



Questar Gas Company  
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UTAH PUBLIC  
SERVICE COMMISSION

2013 JUN 10 P 4:24

Barrie L. McKay  
Vice President Regulatory Affairs

313217

June 6, 2013

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 March 31, 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 March 31, 2013

Line #	Program	1st Quarter 2013		Total 2013					
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	ThermWise Appliance Rebates	5,207	\$ 1,484,620	5,207	16,859	45,377	\$ 1,484,620	\$ 5,363,360	
2	ThermWise Builder Rebates	2,168	727,560	2,168	6,491	17,561	727,560	2,753,002	
3	ThermWise Business Rebates	298	620,888	298	953	31,618	620,888	1,595,770	
4	ThermWise Home Energy Audits	810	139,571	810	2,588	5,367	139,571	852,927	
5	ThermWise Weatherization Rebates	24,705	4,015,186	24,705	58,522	73,550	4,015,186	8,192,062	
6	ThermWise Business Custom Rebates	6	175,559	6	50	4,774	175,559	823,602	
7	Market Transformation	N/A	494,252	N/A	N/A	N/A	494,252	1,991,813	
8	Low Income Weatherization	101	260,631	101	3,382	308	260,631	1,218,599	
9	<b>Programs Total</b>	<b>33,295</b>	<b>\$ 7,918,266</b>	<b>33,295</b>	<b>88,845</b>	<b>178,555</b>	<b>\$ 7,918,266</b>	<b>\$ 22,791,135</b>	
10	DSM Interest	-	121,078	N/A	N/A		121,078	-	
11	DSM Amortization	-	(10,742,013)	N/A	N/A		(10,742,013)	-	
12	<b>Current Balance</b>	<b>33,295</b>	<b>\$ (2,702,669)</b>	<b>33,295</b>	<b>88,845</b>	<b>178,555</b>	<b>\$ (2,702,669)</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 March 31, 2013**

Line#	Program	1st Quarter 2013			Total 2013			
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	95% Efficient Furnace (tier 3)	1,007	\$ 352,450	1,007	3,607	16,515	\$ 352,450	\$ 1,262,450
2	95% Efficient Furnace with ECM (tier 4)	1,210	484,000	1,210	3,479	19,844	484,000	1,391,600
3	2.6 MEF Washer	1,938	96,900	1,938	5,131	2,698	96,900	256,550
4	Gas Water Heater - Tier 1	449	22,450	449	2,508	614	22,450	125,400
5	Gas Water Heater - Tier 2	115	11,500	115	279	364	11,500	27,900
6	Condensing Gas Water Heater	15	5,250	15	37	110	5,250	12,950
7	Hybrid Gas Water Heater	6	2,100	6	81	49	2,100	28,350
8	Boilers Tier 1	18	7,200	18	13	269	7,200	5,200
9	Boilers Tier 2	22	13,200	22	72	444	13,200	43,200
10	Solar Assisted Water Heater (domestic)	57	42,750	57	464	798	42,750	348,000
11	Solar Assisted Water Heater (pool)	1	750	1	12	55	750	9,000
12	Direct Vent Gas Fireplace	63	12,600	63	250	544	12,600	50,000
13	Tankless Gas Water Heater (tier 1)	40	12,000	40	231	282	12,000	69,300
14	Tankless Gas Water Heater (tier 2)	109	38,150	109	460	837	38,150	161,000
15	95% Efficient Furnace (tier 3)	11	3,850	11	120	57	3,850	42,000
16	95% Efficient Furnace with ECM (tier 4)	5	2,000	5	65	26	2,000	26,000
17	90% Efficient Furnace (tier 1)	1	200	1	-	11	200	-
18	92% Efficient Furnace (tier 2)	140	42,000	140	-	1,859	42,000	-
19	2.6 MEF Washer	-	-	-	29	-	-	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	Administrative & Overheads	N/A	335,270	N/A	N/A	N/A	335,270	1,493,810
26	<b>Total</b>	<b>5,207</b>	<b>\$ 1,484,620</b>	<b>5,207</b>	<b>16,859</b>	<b>45,377</b>	<b>\$ 1,484,620</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  
 ThermWise Builder Rebates Program - Utah Programs  
 As of March 31, 2013

Line #	Program	1st Quarter 2013		Total 2013					
		Participants	Costs	Actual Participants	Estimated Participants	Savings*	Dth	Actual Costs	Budget
1	Energy Star 3.0	41	\$ 12,300	41	276	1,004	\$	12,300	\$ 248,400
2	High Performance Homes	26	13,000	26	22	899		13,000	25,300
3	ThermWise Builder Option Package 1 (Builder Cert)	1	50	1	296	14		50	88,800
4	ThermWise Builder Option Package 2 (Rater Cert)	-	-	-	281	-		-	101,850
5	95% Efficient Furnace (tier 3)	388	135,800	388	1,614	3,476		135,800	564,900
6	95% Efficient Furnace with ECM (tier 4)	30	12,000	30	106	269		12,000	42,400
7	Tier 1 Storage Water Heater	243	12,150	243	922	332		12,150	46,100
8	.67 EF Storage Water Heater	31	3,100	31	150	98		3,100	15,000
9	Tankless Water Heater	1	300	1	30	7		300	9,000
10	Tankless Water Heater - Tier 2	38	13,300	38	30	292		13,300	10,500
11	Condensing Gas Water Heater	-	-	-	5	-		-	1,750
12	Hybrid Gas Water Heater	2	700	2	20	16		700	7,000
13	Gas Boiler Rebates Paid - Tier 1	2	800	2	5	19		800	2,000
14	Gas Boiler Rebates Paid - Tier 2	7	4,200	7	38	90		4,200	22,800
15	Solar Assisted Water Heater - domestic	7	5,250	7	35	98		5,250	26,250
16	Solar Assisted Water Heater - pool	-	-	-	5	-		-	3,750
17	2x6 Walls	386	135,100	386	450	3,953		135,100	157,500
18	R-5 Window	-	-	-	10	-		-	3,000
19	90% Efficient Furnace (tier 1)	22	4,400	22	-	146		4,400	-
20	92% Efficient Furnace (tier 2)	282	84,600	282	-	2,143		84,600	-
21	Energy Star 2.5	33	8,250	33	-	771		8,250	-
22	Energy Star 3.0 - MF	35	7,000	35	100	412		7,000	60,000
23	High Performance Homes - MF	35	10,500	35	84	580		10,500	58,800
24	ThermWise Builder Option Package 1 - MF	-	-	-	69	-		-	20,700
25	ThermWise Builder Option Package 2 - MF	63	6,300	63	69	418		6,300	24,150
26	95% Efficient Furnace (tier 3) - MF	70	24,500	70	559	364		24,500	195,650
27	95% Efficient Furnace with ECM (tier 4) - MF	55	22,000	55	28	286		22,000	11,200
28	Tier 1 Storage Water Heater - MF	8	400	8	500	11		400	25,000
29	.67 EF Storage Water Heater - MF	59	5,900	59	20	187		5,900	2,000
30	Tankless Water Heater - MF	-	-	-	5	-		-	1,500
31	Tankless Water Heater Tier 2 - MF	45	15,750	45	12	346		15,750	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	20,250	27	210	378		20,250	157,500
37	Solar Assisted Water Heater - pool MF	-	-	-	5	-		-	3,750
38	2x6 Walls - MF	84	12,600	84	500	289		12,600	75,000
39	R-5 Window	-	-	-	5	-		-	900
40	Energy Star 2.5 - MF	2	300	2	-	23		300	-
41	90% Efficient Furnace (tier 1) - MF	1	200	1	-	4		200	-
42	92% Efficient Furnace (tier 2) - MF	89	26,700	89	-	399		26,700	-
43	2010 ENERGY STAR - MF	55	13,750	55	-	258		13,750	-
44	Administrative & Overheads	N/A	116,110	N/A	N/A	N/A		116,110	727,652
45	<b>Total</b>	<b>2,168</b>	<b>\$ 727,560</b>	<b>2,168</b>	<b>6,491</b>	<b>17,561</b>	<b>\$</b>	<b>727,560</b>	<b>\$ 2,753,002</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, 2013

Line #	Program	1st Quarter 2013		Total 2013				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	95% Efficient Furnace (tier 3)	2	\$ 700	2	180	33	\$ 700	\$ 63,000
2	95% Efficient Furnace with ECM (tier 4)	6	2,400	6	20	98	2,400	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	2	480	2	5	34	480	1,988
6	High Efficiency Gas Water Heater - Tankless <200KBTU	3	1,036	3	15	73	1,036	5,975
7	High Efficiency Gas Water Heater - Tankless >200KBTU	1	1,998	1	5	141	1,998	20,081
8	Condensing Gas Water Heater	-	-	-	1	-	-	350
9	Hybrid Gas Water Heater	-	-	-	1	-	-	350
10	2.6 MEF Washer	-	-	-	5	-	-	250
11	Commercial Clothes Washer	-	-	-	2	-	-	150
12	Boiler Reset Control	1	250	1	10	59	250	2,500
13	Boiler Tune-up	4	1,200	4	50	156	1,200	13,884
14	Low Flow Pre-rinse Spray Valve	-	-	-	25	-	-	625
15	Direct Contact Water Heater	2	627	2	5	104	627	5,500
16	High Efficiency Boiler Hot Water Tier 1	2	1,140	2	10	82	1,140	3,400
17	High Efficiency Boiler Hot Water Tier 2	31	245,538	31	55	20,507	245,538	359,004
18	High Efficiency Boiler Steam Tier 1	-	-	-	2	-	-	688
19	High Efficiency Boiler Steam Tier 2	3	29,280	3	1	872	29,280	8,711
20	Gas Unit Heater NonCondensing	1	125	1	50	4	125	15,484
21	Gas Unit Heater Condensing	10	16,860	10	50	381	16,860	92,595
22	Infrared Heating System	152	106,150	152	300	8,175	106,150	166,422
23	High Efficiency Gas Combo Oven	1	1,000	1	20	32	1,000	20,000
24	Energy Star Gas Commercial Fryer	4	2,000	4	10	129	2,000	10,000
25	High Efficiency Gas Convection Oven	3	1,500	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	118	17	10	9	118	161
32	Attic insulation (new construction)	-	-	-	1	-	-	600
33	Attic insulation (retrofit)	10	7,143	10	25	111	7,143	95,328
34	Wall insulation (new construction)	1	154	1	1	2	154	255
35	Wall insulation (retrofit)	-	-	-	1	-	-	630
36	92% Plus AFUE Condensing Gas Furnace - Commercial	22	6,600	22	-	285	6,600	
37	94% Plus AFUE Condensing Gas Furnace - Commercial	20	8,000	20	-	290	8,000	
38	Administrative & Overheads	N/A	186,589	N/A	N/A	N/A	186,589	652,600
39	<b>Total</b>	<b>298</b>	<b>\$ 620,888</b>	<b>298</b>	<b>953</b>	<b>31,618</b>	<b>\$ 620,888</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 Audits - Utah Programs**  
 As of March 31, 2013

Line #	Program	1st Quarter 2013		Total 2013						
		Participants**	Actual Costs	Audits / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	THERMWISE HOME ENERGY AUDITS									
2	Audit Efficiency Measures	785	\$ 9,642	785	4,052	2,504	5,310	\$ 9,642	\$ 53,770	
3	Programmable Thermostat - Residential	25	750	25	N/A	84	57	750	2,520	
4	Administrative & Overheads	N/A	129,179	N/A	N/A	N/A	N/A	129,179	796,637	
5	<b>Total</b>	<b>810</b>	<b>\$ 139,571</b>	<b>810</b>	<b>4,052</b>	<b>2,588</b>	<b>5,367</b>	<b>\$ 139,571</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 March 31, 2013**

Line #	Program	1st 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	6,436	\$ 2,121,397	6,436	19,788	35,979	\$ 2,121,397	\$ 4,277,668
2	Attic Insulation Tier 2	6,458	593,991	6,458	13,584	8,825	593,991	805,521
3	Floor Insulation	107	19,832	107	780	539	19,832	74,356
4	Wall Insulation	251	65,638	251	1,620	928	65,638	262,017
5	Windows	6,664	94,170	6,664	16,572	3,267	94,170	629,007
6	Duct Sealing & Insulation	35	12,523	35	936	377	12,523	238,542
7	R-5 Windows	154	5,536	154	20	124	5,536	1,500
8	Air Sealing	246	139,088	246	250	2,225	139,088	98,800
9	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	1,314	364,156	1,314	1,400	6,176	364,156	212,750
10	Attic Insulation (multifamily) Tier 2	827	60,761	827	1,400	903	60,761	59,570
11	Floor Insulation (multifamily)	-	-	-	10	-	-	1,200
12	Wall Insulation (multifamily)	2	204	2	10	3	204	2,970
13	Windows (multifamily)	2	1,913	2	150	66	1,913	17,290
14	R-5 Windows	-	-	-	2	-	-	125
15	Duct Sealing & Insulation (multifamily)	2,209	386,963	2,209	2,000	14,138	386,963	211,435
16	Administrative & Overheads	N/A	149,015	N/A	N/A	N/A	149,015	1,299,310
17	<b>Total</b>	<b>24,705</b>	<b>\$ 4,015,186</b>	<b>24,705</b>	<b>58,522</b>	<b>73,550</b>	<b>\$ 4,015,186</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 March 31, 2013**

Line #	Program	1st Quarter 2013		Total 2013					Budget
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs		
1	Business Custom Rebates	6	\$ 46,644	6	50	4,774	\$ 46,644	\$ 250,000	
2	Administrative & Overheads	N/A	128,915	N/A	N/A	N/A	128,915	573,602	
3	<b>Total</b>	6	\$ 175,559	6	50	4,774	\$ 175,559	\$ 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 March 31, 2013**

Line #	Program	1st Quarter 2013		Total 2013			
		Participants	Actual Costs	Actual Participants	Estimated Participants	Actual Costs	Budget
1	Market Transformation Total	N/A	\$ 494,252	N/A	N/A	\$ 494,252	\$ 1,991,813

**Questar Gas Company**  
**Market Transformation - Utah Programs**  
**As of March 31, 2013**

Line #	Program	1st Quarter 2013		Total 2013			Budget
		Participants	Actual Costs	Actual Participants	Estimated Participants	Actual Costs	
1	Market Transformation Total	N/A	\$ 494,252	N/A	N/A	\$ 494,252	\$ 1,991,813