



Docket No.  
14-057-06

UTAH PUBLIC  
SERVICE COMMISSION

2014 JUN 25 P 3: 35

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**Questar Gas Company**

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**Barrie L. McKay**

Vice President Regulatory Affairs

June 25, 2014

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

Dear Chris:

Attached please find a copy of the Energy Efficiency Report for the quarter ended March 31, 2014.

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: Carolyn Roll, DPU  
Public Service Commission  
Office of Consumer Services

**Questar Gas Company**  
**Energy Efficiency Report - Utah Programs**  
**As of March 31, 2014**

Program	1st Quarter 2014		Total 2014					
	Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
ThermWise Appliance Rebates	5,917	\$ 1,564,007	5,917	20,062	53,833	\$ 1,564,007	\$ 5,887,450	
ThermWise Builder Rebates	2,071	714,581	2,071	7,540	14,832	714,581	2,774,950	
ThermWise Business Rebates	465	524,437	465	1,323	12,277	524,437	1,985,759	
ThermWise Home Energy Plan	772	114,133	772	2,650	7,526	114,133	794,270	
ThermWise Weatherization Rebates	21,517	3,580,952	21,517	67,570	69,811	3,580,952	12,686,485	
ThermWise Business Custom Rebates	1	29,585	1	50	60	29,585	760,150	
Market Transformation	N/A	337,762	N/A	N/A	N/A	337,762	1,653,000	
Low Income Efficiency Program	597	345,660	597	1,978	2,722	345,660	877,486	
<b>Programs Total</b>	<b>31,340</b>	<b>\$ 7,211,117</b>	<b>31,340</b>	<b>101,173</b>	<b>161,061</b>	<b>\$ 7,211,117</b>	<b>\$ 27,419,551</b>	
DSM Interest	N/A	41,062	N/A	N/A	N/A	41,062	N/A	
DSM Amortization	N/A	(18,505,576)	N/A	N/A	N/A	(18,505,576)	N/A	
DSM General Administration	-	-	N/A	N/A	N/A	-	N/A	
<b>2014 TOTAL</b>	<b>31,340</b>	<b>\$ (11,253,398)</b>	<b>31,340</b>	<b>101,173</b>	<b>161,061</b>	<b>\$ (11,253,398)</b>	<b>\$ 27,419,551</b>	

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 March 31, 2014**

Line#	Program	1st Quarter 2014		Total 2014				
		Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	92% Efficient Furnace with ECM	6	\$ 1,200	6	179	80	\$ 1,200	35,800
2	95% Efficient Furnace (tier 3)	1,211	423,850	1,211	3,752	19,860	423,850	1,313,200
3	95% Efficient Furnace with ECM (tier 4)	1,499	599,600	1,499	4,493	24,584	599,600	1,797,200
4	98% Efficient Furnace with ECM	17	7,650	17	793	296	7,650	356,850
5	2.6 MEF Washer	2,064	103,200	2,064	7,285	2,873	103,200	364,250
6	Gas Water Heater - Tier 1	446	22,300	446	1,524	610	22,300	76,200
7	Gas Water Heater - Tier 2	151	15,100	151	450	478	15,100	45,000
8	Condensing Gas Water Heater	12	4,200	12	60	88	4,200	21,000
9	Hybrid Gas Water Heater	2	700	2	28	16	700	9,800
10	Boilers Tier 1	17	6,800	17	42	254	6,800	16,800
11	Boilers Tier 2	30	18,000	30	106	605	18,000	63,600
12	Solar Assisted Water Heater (domestic)	52	39,000	52	250	728	39,000	187,500
13	Solar Assisted Water Heater (pool)	2	1,500	2	20	110	1,500	15,000
14	Direct Vent Gas Fireplace	124	24,800	124	247	1,071	24,800	49,400
15	Tankless Gas Water Heater (tier 1)	18	5,400	18	96	127	5,400	28,800
16	Tankless Gas Water Heater (tier 2)	180	63,000	180	522	1,382	63,000	182,700
17	92% Efficient Furnace with ECM	-	-	-	5	-	-	1,000
18	95% Efficient Furnace (tier 3)	52	18,200	52	38	470	18,200	13,300
19	95% Efficient Furnace with ECM (tier 4)	-	-	-	53	-	-	21,200
20	98% Efficient Furnace with ECM	-	-	-	-	-	-	-
21	90% Efficient Furnace (tier 1)	1	200	1	-	11	200	-
22	92% Efficient Furnace (tier 2)	9	2,700	9	-	120	2,700	-
23	2.6 MEF Washer	-	-	-	74	-	-	3,700
24	Gas Water Heater - Tier 1	4	200	4	15	5	200	750
25	Gas Water Heater - Tier 2	20	2,000	20	5	63	2,000	500
26	Boilers Tier 2	-	-	-	1	-	-	600
27	Solar Assisted Water Heater (domestic)	-	-	-	12	-	-	9,000
28	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750
29	90% Efficient Furnace (tier 1)	-	-	-	-	-	-	-
30	92% Efficient Furnace (tier 2)	-	-	-	-	-	-	-
31	Condensing Gas Water Heater	-	-	-	1	-	-	350
32	Hybrid Gas Water Heater	-	-	-	1	-	-	350
33	Boilers Tier 1	-	-	-	1	-	-	400
34	Direct Vent Gas Fireplace	-	-	-	2	-	-	400
35	Tankless Gas Water Heater (tier 1)	-	-	-	1	-	-	300
36	Tankless Gas Water Heater (tier 2)	-	-	-	5	-	-	1,750
37	Administrative & Overheads	N/A	204,407	N/A	N/A	N/A	204,407	1,270,000
38	<b>Total</b>	<b>5,917</b>	<b>1,564,007</b>	<b>5,917</b>	<b>20,062</b>	<b>53,833</b>	<b>1,564,007</b>	<b>5,887,450</b>

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

**Questar Gas Company**  
**Thermwise Builder Rebates Program - Utah Programs**  
 As of March 31, 2014

Line #	Program	1st Quarter 2014		Total 2014			Actual Costs	Budget
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*		
1	Energy Star 3.0	8	\$ 2,400	8	276	196	\$ 4,000	\$ 248,400
2	High Performance Homes	8	4,000	8	22	276	4,000	26,300
3	Thermwise Builder Option Package 1 (Builder Cert)	-	-	-	296	-	-	88,800
4	Thermwise Builder Option Package 2 (Rater Cert)	2	200	2	291	34	200	101,850
5	92% Efficient Furnace	1	200	1	1,179	8	200	236,800
6	95% Efficient Furnace	742	259,700	742	1,614	6,648	259,700	564,900
7	95% Efficient Furnace with ECM	180	72,000	180	104	1,613	72,000	41,600
8	98% Efficient Furnace with ECM	-	-	-	2	-	-	900
9	Tier 1 Storage Water Heater	355	17,750	355	922	486	17,750	46,100
10	.67 EF Storage Water Heater	7	700	7	150	22	700	15,000
11	Tankless Water Heater	1	300	1	30	9	300	9,000
12	Tankless Water Heater Tier 2	18	6,300	18	30	173	6,300	10,500
13	Condensing Gas Water Heater	2	700	2	5	15	700	1,750
14	Hybrid Gas Water Heater	-	-	-	20	-	-	7,000
15	Gas Boiler Rebates Paid - Tier 1	-	-	-	5	-	-	2,000
16	Gas Boiler Rebates Paid - Tier 2	6	3,600	6	38	77	3,600	22,800
17	Solar Assisted Water Heater - domestic	-	-	-	35	-	-	26,250
18	Solar Assisted Water Heater - pool	-	-	-	5	-	-	3,750
19	2x6 Walls	274	93,800	274	108	2,806	93,800	37,800
20	R-5 Window	15	750	15	5	7	750	1,500
21	92% Efficient Furnace (Tier 2)	88	26,400	88	-	667.39	26,400	-
22	Energy Star 3.0 - MF	12	2,400	12	100	141	2,400	60,000
23	High Performance Homes - MF	3	900	3	84	50	900	58,800
24	Thermwise Builder Option Package 1 - MF	-	-	-	69	-	-	20,700
25	Thermwise Builder Option Package 2 - MF	-	-	-	69	-	-	24,150
26	92% Efficient Furnace - MF	-	-	-	730	-	-	146,000
27	95% Efficient Furnace - MF	98	34,300	98	559	510	34,300	196,650
28	95% Efficient Furnace with ECM - MF	-	-	-	28	-	-	11,200
29	98% Efficient Furnace with ECM - MF	-	-	-	-	-	-	-
30	Tier 1 Storage Water Heater - MF	-	-	-	500	-	-	25,000
31	.67 EF Storage Water Heater - MF	8	800	8	20	25	800	2,000
32	Tankless Water Heater - MF	-	-	-	5	-	-	1,500
33	Tankless Water Heater Tier 2 - MF	15	5,250	15	12	144	5,250	4,200
34	Condensing Gas Water Heater - MF	-	-	-	5	-	-	1,750
35	Hybrid Gas Water Heater - MF	-	-	-	5	-	-	1,750
36	Boilers Tier 1 - MF	-	-	-	5	-	-	2,000
37	Boilers Tier 2 - MF	-	-	-	5	-	-	3,000
38	Solar Assisted Water Heater - domestic MF	-	-	-	-	-	-	-
39	Solar Assisted Water Heater - pool MF	-	-	-	2	-	-	1,500
40	2x6 Walls - MF	75	11,250	75	200	240	11,250	30,000
41	R-5 Window	-	-	-	5	-	-	750
42	92% Efficient Furnace (Tier 2) - MF	153	45,900	153	-	885	45,900	-
43	Administrative & Overheads	N/A	124,981	N/A	N/A	N/A	124,981	694,000
44	<b>Total</b>	<b>2,071</b>	<b>\$ 714,581</b>	<b>2,071</b>	<b>7,540</b>	<b>14,832</b>	<b>\$ 714,581</b>	<b>\$ 2,774,950</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 Rebates Program - Utah Programs**  
 As of March 31, 2014

Line #	Program	1st Quarter 2014		Total 2014				
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	92% Efficient Furnace	2	400	2	44	26	400	8,800
2	95% Efficient Furnace	75	26,250	75	101	1,086	26,250	35,350
3	95% Efficient Furnace with ECM	-	-	-	9	-	-	3,600
4	98% Efficient Furnace with ECM	-	-	-	-	-	-	-
5	Gas Storage Water Heater - Tier 1 <75kBtu	28	1,400	28	1	28	1,400	50
6	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	-	1	-	-	100
7	Gas Storage Water Heater >75kBtu	7	3,399	7	16	238	3,399	5,270
8	High Efficiency Gas Water Heater - Tankless <200kBtu	-	-	-	12	-	-	4,228
9	High Efficiency Gas Water Heater - Tankless >200kBtu	4	2,798	4	4	197	2,798	9,960
10	Condensing Gas Water Heater	2	700	2	12	15	700	4,200
11	Hybrid Gas Water Heater	-	-	-	1	-	-	350
12	2.6 MEF Washer	1	50	1	13	1	50	650
13	Commercial Clothes Washer	-	-	-	1	-	-	75
14	Boiler Reset Control	-	-	-	1	-	-	250
15	Boiler Tune-up Tier 1	-	-	-	20	-	-	2,000
16	Boiler Tune-up Tier 2	-	-	-	10	-	-	3,000
17	Boiler Tune-up Tier 3	-	-	-	5	-	-	847
18	Low Flow Pre-riase Spray Valve	-	-	-	65	-	-	1,625
19	Direct Contact Water Heater	-	-	-	4	-	-	1,190
20	High Efficiency Boiler Hot Water Tier 1	1	4,140	1	8	297	4,140	17,356
21	High Efficiency Boiler Hot Water Tier 2	11	16,104	11	75	1,345	16,104	518,320
22	High Efficiency Boiler Steam Tier 1	-	-	-	1	-	-	14
23	High Efficiency Boiler Steam Tier 2	-	-	-	9	-	-	97,260
24	Gas Unit Heater NonCondensing	3	750	3	5	26	750	1,088
25	Gas Unit Heater Condensing	-	-	-	21	-	-	32,022
26	Infrared Heating System	74	58,050	74	437	4,470	58,050	309,615
27	High Efficiency Gas Combo Oven	-	-	-	8	-	-	8,000
28	Energy Star Gas Commercial Fryer	41	20,500	41	12	663	20,500	6,000
29	High Efficiency Gas Convection Oven	5	2,500	5	8	65	2,500	4,000
30	High Efficiency Gas Griddle	-	-	-	1	-	-	300
31	Energy Star Gas Steam Cooker	-	-	-	1	-	-	1,000
32	Windows - site built (new construction)	1	4,367	1	1	155	4,367	17
33	Windows - pre fab (new construction)	-	-	-	86	-	-	18
34	Windows - site built (retrofit)	-	-	-	33	-	-	184
35	Windows - pre fab (retrofit)	5	46	5	36	3	46	225
36	Attic Insulation (new construction)	5	6,319	5	1	164	6,319	350
37	Attic Insulation (retrofit)	54	103,374	54	232	1,602	103,374	94,631
38	Wall Insulation (new construction)	4	6,679	4	4	109	6,679	684
39	Wall Insulation (retrofit)	5	449	5	4	11	449	171
40	92% Plus AFUE Condensing Gas Furnace - Commercial	137	41,100	137	-	1,776	41,100	-
41	Administrative & Overheads	N/A	225,062	N/A	N/A	N/A	225,062	813,000
42	<b>Total</b>	<b>465</b>	<b>\$ 524,437</b>	<b>465</b>	<b>1,333</b>	<b>12,277</b>	<b>\$ 524,437</b>	<b>1,985,759</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 March 31, 2014

Line #	Program	1st Quarter 2014		Total 2014					
		Actual Participants**	Costs	Plans / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	ThermWise HOME ENERGY PLAN								
2	Efficiency Measures	741	\$ 5,778	741	3,946	2,510	7,460	\$ 7,578	\$ 53,070
3	Programmable Thermostat - Residential	31	930	31	N/A	140	66	930	4,200
4	Administrative & Overheads	N/A	107,425	N/A	N/A	N/A	N/A	105,625	737,000
5	<b>Total</b>	<b>772</b>	<b>\$ 114,133</b>	<b>772</b>	<b>3,946</b>	<b>2,650</b>	<b>7,526</b>	<b>\$ 114,133</b>	<b>\$ 794,270</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.

**Questar Gas Company**  
**ThermWise Weatherization Rebates Program - Utah Programs**  
**As of March 31, 2014**

Line #	Program	1st Quarter 2014		Total 2014				
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	Attic Insulation Tier 1 - .25 per sq. ft	4,797	\$ 1,735,955	4,797	16,775	29,442	\$ 1,735,955	\$ 5,775,127
2	Attic Insulation Tier 2	2,961	294,531	2,961	11,903	4,376	294,531	1,415,559
3	Floor Insulation	82	13,319	82	321	362	13,319	51,249
4	Wall Insulation	307	84,573	307	905	1,195	84,573	233,296
5	Windows	6,753	94,442	6,753	19,604	3,277	94,442	275,753
6	Duct Sealing & Insulation	807	222,608	807	312	8,703	222,608	130,800
7	R-5 Windows	625	23,627	625	471	528	23,627	18,041
8	Air Sealing	210	102,056	210	1,671	1,633	102,056	880,192
9	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	1,888	438,750	1,888	5,468	7,441	438,750	1,352,449
10	Attic Insulation (multifamily) Tier 2	1,286	89,376	1,286	3,929	1,328	89,376	265,514
11	Floor Insulation (multifamily)	-	-	-	23	-	-	418
12	Wall Insulation (multifamily)	-	-	-	3	-	-	306
13	Windows (multifamily)	-	-	-	3	-	-	2,870
14	R-5 Windows	-	-	-	-	-	-	-
15	Duct Sealing & Insulation (multifamily)	1,801	326,964	1,801	6,182	11,526	326,964	1,074,911
16	Administrative & Overheads	N/A	154,751	N/A	N/A	N/A	154,751	1,210,000
17	<b>Total</b>	<b>21,517</b>	<b>\$ 3,580,952</b>	<b>21,517</b>	<b>67,570</b>	<b>69,811</b>	<b>\$ 3,580,952</b>	<b>\$ 12,686,485</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 March 31, 2014**

Line #	Program	1st Quarter 2014		Total 2014					
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	Business Custom Rebates	1	\$ 598	1	50	60	\$ 598	\$ 250,000	
2	Administrative & Overheads	N/A	28,987	-	N/A	N/A	28,987	510,150	
3	<b>Total</b>	1	\$ 29,585	1	50	60	\$ 29,585	\$ 760,150	

\*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 March 31, 2014

Line #	Program	1st Quarter 2014		Total 2014			
		Actual Participants	Costs	Actual Participants	Estimated Participants	Actual Costs	Budget
1	Market Transformation Total	N/A	\$ 337,762	N/A	N/A	\$ 337,762	\$ 1,653,000

Questar Gas Company  
 Low Income Efficiency Program - Utah Programs  
 As of March 31, 2014

Line #	Program	1st Quarter 2014		Year-to-date 2014					
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	95% Efficient Furnace	38	\$ 13,300	38	154	779	\$ 13,300	\$ 53,900	
2	95% Efficient Furnace with ECM	-	-	-	40	-	-	16,000	
3	Gas Water Heater - Tier 1	-	-	-	20	-	-	1,000	
4	Gas Water Heater - Tier 2	2	200	2	38	8	200	3,800	
5	Attic Insulation - Tier 1	45	13,045	45	300	277	13,045	95,340	
6	Attic Insulation Tier 2	24	1,932	24	192	36	1,932	18,717	
7	Floor Insulation	30	4,536	30	58	154	4,536	12,354	
8	Wall Insulation	15	3,998	15	68	71	3,998	20,071	
9	Windows	248	3,169	248	180	137	3,169	18,180	
10	Programmable Thermostat	47	1,410	47	148	125	1,410	4,440	
11	Duct Sealing & Insulation	12	4,735	12	90	162	4,735	39,330	
12	Air Sealing	136	48,677	136	180	974	48,677	52,104	
13	Tank Less Gas Water Heater - Tier 1	-	-	-	5	-	-	1,500	
14	Tank Less Gas Water Heater - Tier 2	-	-	-	5	-	-	1,750	
15	Low Income Furnace Replacement	-	250,000	-	500	-	250,000	500,000	
16	Administrative & Overheads	N/A	657	N/A	N/A	N/A	657	39,000	
17	<b>Total</b>	<b>597</b>	<b>\$ 345,660</b>	<b>597</b>	<b>1,978</b>	<b>2,722</b>	<b>\$ 345,660</b>	<b>\$ 877,486</b>	

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