

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

November 15, 2021

*Subject: Docket No. 20-057-20 and 21-057-02*

Dear Chris:

Attached please find copies of the Energy Efficiency Report for the third quarter ending September 30, 2021. 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, 2021**

Line #	Program	3rd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	ThermWise Appliance Rebates	2,744	\$ 1,008,610	9,602	16,846	89,479	\$ 3,165,245	\$ 4,855,850
2	ThermWise Builder Rebates	3,932	2,159,965	13,572	21,625	123,837	6,214,478	7,792,260
3	ThermWise Business Rebates	231	666,156	685	2,768	45,374	1,914,745	3,435,818
4	ThermWise Home Energy Plan	410	67,540	1,357	2,240	18,562	283,084	498,467
5	ThermWise Weatherization Rebates	3,296	1,313,432	16,018	30,243	90,158	5,843,496	7,812,879
6	Market Transformation	N/A	63,745	N/A	N/A	N/A	856,305	1,320,000
7	ThermWise Energy Comparison Report	169,500	201,992	169,500	226,000	213,570	376,848	530,000
8	Low Income Efficiency Program	145	32,120	540	1,820	3,431	616,438	812,365
9	DSM Accruals **	N/A	268,175	N/A	N/A	N/A	492,593	N/A
10	<b>Programs Total ***</b>	<b>10,758</b>	<b>\$ 5,781,737</b>	<b>41,774</b>	<b>75,542</b>	<b>584,412</b>	<b>\$ 19,763,233</b>	<b>\$ 27,057,639</b>
11	DSM Interest	N/A	22,919	N/A	N/A	N/A	(4,620)	N/A
12	DSM Amortization	N/A	(1,448,509)	N/A	N/A	N/A	(14,688,836)	N/A
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A
14	<b>2021 TOTAL</b>	<b>10,758</b>	<b>\$ 4,356,146</b>	<b>41,774</b>	<b>75,542</b>	<b>584,412</b>	<b>\$ 5,069,778</b>	<b>\$ 27,057,639</b>

\*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 September 30, 2021**

Line#	Program	3rd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	1,092	\$ 327,600	3,953	8,000	37,221	\$ 1,185,900	\$ 2,400,000
2	98% Efficient	90	31,500	416	900	4,609	145,600	315,000
3	Gas Water Heater - Tier 2	125	12,500	286	1,100	654	28,600	110,000
4	Condensing Gas Water Heater	-	-	11	80	76	3,850	28,000
5	Hybrid Gas Water Heater	2	700	5	40	35	1,750	14,000
6	Boilers Tier 1	-	-	4	12	60	1,600	4,800
7	Boilers Tier 2	17	10,200	130	150	2,621	78,000	90,000
8	Solar Assisted Water Heater (domestic)	-	-	-	4	-	-	3,000
9	Solar Assisted Water Heater (pool)	1	750	2	4	110	1,500	3,000
10	Tankless Gas Water Heater (tier 2)	358	107,400	1,418	1,500	10,629	425,400	450,000
11	Direct Vent Gas Fireplace	36	7,200	199	450	1,719	39,800	90,000
12	Smart Thermostat (appliance)	606	30,300	2,241	4,000	15,418	112,050	200,000
13	Boiler Reset Control (appliance)	-	-	2	5	9	200	500
14	Combined Space and Hot Water (appliance)	3	2,250	16	30	243	12,000	22,500
15	Smart Water Heater Controller (appliance)	2	100	9	50	18	450	2,500
16	Dual Fuel Heating System (appliance)	412	329,600	720	200	14,976	576,000	160,000
17	Energy Recovery Ventilator (appliance)	-	-	2	100	17	600	30,000
18	95% Efficient Furnace	-	-	61	150	429	18,300	45,000
19	98% Efficient Furnace with ECM	-	-	21	4	175	7,350	1,400
20	Gas Water Heater - Tier 2	-	-	-	4	-	-	400
21	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750
22	Condensing Gas Water Heater	-	-	105	-	454	36,750	-
23	Boilers Tier 1	-	-	-	1	-	-	400
24	Boilers Tier 2	-	-	-	1	-	-	600
25	Direct Vent Gas Fireplace	-	-	-	4	-	-	800
26	Smart Thermostat (existing multifamily)	-	-	-	50	-	-	2,500
27	Dual Fuel Heating System (existing multifamily)	-	-	-	4	-	-	1,800
28	Energy Recovery Ventilator (existing multifamily)	-	-	-	1	-	-	150
29	Tankless Gas Water Heater (tier 2)	-	-	1	1	5	300	300
30	Administrative & Overheads	N/A	148,510	N/A	N/A	N/A	489,245	878,450
31	<b>Total</b>	<b>2,744</b>	<b>\$ 1,008,610</b>	<b>9,602</b>	<b>16,846</b>	<b>89,479</b>	<b>\$ 3,165,245</b>	<b>\$ 4,855,850</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 September 30, 2021**

Line #	Program	3rd Quarter 2021		Total 2021				
		Actual		Actual	Estimated	Dth	Actual	Budget
		Participants	Costs	Participants	Participants	Savings*	Costs	
1	Pay for Performance (builder)	1,342	\$ 1,207,015	4,421	3,000	70,736	\$ 3,339,761	\$ 2,100,000
2	Energy Star 3.0 Bonus (builder)	116	5,800	428	800	952	21,400	580,000
3	DOE Zero Energy Ready Bonus (builder)	-	-	-	100	-	-	87,500
4	95% Efficient Furnace	515	154,500	1,286	4,200	10,422	381,100	1,260,000
5	98% Efficient Furnace	5	1,750	416	40	4,044	145,600	14,000
6	.67 EF Storage Water Heater	27	2,700	50	1,800	114	5,000	180,000
7	Tankless Water Heater Tier 2	49	14,700	154	1,500	1,318	46,200	450,000
8	Condensing Gas Water Heater	1	350	1	65	7	350	22,750
9	Hybrid Gas Water Heater	-	-	-	1	-	-	350
10	Gas Boiler - Tier 1	-	-	-	10	-	-	4,000
11	Gas Boiler - Tier 2	3	1,800	4	60	52	2,400	36,000
12	Solar Assisted Water Heater - domestic	-	-	-	1	-	-	750
13	Solar Assisted Water Heater - pool	-	-	-	1	-	-	750
14	2X6 R-23 Walls	112	16,800	285	2,000	1,231	42,750	300,000
15	R-5 Window	-	-	8	30	48	5,149	25,000
16	Smart Thermostat (builder)	102	5,100	336	600	1,156	16,800	30,000
17	Combined Space and Hot Water (builder)	-	-	-	3	-	-	2,250
18	Smart Water Heater Controller (builder)	-	-	-	4	-	-	200
19	Dual Fuel Heating System (builder)	6	4,800	6	400	139	4,800	320,000
20	Energy Recovery Ventilator (builder)	-	-	-	200	-	-	60,000
21	Pay for Performance - MF	503	329,088	1,469	1,500	11,752	858,905	600,000
22	Energy Star 3.0 Bonus - MF	82	2,050	202	600	1,799	5,050	255,000
23	DOE Zero Energy Ready Bonus - MF	20	1,000	46	30	451	2,300	15,750
24	95% Efficient Furnace - MF	668	200,400	2,187	1,500	13,297	661,850	450,000
25	98% Efficient Furnace - MF	-	-	116	25	844	40,600	8,750
26	.67 EF Storage Water Heater - MF	-23	(2,300)	935	1,700	1,040	93,500	170,000
27	Tankless Water Heater Tier 2 - MF	208	62,400	557	600	3,008	167,100	180,000
28	Condensing Gas Water Heater - MF	138	48,300	138	-	596	48,300	-
29	Hybrid Gas Water Heater - MF	39	13,650	39	4	168	13,650	1,400
30	Boilers Tier 1 - MF	-	-	-	4	-	-	1,600
31	Boilers Tier 2 - MF	-	-	-	12	-	-	7,200
32	Solar Assisted Water Heater - domestic MF	-	-	-	4	-	-	3,000
33	Solar Assisted Water Heater - pool MF	-	-	-	4	-	-	3,000
34	R-5 Window	-	-	-	4	-	-	10
35	Smart Thermostat (new multifamily)	19	950	488	800	664	24,400	40,000
36	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
37	Dual Fuel Heating System ( new multifamily)	-	-	-	4	-	-	1,800
38	Energy Recovery Ventilator (new multifamily)	-	-	-	4	-	-	600
39	Administrative & Overheads	N/A	89,112	N/A	N/A	N/A	287,513	569,350
40	<b>Total</b>	<b>3,932</b>	<b>\$ 2,159,965</b>	<b>13,572</b>	<b>21,625</b>	<b>123,837</b>	<b>\$ 6,214,478</b>	<b>\$ 7,792,260</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 September 30, 2021

Line #	Program	3rd Quarter 2021		Total 2021				
		Actual		Actual	Estimated	Dth	Actual	Budget
		Participants	Costs	Participants	Participants	Savings*	Costs	
1	Business Custom	4	\$ 3,899	13	40	3,349	\$ 22,534	\$ 560,000
2	95% Efficient Furnace	24	7,200	124	700	1,168	37,500	210,000
3	98% Efficient Furnace	-	-	1	50	11	350	17,500
4	Gas Storage Water Heater >75kBtu	21	10,117	38	160	2,163	18,643	91,000
5	High Efficiency Gas Water Heater - Tankless <200kBTU	2	800	4	50	98	1,398	20,000
6	High Efficiency Gas Water Heater - Tankless >200kBTU	1	1,500	4	30	284	4,064	30,600
7	High Efficiency Gas Water Heater - Tankless >200kBTU	3	6,300	11	20	1,888	22,653	30,600
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	-	-	1	5	5	75	375
12	Boiler Reset Control	2	500	2	5	119	500	1,250
13	Boiler Tune-up Tier 1	-	-	-	25	-	-	2,500
14	Boiler Tune-up Tier 2	-	-	-	10	-	-	2,000
15	Boiler Tune-up Tier 3	-	-	-	25	-	-	7,500
16	Low Flow Pre-rinse Spray Valve	-	-	-	25	-	-	800
17	Smart Thermostat (business)	75	3,496	215	350	1,387	17,336	24,500
18	Direct Contact Water Heater	-	-	-	1	-	-	298
19	Direct Fired Heater	3	5,089	4	5	635	5,748	6,000
20	Boiler Hot Water < 300,000 Btu/h (business)	-	-	-	10	-	-	40,000
21	Boiler Hot Water ≥ 300,000 < 2,500,000 (business)	4	37,310	21	60	5,955	151,200	243,750
22	Boiler Hot Water ≥ 300,000 < 2,500,000 95% + (business)	9	86,800	19	15	9,281	166,411	65,625
23	Boiler Hot Water ≥ 2,500,000 Btu/h (business)	2	32,435	4	10	2,160	55,185	97,500
24	Boiler Hot Water ≥ 2,500,000 Btu/h 95% + (business)	2	21,000	5	5	2,307	49,000	52,500
25	Boiler Steam <300,000 Btu/h (business)	-	-	-	1	-	-	4,140
26	Boiler Steam (Except Natural Draft) ≥ 300,000 Btu/h (business)	-	-	3	5	411	14,694	54,030
27	Boiler Steam (Natural Draft) ≥ 300,000 Btu/h (business)	-	-	1	10	137	2,860	108,060
28	Gas Unit Heater NonCondensing	14	6,875	36	40	486	13,750	10,000
29	Gas Unit Heater Condensing	-	-	1	5	35	1,560	8,100
30	Green Certified New Buildings	-	-	2	10	1,558	13,915	50,000
31	Infrared Heating System	-	-	3	150	227	2,950	112,500
32	Modulating Infrared Heaters (NC or Replacing Non-IR) (business)	-	-	-	10	-	-	10,875
33	Modulating Infrared Heaters (Replacing Non-IR) (business)	-	-	-	1	-	-	290
34	Condensing RTU's (business)	-	-	-	1	-	-	1,875
35	High Efficiency Gas Combo Oven	13	13,000	20	10	645	20,000	10,000
36	High Efficiency Gas Combo Oven (Used)	-	-	-	1	-	-	500
37	Energy Star Gas Commercial Fryer	3	1,500	24	30	776	12,000	22,500
38	Energy Star Gas Commercial Fryer (Used)	-	-	-	1	-	-	375
39	High Efficiency Gas Convection Oven	14	7,000	26	25	732	13,000	18,750
40	High Efficiency Gas Convection Oven (Used)	-	-	-	1	-	-	375
41	High Efficiency Gas Griddle	-	-	-	5	-	-	1,500
42	High Efficiency Gas Griddle (Used)	-	-	-	1	-	-	150
43	Energy Star Gas Steam Cooker	1	1,000	1	10	71	1,000	10,000
44	Energy Star Gas Steam Cooker (Used)	-	-	-	1	-	-	500
45	Attic Insulation (retrofit)	2	1,239	5	25	424	18,422	28,000
46	Wall Insulation (retrofit)	-	-	1	10	14	576	12,000
47	Demand Control Ventilation Systems (DCV) Tier 2	2	11,500	4	10	1,534	14,100	10,000
48	Demand Control Ventilation Systems (DCV) Tier 1	17	40,000	64	400	6,680	122,800	160,000
49	Pipe Insulation (Hot Water)	-	-	-	10	-	-	750
50	Pipe Insulation (Steam)	-	-	-	5	-	-	1,000
51	High Efficiency Charbroiler	1	1,000	1	5	60	1,000	5,000
52	High Efficiency Charbroiler (Used)	-	-	-	1	-	-	500
53	Conveyor Oven	-	-	-	5	-	-	5,000
54	Conveyor Oven (Used)	-	-	-	1	-	-	500
55	Gas Dryer Moisture Sensor	-	-	-	1	-	-	25
56	Modulating Gas Dryer	-	-	-	5	-	-	375
57	Solar Assisted Water Heater- Pool- Business	-	-	-	1	-	-	750
58	Dual Fuel Heating System (business)	-	-	-	10	-	-	8,000
59	Advanced rooftop controls ≥ 5 tons and ≤ 10 tons	5	25,000	9	60	244.8	31,000	30,000
60	Advanced rooftop controls > 10 tons and ≤ 15 tons	2	7,150	5	30	168	18,200	19,500
61	Advanced rooftop controls > 15 tons	3	12,000	5	10	304	16,000	8,000
62	Prescriptive ERV	2	24,180	8	250	58	32,762	25,000
63	Administrative & Overheads	N/A	298,266	N/A	N/A	N/A	1,011,559	1,189,000
64	<b>Total</b>	<b>231</b>	<b>\$ 666,156</b>	<b>685</b>	<b>2,768</b>	<b>45,374</b>	<b>\$ 1,914,745</b>	<b>\$ 3,435,818</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 September 30, 2021**

Line #	Program	3rd Quarter 2021		Total 2021					
		Actual		Plans / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants**	Costs						
1	<i>THERMWISE HOME ENERGY PLAN</i>								
2	Efficiency Measures	410	\$ 6,164	1,357	8,352	2,240	18,562	\$ 15,021	\$ 38,467
3	Administrative & Overheads	N/A	61,377	N/A	N/A	N/A	N/A	268,063	460,000
4	<b>Total</b>	<b>410</b>	<b>\$ 67,540</b>	<b>1,357</b>	<b>8,352</b>	<b>2,240</b>	<b>18,562</b>	<b>\$ 283,084</b>	<b>\$ 498,467</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 September 30, 2021**

Line #	Program	3rd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Attic Insulation Tier 1 - .25 per sq. ft	1,066	\$ 227,231	5,622	12,900	22,124	\$ 1,333,283	\$ 1,935,000
2	Attic Insulation Tier 2	425	25,947	1,790	5,300	1,747	120,590	293,090
3	Floor Insulation	6	728	39	185	186	6,854	14,356
4	Wall Insulation	62	16,872	229	780	979	69,265	119,340
5	R-5 Windows	139	68,717	440	1,500	4,863	217,730	693,750
6	Duct Sealing & Insulation	8	2,463	50	400	1,095	15,759	120,960
7	Air Sealing	1,543	798,324	5,928	9,000	35,130	3,071,673	3,933,000
8	Pipe Insulation (weatherization)	-	-	-	100	-	-	250
9	Miltifamily Whole Building Retrofit	46	7,916	1,879	-	23,487	358,629	-
10	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	-	-	20	24	36	2,151	2,760
11	Attic Insulation (multifamily) Tier 2	-	-	10	24	9	602	1,327
12	Floor Insulation (multifamily)	-	-	-	10	-	-	364
13	Wall Insulation (multifamily)	-	-	8	10	24	1,696	1,020
14	R-5 Windows (multifamily)	1	2,830	3	5	476	21,317	1,150
15	Duct Sealing & Insulation (multifamily)	-	-	-	5	-	-	1,512
16	Administrative & Overheads	N/A	162,406	N/A	N/A	N/A	623,947	695,000
17	<b>Total</b>	<b>3,296</b>	<b>\$ 1,313,432</b>	<b>16,018</b>	<b>30,243</b>	<b>90,158</b>	<b>\$ 5,843,496</b>	<b>\$ 7,812,879</b>

\*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 September 30, 2021**

Line #	Program	3rd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	Energy Comparison Report Total	169,500	\$ 201,992	169,500	226,000	213,570	\$ 376,848	\$ 530,000



**Dominion Energy**  
**Low Income Efficiency Program - Utah Programs**  
**As of September 30, 2021**

Line #	Program	3rd Quarter 2021		Total 2021				
		Actual		Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace	21	\$ 6,300	85	275	1,000	\$ 25,500	\$ 82,500
2	98% Efficient Furnace	-	-	-	4	-	-	1,400
3	Boilers Tier 2	-	-	3	-	76	1,800	-
4	Gas Water Heater - Tier 2	1	100	2	38	8	200	3,800
5	Water Heater - Storage Condensing (Energy Star)	2	700	2	-	17	700	-
6	Water Heater - Hybrid	-	-	1	-	9	350	-
7	Attic Insulation - Tier 1	33	5,220	118	210	402	18,971	64,680
8	Attic Insulation Tier 2	13	174	47	110	12	643	8,470
9	Floor Insulation	1	79	3	38	8	227	8,094
10	Wall Insulation	9	957	42	30	105	5,966	8,852
11	Duct Sealing & Insulation	1	450	2	40	32	865	16,769
12	Air Sealing	33	13,692	110	270	687	46,396	81,050
13	Tank Less Gas Water Heater - Tier 2 (low income)	-	-	-	5	-	-	1,750
14	Smart Thermostat (low income)	31	1,550	125	200	1,075	6,250	10,000
15	Low Income Furnace Replacement	-	-	-	600	-	500,000	500,000
16	Administrative & Overheads	N/A	2,898	N/A	N/A	N/A	8,570	25,000
17	<b>Total</b>	<b>145</b>	<b>\$ 32,120</b>	<b>540</b>	<b>1,820</b>	<b>3,431</b>	<b>\$ 616,438</b>	<b>\$ 812,365</b>

**Dominion Energy**  
**Market Transformation - Utah Programs**  
**As of September 30, 2021**

Line #	Program	3rd Quarter 2021		Total 2021			
		Actual		Actual Participants	Estimated Participants	Actual Costs	Budget
		Participants	Costs				
1	Market Transformation Total	N/A	\$ 63,745	N/A	N/A	\$ 856,305	\$ 1,320,000