

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 27, 2019

Subject: Docket No. 19-057-07 and 18-057-20

Dear Chris:

Attached please find copies of the Energy Efficiency Report for the second quarter ending June 30, 2019. 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,

A handwritten signature in black ink, appearing to read "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, 2019**

Line #	Program	2nd Quarter 2019		Total 2019					
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
		Participants	Costs						
1	ThermWise Appliance Rebates	3,692	\$ 1,049,724	9,598	28,495	77,081	\$ 2,350,133	\$ 5,914,668	
2	ThermWise Builder Rebates	8,216	1,849,367	13,989	17,495	77,581	2,331,944	4,748,713	
3	ThermWise Business Rebates	386	328,478	1,080	1,911	43,944	905,136	3,619,448	
4	ThermWise Home Energy Plan	543	120,721	1,207	2,800	16,795	203,707	685,265	
5	ThermWise Weatherization Rebates	6,237	1,914,964	13,639	36,370	66,029	4,061,008	7,781,388	
6	Market Transformation	N/A	324,936	N/A	N/A	N/A	771,489	1,320,000	
7	ThermWise Energy Comparison Report	56,100	73,602	112,200	224,400	181,764	279,634	570,000	
8	Low Income Efficiency Program	179	46,983	457	2,425	2,527	359,956	868,950	
9	Programs Total **	19,253	\$ 5,708,775	39,970	89,496	465,720	\$ 11,263,007	\$ 25,508,431	
10	DSM Interest	N/A	(21,878)	N/A	N/A	N/A	(50,583)	N/A	
11	DSM Amortization	N/A	(3,968,347)	N/A	N/A	N/A	(16,413,795)	N/A	
12	DSM Accruals ***	N/A	82,177	N/A	N/A	N/A	803,676.67	N/A	
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A	
14	2019 TOTAL	19,253	\$ 1,800,726	39,970	89,496	465,720	\$ (4,397,695)	\$ 25,508,431	

*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, 2019

Line#	Program	2nd Quarter 2019			Total 2019					Budget
		Actual		Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs		
		Participants	Costs							
1	92% Efficient Furnace	4	\$ 800	13	-	101	\$ 2,600	\$ -	-	-
2	95% Efficient Furnace	491	147,300	1,228	6,300	11,563	368,400	1,890,000	1,890,000	1,890,000
3	95% Efficient Furnace with ECM	1,044	365,400	2,484	2,700	23,389	869,400	945,000	945,000	945,000
4	98% Efficient Furnace with ECM	167	66,800	385	600	4,266	154,000	240,000	240,000	240,000
5	Gas Water Heater - Tier 2	180	18,000	412	700	943	41,200	70,000	70,000	70,000
6	Condensing Gas Water Heater	36	12,600	66	110	458	23,100	38,500	38,500	38,500
7	Hybrid Gas Water Heater	7	2,450	15	30	104	5,250	10,500	10,500	10,500
8	Boilers Tier 1	5	2,000	9	8	135	3,600	3,200	3,200	3,200
9	Boilers Tier 2	20	12,000	48	180	968	28,800	108,000	108,000	108,000
10	Solar Assisted Water Heater (domestic)	-	-	1	7	14	750	5,250	5,250	5,250
11	Solar Assisted Water Heater (pool)	1	750	1	10	55	750	7,500	7,500	7,500
12	Tankless Gas Water Heater (tier 2)	309	95,150	614	850	4,603	198,450	255,000	255,000	255,000
13	Direct Vent Gas Fireplace	163	32,600	421	600	3,637	84,200	120,000	120,000	120,000
14	Smart Thermostat (appliance)	1,186	59,450	3,811	15,000	26,220	190,750	750,000	750,000	750,000
15	Boiler Reset Control (appliance)	-	-	2	5	9	200	500	500	500
16	Combined Space and Hot Water (appliance)	3	2,250	10	-	152	7,500	-	-	-
17	95% Efficient Furnace	55	16,500	56	1,000	394	16,800	300,000	300,000	300,000
18	95% Efficient Furnace with ECM	-	-	-	100	-	-	35,000	35,000	35,000
19	98% Efficient Furnace with ECM	-	-	-	5	-	-	2,000	2,000	2,000
20	Gas Water Heater - Tier 2	2	200	2	-	5	200	-	-	-
21	Gas Water Heater - Tier 2	-	-	-	80	-	-	8,000	8,000	8,000
22	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750	750	750
23	Condensing Gas Water Heater	2	700	2	-	9	700	-	-	-
24	Boilers Tier 1	-	-	-	1	-	-	400	400	400
25	Boilers Tier 2	-	-	-	1	-	-	600	600	600
26	Direct Vent Gas Fireplace	-	-	1	1	3	200	200	200	200
27	Smart Thermostat (existing multifamily)	17	850	17	200	54	850	10,000	10,000	10,000
28	Combined Space and Hot Water (existing r	-	-	-	5	-	-	3,750	3,750	3,750
29	Tankless Gas Water Heater (tier 2)	-	-	-	1	-	-	300	300	300
30	Administrative & Overheads	N/A	213,924	N/A	N/A	N/A	352,433	1,110,218	1,110,218	1,110,218
31	Total	3,692	\$ 1,049,724	9,598	28,495	77,081	\$ 2,350,133	\$ 5,914,668	\$ 5,914,668	\$ 5,914,668

*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, 2019

Line #	Program	2nd Quarter 2019			Total 2019				
		Actual		Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs						
1	HERS Index 62 or lower (builder)	235	\$ 23,500	557	1,600	2,317	\$ 55,700	\$ 160,000	
2	HERS Index 55 or lower (builder)	343	68,600	545	600	4,534	109,000	120,000	
3	HERS Index 48 or lower (builder)	11	3,300	29	10	362	8,700	3,000	
4	Energy Star 3.0 Bonus (builder)	100	5,000	284	600	632	14,200	30,000	
5	92% Efficient Furnace	89	17,800	98	-	635	19,600	-	
6	95% Efficient Furnace	1,878	566,350	4,065	8,500	32,995	1,222,550	2,550,000	
7	95% Efficient Furnace with ECM	475	166,350	726	1,000	5,885	254,200	350,000	
8	98% Efficient Furnace with ECM	13	5,200	16	20	156	6,400	8,000	
9	.67 EF Storage Water Heater	349	34,900	683	515	1,563	68,300	51,500	
10	Tankless Water Heater Tier 2	197	68,700	301	110	2,577	105,100	33,000	
11	Condensing Gas Water Heater	15	5,250	27	10	187	9,450	3,500	
12	Hybrid Gas Water Heater	-	-	-	5	-	-	1,750	
13	Gas Boiler Rebates Paid - Tier 1	2	800	2	9	14	800	3,600	
14	Gas Boiler Rebates Paid - Tier 2	19	11,400	25	33	322	15,000	19,800	
15	Solar Assisted Water Heater - domestic	-	-	-	5	-	-	3,750	
16	Solar Assisted Water Heater - pool	-	-	-	5	-	-	3,750	
17	2X6 R-23 Walls	540	81,000	1,545	1,200	6,674	231,750	180,000	
18	R-5 Window	11	10,322	11	200	96	10,322	500	
19	Smart Thermostat (builder)	190	9,500	246	450	846	12,400	22,500	
20	Combined Space and Hot Water (builder)	1	750	1	5	15	750	3,750	
21	HERS Index 62 or lower - MF	543	27,150	778	10	1,432	38,900	500	
22	HERS Index 55 or lower - MF	474	47,400	483	-	1,777	48,300	-	
23	HERS Index 48 or lower - MF	88	13,200	90	-	497	13,500	-	
24	Energy Star 3.0 Bonus - MF	354	8,850	354	-	320	8,850	-	
25	92% Efficient Furnace - MF	23	4,600	23	-	112	4,600	-	
26	95% Efficient Furnace - MF	1,302	390,650	1,805	1,500	10,739	554,850	450,000	
27	95% Efficient Furnace with ECM - MF	22	7,700	32	33	195	11,200	11,500	
28	98% Efficient Furnace with ECM - MF	7	2,800	9	5	66	3,600	2,000	
29	.67 EF Storage Water Heater - MF	666	66,600	696	715	774	69,600	71,500	
30	Tankless Water Heater Tier 2 - MF	248	86,800	258	5	1,393	90,300	1,500	
31	Hybrid Gas Water Heater - MF	-	-	-	5	-	-	1,750	
32	Boilers Tier 1 - MF	-	-	-	5	-	-	2,000	
33	Boilers Tier 2 - MF	5	3,000	5	5	64	3,000	3,000	
34	Solar Assisted Water Heater - domestic MF	-	-	-	5	-	-	3,750	
35	Solar Assisted Water Heater - pool MF	-	-	-	5	-	-	3,760	
36	R-5 Window	-	-	-	5	-	-	13	
37	Smart Thermostat (new multifamily)	16	800	295	5	401	27,950	250	
38	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250	
39	Energy Star Highrise (new multifamily)	-	-	-	300	-	-	7,500	
40	Incentive Accrual	-	-	-	-	-	-	-	
41	Administrative & Overheads	N/A	111,094	N/A	N/A	N/A	(885,000)	630,000	
42	Total	8,216	\$ 1,849,367	13,989	17,495	77,581	\$ 2,331,944	\$ 4,748,713	

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

ThermWise Business Rebates Program - Utah Programs
As of June 30, 2019

Line #	Program	2nd Quarter 2019 Actual		Total 2019				Budget
		Participants	Costs	Actual Participants	Estimated Participants	Savings*	Dth	
1	Business Custom	26	\$ 62,438	26	20	\$ 6,353	\$ 80,000	
2	95% Efficient Furnace	93	27,900	305	500	2,872	150,000	
3	95% Efficient Furnace with ECM	63	18,550	96	200	904	70,000	
4	98% Efficient Furnace with ECM NEW 2018	11	4,400	12	10	133	4,000	
5	Gas Storage Water Heater - Tier 2 <75kBTU .67	-	-	3	5	7	500	
6	Gas Storage Water Heater >75kBTU	-	-	-	50	-	30,000	
7	Gas Storage Water Heater >75kBTU	15	2,953	74	-	6,402	55,191	
8	High Efficiency Gas Water Heater - Tankless <200kBTU	1	400	15	5	790	11,200	
9	High Efficiency Gas Water Heater - Tankless >200kBTU	5	1,876	9	25	301	4,274	
10	Condensing Gas Water Heater	-	-	1	3	8	350	
11	Hybrid Gas Water Heater	1	350	1	5	8	350	
12	Combined Space / Water Heater (business)	-	-	-	5	-	2,250	
13	Commercial Clothes Washer	-	-	3	1	6	225	
14	Boiler Reset Control	2	500	2	30	119	500	
15	Boiler Tune-up Tier 1	-	-	-	25	-	2,500	
16	Boiler Tune-up Tier 2	3	600	3	25	117	600	
17	Boiler Tune-up Tier 3	2	500	17	50	1,130	4,250	
18	Low Flow Pre-rinse Spray Valve	-	-	-	25	-	800	
19	Smart Thermostat (business)	27	2,502	153	200	1,046	14,000	
20	Direct Contact Water Heater	-	-	-	1	-	298	
21	Direct Fired Heater	-	-	-	75	-	90,000	
22	High Efficiency Boiler Hot Water Tier 1	-	-	7	25	1,202	16,736	
23	High Efficiency Boiler Hot Water Tier 2	5	18,850	41	75	10,455	212,375	
24	Boiler Hot Water ≥ 2,500,000 Btu/yr (business)	-	-	-	115	-	-	
25	High Efficiency Boiler Steam Tier 1	-	-	-	1	-	4,140	
26	High Efficiency Boiler Steam Tier 2	4	35,712	4	-	4,857	35,712	
27	Boiler Steam (Except Natural Draft) ≥ 300,000 Btu/yr (business) NEW 2	-	-	-	2	-	21,612	
28	Boiler Steam (Natural Draft) ≥ 300,000 Btu/yr (business)	-	-	4	10	982	20,456	
29	Gas Unit Heater Non-Condensing	-	-	-	10	-	2,500	
30	Gas Unit Heater Condensing	-	-	-	50	-	37,500	
31	Infrared Heating System	-	-	13	40	950	16,200	
32	Modulating Infrared Heaters (NC or Replacing Non-IR) (business)	-	-	-	77	934	33,350	
33	Modulating Infrared Heaters (Replacing Non-IR) (business)	45	16,675	-	1	-	1,675	
34	Condensing RTU's (business)	-	-	11	8	355	8,000	
35	High Efficiency Gas Combo Oven	1	1,000	-	8	-	4,000	
36	High Efficiency Gas Combo Oven (Used)	-	-	-	8	-	-	
37	Energy Star Gas Commercial Fryer	2	1,000	13	25	420	6,500	
38	Energy Star Gas Commercial Fryer (Used)	-	-	-	15	-	5,625	
39	High Efficiency Gas Convection Oven	6	3,000	18	25	233	9,000	
40	High Efficiency Gas Convection Oven (Used)	-	-	-	15	-	5,625	
41	High Efficiency Gas Griddle	1	300	1	5	12	1,500	
42	High Efficiency Gas Griddle (Used)	-	-	-	5	-	750	
43	Energy Star Gas Steam Cooker	-	-	2	2	141	2,000	
44	Energy Star Gas Steam Cooker (Used)	-	-	-	2	-	1,000	
45	Attic Insulation (retrofit) NEW 2018	4	1,128	4	50	26	1,128	
46	Wall Insulation (retrofit)	-	-	-	5	-	6,000	
47	Demand Control Ventilation Systems	2	13,786	3	50	541	19,886	
48	Demand Control Ventilation Systems (DCV) Packaged (no BMS)	21	8,400	106	5	2,307	42,400	
49	Pipe Insulation (Hot Water)	-	-	-	10	-	750	
50	Pipe Insulation (Steam)	-	-	-	5	-	1,000	
51	High Efficiency Charbroiler	-	-	-	5	-	5,000	
52	High Efficiency Charbroiler (Used)	-	-	-	5	-	2,500	
53	Conveyor Oven	-	-	-	2	-	2,000	
54	Conveyor Oven (Used)	-	-	-	2	-	1,000	
55	Gas Dryer Moisture Sensor	-	-	-	1	-	25	
56	Modulating Gas Dryer	-	-	-	1	-	75	
57	Solar Assisted Water Heater-Pool-Business	56	3,738	56	40	272	3,738	
58	Prescriptive ERY	N/A	101,920	N/A	N/A	N/A	191,700	
59	Administrative & Overheads	366	\$ 328,478	1,080	1,911	43,944	\$ 905,136	
60	Total	366	\$ 328,478	1,080	1,911	43,944	\$ 3,619,448	

*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, 2019

Line #	Program	2nd Quarter 2019		Total 2019					
		Actual		Plans / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants**	Costs						
1	THERMWISE HOME ENERGY PLAN	543	\$ 7,083	1,207	6,545	2,800	16,795	\$ 10,394	\$ 52,265
2	Efficiency Measures	N/A	113,638	N/A	N/A	N/A	N/A	193,314	633,000
3	Administrative & Overheads								
4	Total	543	\$ 120,721	1,207	6,545	2,800	16,795	\$ 203,707	\$ 685,265

*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, 2019

Line #	Program	2nd Quarter 2019		Total 2019					
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
		Participants	Costs						
1	Attic Insulation Tier 1 - .25 per sq. ft	2,206	\$ 414,205	5,480	9,000	17,381	\$ 1,024,820	\$ 3,150,000	
2	Attic Insulation Tier 2	898	62,437	2,208	2,500	2,050	138,012	245,000	
3	Floor Insulation	34	8,622	76	200	422	15,533	32,800	
4	Wall Insulation	156	45,625	317	600	1,291	91,337	154,800	
5	R-5 Windows	295	129,054	622	12,000	6,410	286,960	450,000	
6	Duct Sealing & Insulation	109	28,036	168	800	1,812	46,715	335,385	
7	Air Sealing	1,652	724,864	3,881	2,000	27,931	1,745,682	861,840	
8	Pipe Insulation (weatherization)	-	-	-	800	-	-	2,000	
9	iCAST pilot	870	200,272	870	1,000	8,700	200,272	450,000	
10	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	10	712	10	4,000	12	712	989,355	
11	Attic Insulation (multifamily) Tier 2	5	199	5	2,200	3	199	148,672	
12	Floor Insulation (multifamily)	-	-	-	20	-	-	364	
13	Wall Insulation (multifamily)	-	-	-	10	-	-	1,020	
14	R-5 Windows (multifamily)	2	748	2	40	17	748	1,500	
15	Duct Sealing & Insulation (multifamily)	-	-	-	1,200	-	-	208,663	
16	Administrative & Overheads	N/A	300,191	N/A	N/A	N/A	510,019	750,000	
17	Total	6,237	\$ 1,914,964	13,639	36,370	66,029	\$ 4,061,008	\$ 7,781,388	

*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, 2019

Line #	Program	2nd Quarter 2019		Total 2019			Budget
		Participants	Actual Costs	Actual Participants	Estimated Participants	Actual Costs	
1	Market Transformation Total	N/A	\$ 324,936	N/A	N/A	\$ 771,489	\$ 1,320,000

Dominion Energy
ThermWise Energy Comparison Report - Utah Programs
As of June 30, 2019

Line #	Program	2nd Quarter 2019		Total 2019				
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
1	Energy Comparison Report Total	56,100	\$ 73,602	112,200	224,400	181,764	\$ 279,634	\$ 570,000

Dominion Energy
 Low Income Efficiency Program - Utah Programs
 As of June 30, 2019

Line #	Program	2nd Quarter 2019			Total 2019					
		Actual		Costs	Actual Participants	Estimated Participants	Savings	Dth	Actual Costs	Budget
		Participants	Costs							
1	95% Efficient Furnace	21	\$ 6,300	26	300	306	\$	7,800	\$ 90,000	
2	95% Efficient Furnace with ECM	16	5,600	49	20	577		17,150	7,000	
3	98% Efficient Furnace with ECM	-	-	1	4	14		400	1,600	
4	Gas Water Heater - Tier 2	2	200	7	38	28		700	3,800	
5	Attic Insulation - Tier 1	50	9,383	138	220	486		22,931	67,760	
6	Attic Insulation Tier 2	21	330	65	120	19		1,008	9,240	
7	Floor Insulation	3	305	9	48	33		958	10,224	
8	Wall Insulation	19	2,405	46	40	141		7,985	11,802	
9	Duct Sealing & Insulation	-	-	-	50	-		-	20,962	
10	Air Sealing NEW 2019	47	19,104	113	280	899		44,942	81,050	
11	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	5	-		-	1,750	
12	Smart Thermostat (low income)	-	-	3	700	26		150	35,000	
13	Low Income Furnace Replacement	-	-	-	600	-		250,000	500,000	
14	Administrative & Overheads	N/A	3,356	N/A	N/A	N/A		5,934	28,763	
15	Total	179	\$ 46,983	457	2,425	2,527	\$	359,956	\$ 868,950	