



Questar Gas Company
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Salt Lake City, UT 84145-0360
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ORIGINAL

UTAH PUBLIC
SERVICE COMMISSION

March 25, 2012

2012 MAR 26 P 3:13

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

Dear Chris:

Docket No. 13-999-02

Attached please find a copy of the Energy Efficiency Report for the year ended December 31, 2012. 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 fourth quarter and year-to-date information on participants, costs, and natural gas savings for the Company's energy-efficiency programs.

Spending for the 2012 program year totaled \$22.6 million or 80% of the \$28.3 million Commission approved ThermWise® budget. Actual expenditures in the Appliance, Business, Home Energy Audit, Weatherization, and Low Income Weatherization programs were lower than budgeted due to lower than expected participation. The market transformation expenditures were also lower than expected (52% of budget) in 2012. This was primarily due to lower than projected expenses for Utah Jazz marketing (NBA lockout shortened season) and significantly less spending for the Energy Comparison Report (lower than expected development and delivery costs). The Builder program had expenditures of \$3.2 million which totaled 112% of the 2012 budget. In total, rebate dollars accounted for 71% of total ThermWise® spending in 2012 (69% in 2012 budget) and resulted in annual natural gas savings* of 478,177 decatherms.

If you have any questions, or if we can provide additional information, please contact me.

Sincerely,

Barrie L. McKay
Vice President, State Regulatory Affairs

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

*Reflects an approximate 20% reduction in annual Dth savings for freeridership

Questar Gas Company
 Energy Efficiency Report - Utah Programs
 As of December 31, 2012

Line #	Program	4th Quarter 2012		Total 2012					
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	ThermWise Appliance Rebates	3,710	\$ 1,361,667	15,167	19,000	128,193	\$ 4,881,214	\$ 5,948,078	
2	ThermWise Builder Rebates	5,023	1,415,101	9,080	5,082	71,894	3,196,916	2,843,594	
3	ThermWise Business Rebates	218	445,771	1,057	1,904	56,168	1,575,674	2,327,255	
4	ThermWise Home Energy Audits	575	157,020	2,067	3,857	6,498	626,954	845,844	
5	ThermWise Weatherization Rebates	11,069	2,816,700	43,622	58,522	183,917	10,023,753	12,180,033	
6	ThermWise Business Custom Rebates	5	176,096	19	40	17,496	607,963	845,803	
7	Market Transformation	N/A	360,357	N/A	N/A	N/A	1,093,032	2,115,020	
8	Low Income Weatherization	1,058	362,886	986	3,382	14,011	612,886	1,229,363	
9	Programs Total	21,658	\$ 7,095,598	71,998	91,787	478,177	\$ 22,618,393	\$ 28,334,990	
10	DSM Interest	-	177,637	N/A	N/A		673,754	-	
11	DSM Amortization	-	(9,617,874)	N/A	N/A		(36,354,847)	-	
12	DSM General Administration	-	33,470	N/A	N/A	N/A	-	-	
13	2012 Total	21,658	\$ (2,311,169)	71,998	91,787	478,177	\$ (13,062,701)	\$ 28,334,990	

*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 December 31, 2012

Line#	Program	4th Quarter 2012		Total 2012					
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	90% Efficient Furnace (tier 1)	3	\$ 600	18	86	194	\$ 3,600	17,200	
2	92% Efficient Furnace (tier 2)	109	32,700	514	692	6,826	154,200	207,600	
3	95% Efficient Furnace (tier 3)	766	268,100	3,066	8,108	50,282	1,073,100	2,837,800	
4	95% Efficient Furnace with ECM (tier 4)	994	397,600	2,725	802	44,690	1,090,000	320,800	
5	2.6 MEF Washer	1,011	50,550	4,350	5,147	6,055	217,500	257,350	
6	Gas Water Heater - Tier 1	426	21,300	1,885	2,279	2,579	94,250	113,950	
7	Gas Water Heater - Tier 2	90	9,000	295	177	935	29,500	17,700	
8	Condensing Gas Water Heater	6	2,100	29	36	213	10,150	12,600	
9	Hybrid Gas Water Heater	6	2,100	56	86	457	19,600	30,100	
10	Boilers Tier 1	12	4,800	22	56	329	8,800	22,400	
11	Boilers Tier 2	11	6,600	65	105	1,310	39,000	42,000	
12	Solar Assisted Water Heater	111	83,250	371	158	5,194	278,250	118,500	
13	Direct Vent Gas Fireplace	29	5,800	176	21	1,521	35,200	4,200	
14	Tankless Gas Water Heater (tier 1)	21	6,300	130	321	915	39,000	96,300	
15	Tankless Gas Water Heater (tier 2)	79	27,650	452	594	3,471	158,200	207,900	
16	90% Efficient Furnace (tier 1)	-	-	377	5	1,387	75,400	1,000	
17	92% Efficient Furnace (tier 2)	-	-	3	11	13	900	3,300	
18	95% Efficient Furnace (tier 3)	31	10,850	145	132	754	50,750	46,200	
19	95% Efficient Furnace with ECM (tier 4)	1	400	1	13	5	400	4,550	
20	2.6 MEF Washer	-	-	174	84	242	8,700	4,200	
21	Gas Water Heater - Tier 1	2	100	243	37	332	12,150	1,850	
22	Gas Water Heater - Tier 2	-	-	1	5	3	100	500	
23	Condensing Gas Water Heater	-	-	-	5	-	-	1,750	
24	Hybrid Gas Water Heater	-	-	-	5	-	-	1,750	
25	Boilers Tier 1	-	-	-	5	-	-	3,000	
26	Boilers Tier 2	-	-	1	5	13	600	3,000	
27	Solar Assisted Water Heater	-	-	-	5	-	-	3,750	
28	Direct Vent Gas Fireplace	-	-	-	5	-	-	1,000	
29	Tankless Gas Water Heater (tier 1)	-	-	-	5	-	-	1,500	
30	Tankless Gas Water Heater (tier 2)	2	700	4	10	31	1,400	3,500	
31	90% Plus AFUE Condensing Gas Furnace	-	-	35	-	358	10,500	-	
32	Energy Star Clothes Washer - Tier 1	-	-	1	-	1	50	-	
33	Energy Star Clothes Washer - Tier 2	-	-	19	-	28	1,425	-	
34	High Efficiency Gas Clothes Dryer - Residential	-	-	2	-	1	60	-	
35	Tankless Gas Water Heater (tier 1)	-	-	7	-	51	2,100	-	
36	Administrative & Overheads	N/A	431,167	N/A	N/A	N/A	1,466,329	1,560,828	
37	Total	3,710	\$ 1,361,667	15,167	19,000	128,193	\$ 4,881,214	\$ 5,948,078	

*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 December 31, 2012

Line #	Program	4th Quarter 2012		Total 2012		Actual Costs	Budget
		Participants	Costs	Participants	Estimated Participants		
1	90% Efficient Furnace (Tier 1)	18	\$ 3,600	41	48	\$ 272	\$ 8,200
2	92% Efficient Furnace (Tier 2)	317	95,100	770	101	5,852	231,000
3	95% Efficient Furnace (Tier 3)	416	145,600	931	19	8,342	325,850
4	95% Efficient Furnace with ECM (Tier 4)	163	65,200	180	50	1,613	72,000
5	Energy Star 2.5	145	36,250	613	425	14,320	153,250
6	Energy Star 3.0	66	19,800	72	425	1,763	21,600
7	High Performance Homes	22	11,000	29	3	1,002	14,500
8	ThermiWise Builder Option Package 1 (Builder Cert)	97	4,850	99	992	1,354	4,950
9	ThermiWise Builder Option Package 2 (Rater Cert)	1	100	2	992	34	200
10	2x6 Walls	276	96,600	439	495	4,495	153,650
11	Tier 1 Storage Water Heater	391	19,550	825	462	1,129	41,250
12	.67 EF Storage Water Heater	63	6,300	122	361	386	12,200
13	Condensing Gas Water Heater	-	-	1	13	7	350
14	Hybrid Gas Water Heater	4	1,400	13	13	106	4,550
15	Gas Boiler Rebates Paid - Tier 1	2	800	2	13	19	800
16	Gas Boiler Rebates Paid - Tier 2	4	2,400	9	13	116	5,400
17	Solar Assisted Water Heater Rebates Paid	20	15,000	34	14	476	25,500
18	Tankless Water Heater	2	800	4	40	28	1,200
19	Tankless Water Heater Tier 2	26	9,100	39	26	300	13,650
20	R-5 Window	2	1,305	2	5	12	1,305
21	Energy Star 2.5	496	74,400	619	38	7,081	92,850
22	Energy Star 3.0	1	200	32	38	376	6,400
23	High Performance Homes	37	11,100	73	1	1,209	21,900
24	ThermiWise Builder Option Package 1	8	400	8	89	42	400
25	ThermiWise Builder Option Package 2	338	33,800	338	89	2,244	33,800
26	2x6 Walls	511	76,650	705	33	2,256	105,750
27	Tier 1 Storage Water Heater	306	15,300	464	16	635	23,200
28	.67 EF Storage Water Heater	50	5,000	61	99	193	6,100
29	Condensing Gas Water Heater	-	-	-	1	-	-
30	Hybrid Gas Water Heater	-	-	-	1	-	350
31	Tankless Water Heater	-	-	2	4	14	600
32	Tankless Water Heater Tier 2	10	3,500	14	3	108	4,900
33	90% Efficient Furnace (Tier 1)	-	-	-	47	-	9,400
34	92% Efficient Furnace (Tier 2)	546	163,800	741	78	3,320	222,300
35	95% Efficient Furnace (Tier 3)	132	46,200	313	29	1,628	109,550
36	95% Efficient Furnace with ECM (Tier 4)	34	13,600	210	2	1,092	84,000
37	Boilers Tier 1	-	-	-	1	-	400
38	Boilers Tier 2	-	-	-	1	-	600
39	R-5 Window	-	-	-	1	-	500
40	Solar Assisted Water Heater	35	26,250	132	1	1,848	99,000
41	90% Plus FUE Condensing Gas Furnace - Home Builder	-	-	12	-	87	3,600
42	ENERGY STAR Homes	-	-	29	-	139	14,500
43	Tankless Water Heater	-	-	10	-	21	3,000
44	High Performance Homes	-	-	-	-	-	-
45	ThermiWise Builder Option Package 1	-	-	-	-	-	-
46	ThermiWise Builder Option Package 2	-	-	199	-	3,248	139,300
47	ThermiWise Builder Option Package 3	-	-	6	-	134	5,100
48	2010 ENERGY STAR Multifamily	484	121,000	712	-	3,344	178,000
49	2011 ENERGY STAR Multifamily	-	-	173	-	1,250	86,500
50	Administrative & Overheads	N/A	289,346	N/A	N/A	N/A	864,760.33
51	Total	5,023	\$ 1,415,101	9,080	5,082	\$ 71,894	\$ 3,196,916
							\$ 2,843,594

*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 December 31, 2012

Line #	Program	4th Quarter 2012		Total 2012				
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	90% Plus AFUE Condensing Gas Furnace	1	\$ 200	4	1	45	\$ 800	\$ 200
2	92% Plus AFUE Condensing Gas Furnace - Commercial	9	2,700	45	77	583	13,500	23,100
3	94% Plus AFUE Condensing Gas Furnace - Commercial	25	10,000	99	220	1,434	39,600	88,000
4	Boiler Reset Control	-	-	1	52	59	250	13,000
5	Boiler Tune-up	5	1,500	120	69	4,691	35,854	19,159
6	Attic Insulation (new construction)	1	434	2	55	36	1,399	33,000
7	Attic Insulation (retrofit)	9	22,211	40	385	1,875	120,952	924,000
8	Wall Insulation (new construction)	3	170	4	3	7	432	765
9	Wall Insulation (retrofit)	1	4,515	8	22	203	8,411	22,440
10	Windows - site built (new construction)	-	-	-	-	-	-	-
11	Windows - pre fab (new construction)	25	115	25	5	7	115	8,400
12	Windows - site built (retrofit)	-	-	-	-	-	-	-
13	Windows - pre fab (retrofit)	19	76	22	2	9	124	4,442
14	High Efficiency Gas Combo Oven	-	-	1	14	32	1,000	14,000
15	Energy Star Gas Commercial Fryer	-	-	-	10	-	-	10,000
16	High Efficiency Gas Convection Oven	3	1,500	23	15	297	11,500	15,000
17	High Efficiency Gas Griddle	-	-	-	8	-	-	2,400
18	Direct Contact Water Heater	1	10,890	1	2	1,814	10,890	15,400
19	2.6 MEF Washer	-	-	1	2	1	50	100
20	Commercial Clothes Washer	-	-	3	2	6	225	150
21	Gas Storage Water Heater - Tier 1 <75Kbtu	1	50	4	2	4	200	100
22	Gas Storage Water Heater - Tier 2 <75Kbtu .67	-	-	1	1	3	100	100
23	Gas Storage Water Heater >75Kbtu	2	2,000	12	15	454	6,486	44,989
24	Gas Unit Heater NonCondensing	-	-	24	400	258	7,313	110,023
25	Gas Unit Heater Condensing	13	18,300	50	120	1,964	86,820	158,421
26	High Efficiency Boiler Hot Water Tier 1	-	-	6	20	450	6,266	3,998
27	High Efficiency Boiler Hot Water Tier 2	9	30,547	31	22	13,855	165,837	57,203
28	High Efficiency Boiler Steam Tier 1	-	-	-	2	-	-	401
29	High Efficiency Boiler Steam Tier 2	-	-	8	2	2,076	69,686	5,989
30	High Efficiency Gas Water Heater - Tankless <200KBTU	9	1,194	17	29	364	5,156	6,593
31	High Efficiency Gas Water Heater - Tankless >200KBTU	1	314	2	15	56	788	6,295
32	Infrared Heating System	81	80,500	503	300	25,585	332,213	90,010
33	Low Flow Pre-riase Spray Valve	-	-	-	15	-	-	375
34	Energy Star Gas Steam Cooker	-	-	-	5	-	-	5,000
35	Condensing Gas Water Heater	-	-	-	5	-	-	1,750
36	Hybrid Gas Water Heater	-	-	-	5	-	-	1,750
37	Gas Pack Roof-top Unit	-	-	-	2	-	-	2,000
38	Energy Star Horizontal Clothes Washer - Tier 1	-	-	-	-	-	-	-
39	Energy Star Horizontal Clothes Washer - Tier 2	-	-	-	-	-	-	-
40	Programmable Thermostat - Commercial	-	-	-	-	-	-	-
41	Gas Clothes Dryer	-	-	-	-	-	-	-
42	Administrative & Overheads	N/A	278,555	N/A	N/A	N/A	649,657	638,703
43	Total	218	\$ 445,771	1,057	1,904	\$ 56,168	\$ 1,575,674	2,327,255

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

Questar Gas Company
 ThermaWise Home Energy Audits - Utah Programs
 As of December 31, 2012

Line #	Program	4th Quarter 2012		Total 2012					
		Actual Participants**	Costs	Audits / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	ThermaWise Home Energy Audits								
2	Audit Efficiency Measures	556	\$ 3,425	2,000	3,872	3,773	6,355	\$ 13,901	\$ 26,850
3	Programmable Thermostat - Residential	19	570	67	N/A	84	143	2,010	2,520
4	Administrative & Overheads	N/A	153,024	N/A	N/A	N/A	N/A	611,043	816,474
5	Total	575	\$ 157,020	2,067	3,872	3,857	6,498	\$ 626,954	\$ 845,844

*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 ThermaWise Home Energy Auditors.

Questar Gas Company
ThermWise Weatherization Rebates Program - Utah Programs
 As of December 31, 2012

Line #	Program	4th Quarter 2012		Total 2012					
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	Attic Insulation Tier 1 - .25 per sq. ft	4,484	\$ 1,451,241	10,283	19,788	63,383	\$ 3,737,215	\$ 6,688,344	
2	Attic Insulation Tier 2	2,601	406,348	7,967	13,584	23,434	1,577,315	1,277,983	
3	Floor Insulation	60	12,282	358	780	1,687	62,004	131,820	
4	Wall Insulation	177	47,512	852	1,620	3,208	226,978	363,042	
5	Windows	805	98,721	4,913	16,572	15,015	432,785	787,170	
6	Duct Sealing & Insulation	21	6,753	45	936	485	16,046	392,400	
7	R-5 Windows	75	2,648	121	20	78	3,484	2,500	
8	Air Sealing	88	49,803	91	250	828	51,766	162,500	
9	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	654	182,538	5,017	1,400	19,442	1,146,320	350,000	
10	Attic Insulation (multifamily) Tier 2	217	18,088	5,134	1,400	4,715	317,365	98,000	
11	Floor Insulation (multifamily)	-	-	1	10	5	174	2,000	
12	Wall Insulation (multifamily)	-	-	658	10	1,798	127,235	4,950	
13	Windows (multifamily)	144	12,182	283	150	1,136	32,737	28,500	
14	R-5 Windows	-	-	-	2	-	-	250	
15	Duct Sealing & Insulation (multifamily)	1,743	234,898	5,877	2,000	37,613	909,183	347,755	
16	Duct Insulation	-	-	3	-	17	750	-	
17	Duct Sealing	-	-	-	-	-	-	-	
18	Attic Insulation Tier 1	-	-	1,619	-	9,391	442,973	-	
19	Attic Insulation (multifamily) Tier 1	-	-	400	-	1,682	79,342	-	
20	Administrative & Overheads	N/A	293,686	N/A	N/A	N/A	860,079	1,542,819	
21	Total	11,069	\$ 2,816,700	43,622	58,522	183,917	\$ 10,023,753	\$ 12,180,033	

*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 December 31, 2012

Line #	Program	4th Quarter 2012		Total 2012					
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	Business Custom Rebates	5	\$ 22,440	19	40	17,496	\$ 162,359	\$ 268,226	
2	Administrative & Overheads	N/A	153,656	N/A	N/A	N/A	445,604	577,577	
3	Total	5	\$ 176,096	19	40	17,496	\$ 607,963	\$ 845,803	

*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 December 31, 2012

Line #	Program	4th Quarter 2012		Total 2012			
		Participants	Costs	Actual Participants	Estimated Participants	Actual Costs	Budget
1	Market Transformation Total	N/A	\$ 360,357	N/A	N/A	\$ 1,093,032	\$ 2,115,020

Questar Gas Company
Low Income Weatherization - Utah Programs
As of December 31, 2012

Line #	Program	4th Quarter 2012		Year-to-date 2012					
		Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	95% Efficient Furnace	57	\$ 19,950	57	631	1,169	\$ 19,950	\$ 220,850	
2	Gas Water Heater - Tier 2	2	200	2	-	8	200	-	
3	Attic Insulation - Tier 1	142	33,855	142	547	718	33,855	173,837	
4	Attic Insulation Tier 2	34	1,978	34	-	37	1,978	-	
5	Floor Insulation	54	6,931	54	232	236	6,931	49,416	
6	Wall Insulation	46	10,013	46	198	177	10,013	58,443	
7	Windows	79	912	7	481	40	912	48,581	
8	Programmable Thermostat	52	1,560	52	579	138	1,560	17,370	
9	Duct Sealing & Insulation	92	37,487	92	214	1,240	37,487	93,518	
10	Low Income Furnace Replacement	500	250,000	500	500	10,250	500,000	500,000	
11	Administrative & Overheads	N/A	-	N/A	N/A	N/A	-	67,348	
12	Total	1,058	\$ 362,886	986	3,382	14,011	\$ 612,886	\$ 1,229,363	