



**Questar Gas Company**  
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UTAH PUBLIC  
SERVICE COMMISSION

2013 AUG -2 P 4: 24

**Barrie L. McKay**  
Vice President Regulatory Affairs

315782

August 1, 2013

RECEIVED

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

Dear Chris:

Docket No. 12-057-14

Attached please find a copy of the Energy Efficiency Report for the quarter ended June 30, 2013.

This report was designed and prepared based on recommendations from the DPU and Questar Gas for the purpose of providing timely information on Questar Gas' 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,

Barrie L. McKay

cc: Doug Wheelwright, DPU  
Public Service Commission  
Office of Consumer Services

Questar Gas Company  
Energy Efficiency Report - Utah Programs  
As of June 30, 2013

Line #	Program	2nd Quarter 2013		Total 2013					
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
		Participants	Costs						
1	ThermWise Appliance Rebates	4,629	\$ 1,157,116	9,836	16,859	82,720	\$ 2,641,736	\$ 5,363,360	
2	ThermWise Builder Rebates	1,721	749,123	3,889	6,491	29,442	1,476,682	2,753,002	
3	ThermWise Business Rebates	205	254,831	503	953	40,378	875,720	1,595,770	
4	ThermWise Home Energy Plan	734	164,574	1,544	2,588	15,660	304,144	852,927	
5	ThermWise Weatherization Rebates	20,339	4,548,378	45,044	58,522	153,706	8,563,564	8,192,062	
6	ThermWise Business Custom Rebates	-	50,974	6	50	4,871	226,533	823,602	
7	Market Transformation	N/A	252,329	N/A	N/A	N/A	746,581	1,991,813	
8	Low Income Weatherization	269	55,174	370	3,382	2,050	315,805	1,218,599	
9	<b>Programs Total</b>	<b>27,897</b>	<b>\$ 7,232,500</b>	<b>61,192</b>	<b>88,845</b>	<b>328,826</b>	<b>\$ 15,150,765</b>	<b>\$ 22,791,135</b>	
10	DSM Interest	-	146,403	N/A	N/A		267,480	-	
11	DSM Amortization	-	(3,560,584)	N/A	N/A		(14,302,597)	-	
12	DSM General Administration	-	-	N/A	N/A	N/A	-	-	
13	<b>Current Balance</b>	<b>27,897</b>	<b>\$ 3,818,318</b>	<b>61,192</b>	<b>88,845</b>	<b>328,826</b>	<b>\$ 1,115,649</b>	<b>\$ 22,791,135</b>	

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

**Questar Gas Company**  
**ThermWise Appliance Rebate Program - Utah Programs**  
**As of June 30, 2013**

Line#	Program	2nd Quarter 2013		Total 2013				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace (tier 3)	760	\$ 266,000	1,767	3,607	28,979	\$ 618,450	\$ 1,282,450
2	95% Efficient Furnace with ECM (tier 4)	1,051	420,400	2,261	3,479	37,080	904,400	1,391,600
3	2.6 MEF Washer	1,911	95,550	3,849	5,131	5,358	192,450	256,550
4	Gas Water Heater - Tier 1	421	21,050	870	2,508	1,190	43,500	125,400
5	Gas Water Heater - Tier 2	117	11,700	232	279	735	23,200	27,900
6	Condensing Gas Water Heater	10	3,500	25	37	184	8,750	12,950
7	Hybrid Gas Water Heater	6	2,100	12	81	98	4,200	28,350
8	Boilers Tier 1	13	5,200	31	13	464	12,400	5,200
9	Boilers Tier 2	26	15,600	48	72	968	28,800	43,200
10	Solar Assisted Water Heater (domestic)	47	35,250	104	464	1,456	78,000	348,000
11	Solar Assisted Water Heater (pool)	5	3,750	6	12	331	4,500	9,000
12	Direct Vent Gas Fireplace	51	10,200	114	250	985	22,800	50,000
13	Tankless Gas Water Heater (tier 1)	29	8,700	69	231	486	20,700	69,300
14	Tankless Gas Water Heater (tier 2)	137	47,950	246	460	1,889	86,100	161,000
15	95% Efficient Furnace (tier 3)	-	-	11	120	57	3,850	42,000
16	95% Efficient Furnace with ECM (tier 4)	-	-	5	65	26	2,000	26,000
17	90% Efficient Furnace (tier 1)	-	-	1	-	11	200	-
18	92% Efficient Furnace (tier 2)	41	12,300	181	-	2,404	54,300	-
19	2.6 MEF Washer	1	50	1	29	1	50	1,450
20	Gas Water Heater - Tier 1	-	-	-	8	-	-	400
21	Gas Water Heater - Tier 2	-	-	-	1	-	-	100
22	Boilers Tier 2	-	-	-	2	-	-	1,200
23	Solar Assisted Water Heater (domestic)	-	-	-	5	-	-	3,750
24	Solar Assisted Water Heater (pool)	-	-	-	5	-	-	3,750
25	90% Efficient Furnace (tier 1)	-	-	-	-	-	-	-
26	92% Efficient Furnace (tier 2)	2	600	2	-	9	600	-
27	Condensing Gas Water Heater	-	-	-	-	-	-	-
28	Hybrid Gas Water Heater	-	-	-	-	-	-	-
29	Boilers Tier 1	1	400	1	-	10	400	-
30	Direct Vent Gas Fireplace	-	-	-	-	-	-	-
31	Tankless Gas Water Heater (tier 1)	-	-	-	-	-	-	-
32	Tankless Gas Water Heater (tier 2)	-	-	-	-	-	-	-
33	Administrative & Overheads	N/A	196,816	N/A	N/A	N/A	592,086	1,493,810
34	<b>Total</b>	<b>4,629</b>	<b>\$ 1,157,116</b>	<b>9,836</b>	<b>16,859</b>	<b>82,720</b>	<b>\$ 2,641,736</b>	<b>\$ 5,363,360</b>

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

Questar Gas Company  
ThermiWise Builder Rebates Program - Utah Programs  
As of June 30, 2013

Line #	Program	2nd Quarter 2013		Total 2013				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Energy Star 3.0	98	\$ 29,400	139	276	3,403	\$ 41,700	248,400
2	High Performance Homes	16	8,000	42	22	1,452	21,000	25,300
3	ThermiWise Builder Option Package 1 (Builder Cert)	4	200	5	296	68	250	88,800
4	ThermiWise Builder Option Package 2 (Rater Cert)	1	100	1	291	17	100	101,850
5	95% Efficient Furnace (tier 3)	371	129,850	759	1,614	6,801	265,650	564,900
6	95% Efficient Furnace with ECM (tier 4)	108	43,200	138	106	1,236	55,200	42,400
7	Tier 1 Storage Water Heater	137	6,850	380	922	520	19,000	46,100
8	.67 EF Storage Water Heater	46	4,600	77	150	244	7,700	15,000
9	Tankless Water Heater	2	600	3	30	21	900	9,000
10	Tankless Water Heater Tier 2	29	10,150	67	30	515	23,450	10,500
11	Condensing Gas Water Heater	1	350	1	5	7	350	1,750
12	Hybrid Gas Water Heater	2	700	4	20	33	1,400	7,000
13	Gas Boiler Rebates Paid - Tier 1	2	800	4	5	39	1,600	2,000
14	Gas Boiler Rebates Paid - Tier 2	5	3,000	12	38	155	7,200	22,800
15	Solar Assisted Water Heater - domestic	2	1,500	9	35	126	6,750	26,250
16	Solar Assisted Water Heater - pool	-	-	-	5	-	-	3,750
17	2x6 Walls	244	85,400	630	450	6,451	220,500	157,500
18	R-5 Window	-	-	-	10	-	-	3,000
19	90% Efficient Furnace (tier 1)	5	1,000	27	-	179	5,400	-
20	92% Efficient Furnace (tier 2)	173	51,900	455	-	3,458	136,500	-
21	Energy Star 2.5	(131)	(32,750)	(98)	-	(2,289)	(24,500)	-
22	Energy Star 3.0 - MF	46	9,200	81	100	953	16,200	60,000
23	High Performance Homes - MF	5	1,500	40	84	662	12,000	58,800
24	ThermiWise Builder Option Package 1 - MF	-	-	-	69	-	-	20,700
25	ThermiWise Builder Option Package 2 - MF	-	-	63	69	418	6,300	24,150
26	95% Efficient Furnace (tier 3) - MF	103	36,050	173	559	900	60,550	195,650
27	95% Efficient Furnace with ECM (tier 4) - MF	8	3,200	63	28	328	25,200	11,200
28	Tier 1 Storage Water Heater - MF	26	1,300	34	500	47	1,700	25,000
29	.67 EF Storage Water Heater - MF	11	1,100	70	20	222	7,000	2,000
30	Tankless Water Heater - MF	-	-	-	5	-	-	1,500
31	Tankless Water Heater Tier 2 - MF	50	17,500	95	12	730	33,250	4,200
32	Condensing Gas Water Heater - MF	-	-	-	5	-	-	1,750
33	Hybrid Gas Water Heater - MF	-	-	-	5	-	-	1,750
34	Boilers Tier 1 - MF	-	-	-	5	-	-	2,000
35	Boilers Tier 2 - MF	-	-	-	5	-	-	3,000
36	Solar Assisted Water Heater - domestic MF	-	-	27	210	378	20,250	157,500
37	Solar Assisted Water Heater - pool MF	-	-	-	5	-	-	3,750
38	2x6 Walls - MF	141	21,150	225	500	720	33,750	75,000
39	R-5 Window	-	-	-	5	-	-	900
40	Energy Star 2.5 - MF	-	-	2	-	23	300	-
41	90% Efficient Furnace (tier 1) - MF	-	-	1	-	4	200	-
42	92% Efficient Furnace (tier 2) - MF	216	64,800	305	-	1,366	91,500	-
43	2010 ENERGY STAR - MF	-	-	55	-	258	13,750	-
44	2011 ENERGY STAR - MF	-	-	-	-	-	-	-
45	Administrative & Overheads	N/A	248,473	N/A	N/A	N/A	364,582	727,852
46	Total	1,721	\$ 749,123	3,889	6,491	29,442	\$ 1,476,682	\$ 2,753,002

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

Questar Gas Company  
ThermWise Business Rebates Program - Utah Programs  
As of June 30, 2013

Line #	Program	2nd Quarter 2013		Total 2013				
		Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	95% Efficient Furnace (tier 3)	7	\$ 2,450	9	180	148	\$ 3,150	\$ 63,000
2	95% Efficient Furnace with ECM (tier 4)	3	1,200	9	20	148	3,600	8,000
3	Gas Storage Water Heater - Tier 1 <75kBtu	-	-	-	5	-	-	250
4	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	-	10	-	-	1,000
5	Gas Storage Water Heater >75kBtu	6	1,896	8	5	166	2,376	1,988
6	High Efficiency Gas Water Heater - Tankless <200kBTU	3	1,194	6	15	157	2,230	5,975
7	High Efficiency Gas Water Heater - Tankless >200kBTU	1	1,252	2	5	229	3,250	20,081
8	Condensing Gas Water Heater	-	-	-	1	-	-	350
9	Hybrid Gas Water Heater	-	-	-	1	-	-	350
10	2.6 MEF Washer	1	50	1	5	1	50	250
11	Commercial Clothes Washer	-	-	-	2	-	-	150
12	Boiler Reset Control	-	-	1	10	59	250	2,500
13	Boiler Tune-up	-	-	4	50	156	1,200	13,884
14	Low Flow Pre-rinse Spray Valve	-	-	-	25	-	-	625
15	Direct Contact Water Heater	-	-	2	5	104	627	5,500
16	High Efficiency Boiler Hot Water Tier 1	2	8,000	4	10	657	9,140	3,400
17	High Efficiency Boiler Hot Water Tier 2	7	51,272	38	55	24,790	296,810	359,004
18	High Efficiency Boiler Steam Tier 1	-	-	-	2	-	-	688
19	High Efficiency Boiler Steam Tier 2	2	21,976	5	1	1,527	51,256	8,711
20	Gas Unit Heater Non-Condensing	1	188	2	50	11	313	15,484
21	Gas Unit Heater Condensing	-	-	10	50	381	16,860	92,595
22	Infrared Heating System	42	30,450	194	300	10,520	136,600	166,422
23	High Efficiency Gas Combo Oven	2	2,000	3	20	97	3,000	20,000
24	Energy Star Gas Commercial Fryer	3	1,500	7	10	113	3,500	10,000
25	High Efficiency Gas Convection Oven	-	-	3	50	39	1,500	25,000
26	High Efficiency Gas Griddle	-	-	-	10	-	-	3,000
27	Energy Star Gas Steam Cooker	-	-	-	15	-	-	15,000
28	Windows - site built (new construction)	-	-	-	1	-	-	1,195
29	Windows - pre fab (new construction)	-	-	-	1	-	-	1,120
30	Windows - site built (retrofit)	-	-	-	1	-	-	676
31	Windows - pre fab (retrofit)	-	-	17	10	9	118	161
32	Attic Insulation (new construction)	1	177	1	1	5	177	600
33	Attic Insulation (retrofit)	117	19,135	127	25	407	26,278	95,328
34	Wall Insulation (new construction)	1	197	2	1	6	352	255
35	Wall Insulation (retrofit)	1	93	1	1	2	83	630
36	92% Plus AFUE Condensing Gas Furnace - Commercial	1	300	23	-	298	6,900	-
37	94% Plus AFUE Condensing Gas Furnace - Commercial	4	1,600	24	-	348	9,600	-
38	Administrative & Overheads	N/A	109,901	N/A	N/A	N/A	296,490	652,600
39	<b>Total</b>	<b>205</b>	<b>\$ 254,831</b>	<b>503</b>	<b>953</b>	<b>40,378</b>	<b>\$ 875,720</b>	<b>\$ 1,595,770</b>

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

Questar Gas Company  
ThermWise Home Energy Plan - Utah Programs  
As of June 30, 2013

Line #	Program	2nd Quarter 2013		Total 2013						Budget
		Actual Participants**	Actual Costs	Audits / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs		
1	THERMWISE HOME ENERGY PLAN									
2	Efficiency Measures	712	\$ 10,994	1,497	7,764	2,504	15,560	\$ 20,636	\$ 53,770	
3	Programmable Thermostat - Residential	22	660	47	N/A	84	100	1,410	2,520	
4	Administrative & Overheads	N/A	152,920	N/A	N/A	N/A	N/A	282,099	796,637	
5	<b>Total</b>	<b>734</b>	<b>\$ 164,574</b>	<b>1,544</b>	<b>7,764</b>	<b>2,588</b>	<b>15,660</b>	<b>\$ 304,144</b>	<b>\$ 852,927</b>	

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

\*\*Participants, Audits Completed and Efficiency Items are based on reported numbers from the ThermWise Home Energy Auditors.

**Questar Gas Company**  
**ThermWise Weatherization Rebates Program - Utah Programs**  
 As of June 30, 2013

Line #	Program	2nd Quarter 2013		Total 2013					
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
		Participants	Costs						
1	Attic Insulation Tier 1 - .25 per sq. ft	4,747	\$ 1,895,355	11,183	19,788	68,124	\$ 4,016,752	\$ 4,277,668	
2	Attic Insulation Tier 2	1,477	676,382	7,935	13,584	18,874	1,270,373	805,521	
3	Floor Insulation	107	14,334	214	780	929	34,166	74,356	
4	Wall Insulation	352	89,893	603	1,620	2,198	155,531	262,017	
5	Windows	6,405	89,665	13,069	16,572	6,378	183,835	629,007	
6	Duct Sealing & Insulation	173	49,959	208	936	2,243	62,481	238,542	
7	R-5 Windows	160	6,491	314	20	269	12,027	1,500	
8	Air Sealing	868	505,762	1,114	250	10,318	644,850	98,800	
9	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	2,331	537,477	3,645	1,400	15,292	901,633	212,750	
10	Attic Insulation (multifamily) Tier 2	1,792	116,249	2,619	1,400	2,630	177,010	59,570	
11	Floor Insulation (multifamily)	15	279	15	10	8	279	1,200	
12	Wall Insulation (multifamily)	-	-	2	10	3	204	2,970	
13	Windows (multifamily)	-	-	2	150	66	1,913	17,290	
14	R-5 Windows	-	-	-	2	-	-	125	
15	Duct Sealing & Insulation (multifamily)	1,912	339,941	4,121	2,000	26,374	726,904	211,435	
16	Administrative & Overheads	N/A	226,593	N/A	N/A	N/A	375,607	1,299,310	
17	<b>Total</b>	<b>20,339</b>	<b>\$ 4,548,378</b>	<b>45,044</b>	<b>58,522</b>	<b>153,706</b>	<b>\$ 8,563,564</b>	<b>\$ 8,192,062</b>	

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

Questar Gas Company  
 ThermWise Business Custom Rebates Program - Utah Programs  
 As of June 30, 2013

Line #	Program	2nd Quarter 2013		Total 2013				
		Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	Business Custom Rebates	-	\$ -	6	50	4,871	\$ 46,644	\$ 250,000
2	Administrative & Overheads	N/A	50,974	N/A	N/A	N/A	179,889	573,602
3	Total	-	\$ 50,974	6	50	4,871	\$ 226,533	\$ 823,602

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



**Questar Gas Company**  
**Market Transformation - Utah Programs**  
**As of June 30, 2013**

Line #	Program	2nd Quarter 2013		Total 2013			
		Participants	Actual Costs	Actual Participants	Estimated Participants	Actual Costs	Budget
1	Market Transformation Total	N/A	\$ 252,329	N/A	N/A	\$ 746,581	\$ 1,991,813

Questar Gas Company  
 Low Income Weatherization - Utah Programs  
 As of June 30, 2013

Line #	Program	2nd Quarter 2013		Year-to-date 2012					
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
		Participants	Costs						
1	95% Efficient Furnace	41	\$ 14,350	47	631	964	\$ 18,450	\$ 220,850	
6	Gas Water Heater - Tier 1	-	-	-	-	-	-	-	
2	Gas Water Heater - Tier 2	8	800	9	-	36	900	-	
2	Attic Insulation - Tier 1	25	5,816	35	547	149	7,047	173,837	
2	Attic Insulation Tier 2	12	1,951	22	-	43	2,296	-	
3	Floor Insulation	14	2,245	19	232	98	2,869	49,416	
4	Wall Insulation	19	3,787	24	198	75	4,227	58,443	
5	Windows	33	451	80	481	44	1,004	48,581	
6	Programmable Thermostat	62	1,860	64	579	170	1,920	17,370	
7	Duct Sealing & Insulation	-	-	1	214	13	405	93,518	
8	Air Sealing	55	23,913	69	-	459	28,689	-	
9	Low Income Furnace Replacement	-	-	-	500	-	250,000	500,000	
10	Administrative & Overheads	N/A	-	N/A	N/A	N/A	-	56,584	
11	<b>Total</b>	<b>269</b>	<b>\$ 55,174</b>	<b>370</b>	<b>3,382</b>	<b>2,050</b>	<b>\$ 315,805</b>	<b>\$ 1,218,599</b>	

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