

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

October 16, 2020

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

Dear Artie:

Attached please find copies of the Energy Efficiency Report for the second quarter ending June 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 June 30, 2020

Line #	Program	2nd Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	ThermWise Appliance Rebates	3,463	\$ 988,619	7,332	30,587	61,220	2,041,093	6,172,929
2	ThermWise Builder Rebates	10,669	2,440,989	18,330	18,423	121,804	4,072,199	5,830,063
3	ThermWise Business Rebates	705	994,480	1,080	2,778	65,308	1,841,281	3,109,198
4	ThermWise Home Energy Plan	337	76,738	849	2,240	12,069	184,910	574,812
5	ThermWise Weatherization Rebates	5,965	1,868,472	17,261	31,943	82,753	4,594,592	7,982,079
6	Market Transformation	N/A	328,177	N/A	N/A	N/A	722,537	1,320,000
7	ThermWise Energy Comparison Report	133,300	125,535	133,300	266,600	161,293	407,193	570,000
8	Low Income Efficiency Program	55	14,627	412	2,505	2,637	340,038	867,270
9	Programs Total **	21,194	\$ 6,837,637	45,264	88,476	507,084	14,203,843	26,426,350
10	DSM Interest	N/A	(44,763)	N/A	N/A	N/A	(93,398)	N/A
11	DSM Amortization	N/A	(3,673,931)	N/A	N/A	N/A	(16,919,906)	N/A
12	DSM Accruals ***	N/A	(634,645)	N/A	N/A	N/A	(570,160)	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	2020 TOTAL	21,194	\$ 2,484,298	45,264	88,476	507,084	\$ (3,379,620)	\$ 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 June 30, 2020

Line#	Program	2nd Quarter 2020		Total 2020				
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	95% Efficient Furnace	1,340	\$ 402,000	1,764	10,000	16,610	\$ 529,200	\$ 3,000,000
2	95% Efficient Furnace with ECM	225	78,750	1,459	-	13,738	510,650	-
3	98% Efficient	159	56,850	329	950	3,645	122,750	332,500
4	Gas Water Heater - Tier 2	115	11,500	242	1,000	554	24,200	100,000
5	Condensing Gas Water Heater	11	3,850	23	160	160	8,050	56,000
6	Hybrid Gas Water Heater	8	2,800	11	36	76	3,850	12,600
7	Boilers Tier 1	6	2,400	6	22	90	2,400	8,800
8	Boilers Tier 2	52	31,200	84	115	1,693	50,400	69,000
9	Solar Assisted Water Heater (domestic)	-	-	-	3	-	-	2,250
10	Solar Assisted Water Heater (pool)	1	750	3	3	165	2,250	2,250
11	Tankless Gas Water Heater (tier 2)	472	141,600	829	1,500	6,214	248,700	450,000
12	Direct Vent Gas Fireplace	119	23,800	221	1,000	1,909	44,200	200,000
13	Smart Thermostat (appliance)	913	45,650	2,277	15,000	15,666	113,850	750,000
14	Boiler Reset Control (appliance)	1	100	3	5	13	300	500
15	Combined Space and Hot Water (appliance)	8	6,000	20	24	304	15,000	18,000
16	Smart Water Heater Controller (appliance)	3	150	3	200	6	150	10,000
17	95% Efficient Furnace	1	300	44	500	310	13,200	150,000
18	95% Efficient Furnace with ECM	16	5,600	2	-	14	700	-
19	98% Efficient Furnace with ECM	1	350	1	5	8	350	1,750
20	Gas Water Heater - Tier 2	-	-	1	5	2	100	500
21	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750
22	Hybrid Gas Water Heater	11	3,850	20	-	86	7,000	-
23	Boilers Tier 1	-	-	1	1	10	400	400
24	Boilers Tier 2	-	-	-	1	-	-	600
25	Direct Vent Gas Fireplace	-	-	-	5	-	-	1,000
26	Smart Thermostat (existing multifamily)	1	50	1	50	3	50	2,500
27	Tankless Gas Water Heater (tier 2)	-	-	(12)	1	(58)	(3,600)	300
28	Administrative & Overheads	N/A	171,069	N/A	N/A	N/A	346,943	1,003,229
29	Total	3,463	\$ 988,619	7,332	30,587	61,220	\$ 2,041,093	\$ 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 June 30, 2020

Line #	Program	2nd Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	HERS Index 62 or lower (builder)	340	\$ 34,000	686	-	2,854	\$ 68,600	\$ -
2	HERS Index 55 or lower (builder)	592	118,400	1,119	-	9,310	223,800	-
3	HERS Index 48 or lower (builder)	92	27,600	136	-	1,697	40,800	-
4	Pay for Performance (builder)	-	-	-	2,400	-	0	1,440,000
5	Energy Star 3.0 Bonus (builder)	231	11,550	503	600	9,167	25,150	390,000
6	DOE Zero Energy Ready Bonus (builder)	-	-	-	50	-	0	35,000
7	95% Efficient Furnace	1,932	345,600	3,781	4,000	30,641	729,376	1,200,000
8	95% Efficient Furnace with ECM	1,126	363,667	1,784	-	14,458	564,649	-
9	98% Efficient Furnace with ECM	22	2,175	27	40	262	3,375	14,000
10	.67 EF Storage Water Heater	316	31,600	641	1,000	1,467	64,100	100,000
11	Tankless Water Heater Tier 2	492	147,600	845	750	7,233	253,600	225,000
12	Condensing Gas Water Heater	1	350	11	65	76	3,850	22,750
13	Hybrid Gas Water Heater	-	-	1	1	7	350	350
14	Gas Boiler Rebates Paid - Tier 1	1	400	2	10	14	800	4,000
15	Gas Boiler Rebates Paid - Tier 2	4	2,400	6	60	77	3,600	36,000
16	Solar Assisted Water Heater - domestic	-	-	-	1	-	-	750
17	Solar Assisted Water Heater - pool	-	-	-	1	-	-	750
18	2X6 R-23 Walls	850	90,450	1,736	2,000	7,500	200,049	300,000
19	R-5 Window	6	4,262	75	30	63	6,793	25,000
20	Smart Thermostat (builder)	117	5,850	208	600	716	10,400	30,000
21	Combined Space and Hot Water (builder)	-	-	1	3	15	750	2,250
22	Smart Water Heater Controller (builder)	-	-	-	5	-	-	250
23	HERS Index 62 or lower - MF	207	10,350	280	-	515	14,000	-
24	HERS Index 55 or lower - MF	603	60,300	732	-	2,694	73,200	-
25	HERS Index 48 or lower - MF	479	71,850	697	-	3,847	104,550	-
26	Pay for Performance - MF	342	168,604	445	1,500	3,560	235,512	450,000
27	Energy Star 3.0 Bonus - MF	281	7,025	502	600	4,470	12,550	195,000
28	DOE Zero Energy Ready Bonus - MF	-	-	-	30	-	0	10,500
29	95% Efficient Furnace - MF	931	279,300	1,868	1,500	11,357	560,400	450,000
30	95% Efficient Furnace with ECM - MF	532	186,200	570	-	3,466	199,500	-
31	98% Efficient Furnace - MF	-	-	-	25	-	-	8,750
32	.67 EF Storage Water Heater - MF	116	11,600	367	1,700	408	36,700	170,000
33	Tankless Water Heater Tier 2 - MF	266	79,800	389	600	2,101	116,700	180,000
34	Condensing Gas Water Heater - MF	781	273,350	873	-	3,771	305,550	-
35	Hybrid Gas Water Heater - MF	-	-	-	5	-	-	1,750
36	Boilers Tier 1 - MF	-	-	-	5	-	-	2,000
37	Boilers Tier 2 - MF	-	-	-	12	-	-	7,200
38	Solar Assisted Water Heater - domestic MF	-	-	-	5	-	-	3,750
39	Solar Assisted Water Heater - pool MF	-	-	-	5	-	-	3,750
40	R-5 Window	-	-	-	5	-	-	13
41	Smart Thermostat (new multifamily)	9	450	37	800	50	1,850	40,000
42	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
43	Energy Star Highrise (new multifamily)	-	-	8	-	7	200	-
44	Administrative & Overheads	N/A	106,256	N/A	N/A	N/A	211,444	470,000
45	Total	10,669	\$ 2,440,989	18,330	18,423	121,804	\$ 4,072,199	\$ 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 June 30, 2020

Line #	Program	2nd Quarter 2020		Total 2020				
		Actual		Actual	Estimated	Dth	Actual	Budget
		Participants	Costs	Participants	Participants	Savings*	Costs	
1	Business Custom	11	\$ 91,279	29	20	24,301	\$ 111,025	\$ 280,000
2	95% Efficient Furnace	251	75,300	314	700	2,957	94,200	210,000
3	95% Efficient Furnace with ECM	39	13,650	50	-	471	17,500	-
4	98% Efficient Furnace	-	-	-	50	-	-	17,500
5	Gas Storage Water Heater >75kBTU	29	9,539	40	160	1,762	15,191	91,000
6	High Efficiency Gas Water Heater - Tankless <200kBTU	15	7,744	19	50	653	9,336	20,000
7	High Efficiency Gas Water Heater - Tankless >200kBTU	3	2,300	16	20	1,148	16,399	20,400
8	High Efficiency Gas Water Heater - Tankless >200kBTU	4	16,200	4	20	1,350	16,200	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 NEW 2019	3	300	3	25	47	300	2,500
15	Boiler Tune-up Tier 2 NEW 2019	-	-	-	10	-	-	2,000
16	Boiler Tune-up Tier 3 NEW 2019	-	-	-	40	-	-	12,000
17	Low Flow Pre-rinse Spray Valve	-	-	-	250	-	-	8,000
18	Smart Thermostat (business) NEW 2017	111	7,736	234	500	1,493	18,656	35,000
19	Direct Contact Water Heater	-	-	-	1	-	-	298
20	Direct Fired Heater	-	-	3	5	651	5,899	6,000
21	High Efficiency Boiler Hot Water Tier 1	-	-	2	-	86	1,196	-
22	Boiler Hot Water < 300,000 Btu/h (business)	1	398	1	25	21	398	100,000
23	Boiler Hot Water ≥ 300,000 < 2,500,000 (business)	5	66,297	5	40	2,611	66,297	162,500
24	High Efficiency Boiler Hot Water Tier 2	22	133,406	42	-	11,480	233,181	-
25	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	3	14,875	3	15	830	14,875	65,625
26	Boiler Hot Water ≥ 2,500,000 Btu/h (business) NEW 2020	-	-	-	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) NEW 20	-	-	-	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	41	13,850	43	5	507	14,350	1,250
32	Gas Unit Heater Condensing	-	-	-	10	-	-	16,200
33	Green Certified New Buildings	1	2,983	1	5	334	2,983	25,000
34	Infrared Heating System	51	21,825	58	250	2,035	26,425	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	1	1,000	6	20	193	6,000	20,000
39	High Efficiency Gas Combo Oven (Used)	-	-	-	1	-	-	500
40	Energy Star Gas Commercial Fryer	-	-	6	20	194	3,000	15,000
41	Energy Star Gas Commercial Fryer (Used)	-	-	-	1	-	-	375
42	High Efficiency Gas Convection Oven NEW 2019	6	3,000	28	25	788	14,000	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	10	71	1,000	10,000
47	Energy Star Gas Steam Cooker (Used)	-	-	-	1	-	-	500
48	Attic Insulation (retrofit) NEW 2018	5	5,201	9	25	502	21,826	28,000
49	Wall Insulation (retrofit)	2	503	3	10	29	1,211	12,000
50	Demand Control Ventilation Systems	3	6,501	3	10	707	6,501	16,000
51	Demand Control Ventilation Systems (DCV) Packaged (no BMS)	27	92,000	53	40	8,312	152,800	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	71	15,100	97	275	706	25,206	27,500
62	Administrative & Overheads	N/A	393,494	N/A	N/A	N/A	927,005	1,139,000
63	Total	705	\$ 994,480	1,080	2,778	65,308	\$ 1,841,281	\$ 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 June 30, 2020

Line #	Program	2nd 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	337	\$ -	849	5,092	2,240	12,069	\$ 13,413	\$ 41,812
3	Administrative & Overheads	N/A	76,738	N/A	N/A	N/A	N/A	171,497	533,000
4	Total	337	\$ 76,738	849	5,092	2,240	12,069	\$ 184,910	\$ 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 June 30, 2020

Line #	Program	2nd 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	2,409	\$ 465,110	6,108	13,200	19,978	\$ 1,177,963	\$ 1,683,000
2	Attic Insulation Tier 2	890	64,475	2,212	5,300	2,285	153,822	293,090
3	Floor Insulation	17	3,278	37	185	174	6,390	14,356
4	Wall Insulation	117	28,905	265	780	1,002	70,912	119,340
5	R-5 Windows	264	116,115	1,699	1,500	3,824	171,187	693,750
6	Duct Sealing & Insulation	3	914	20	400	163	6,170	120,960
7	Air Sealing	1,977	926,968	4,824	9,400	29,238	2,212,097	3,929,200
8	Pipe Insulation (weatherization)	-	-	-	100	-	-	250
9	ICAST pilot	278	55,125	2,086	1,000	26,075	351,092	450,000
10	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	7	648	7	24	11	648	2,760
11	Attic Insulation (multifamily) Tier 2	3	136	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
20	Administrative & Overheads	N/A	206,798	N/A	N/A	N/A	444,174	670,000
21	Total	5,965	\$ 1,868,472	17,261	31,943	82,753	\$ 4,594,592	\$ 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 June 30, 2020

Line #	Program	2nd Quarter 2020		Total 2020			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 328,177	N/A	N/A	\$ 722,537	\$ 1,320,000

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

Line #	Program	2nd Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	133,300	\$ 125,535	133,300	266,600	161,293	\$ 407,193	\$ 570,000

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

Line #	Program	2nd Quarter 2020		Total 2020				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	16	\$ 4,800	47	300	553	\$ 14,100	\$ 90,000
2	95% Efficient Furnace with ECM	0	0	22	-	259	7,700	-
3	98% Efficient Furnace with ECM	1	350	3	4	42	1,100	1,400
4	Gas Water Heater - Tier 2	0	0	3	38	12	300	3,800
5	Water Heater - Storage Condensing (Energy Star)	0	0	1		9	350	
6	Water Heater - Hybrid	0	0	4		35	1,400	
7	Attic Insulation - Tier 1	14	2,185	98	220	348	16,396	67,760
8	Attic Insulation Tier 2	6	75	41	120	12	628	9,240
9	Floor Insulation	-	-	6	48	9	277	10,224
10	Wall Insulation	-	-	27	40	85	4,839	11,802
11	Duct Sealing & Insulation	-	-	-	50	-	-	20,962
12	Air Sealing	11	4,069	83	280	611	33,453	81,050
13	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	5	-	-	1,750
14	Smart Thermostat (low income)	7	350	77	800	662	3,850	40,000
15	Low Income Furnace Replacement	-	-	-	600	-	250,000	500,000
16	Administrative & Overheads	N/A	2,797	N/A	N/A	N/A	5,646	29,283
17	Total	55	\$ 14,627	412	2,505	2,637	\$ 340,038	\$ 867,270