9	Wall Insulation	2	309	29	40	91	5,148	11,802
10	Duct Sealing & Insulation	-	-	-	50	-	-	20,962
11	Air Sealing	10	4,295	93	280	676	37,747	81,050
12	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	5	-	-	1,750
13	Smart Thermostat (low income)	14	700	91	800	783	4,550	40,000
14	Low Income Furnace Replacement	-	250,000	-	600	-	500,000	500,000
15	Administrative & Overheads	N/A	2,460	N/A	N/A	N/A	8,106	29,283
16	Total	52	\$ 261,953	464	2,505	2,952	\$ 601,991	\$ 867,270