



UTAH PUBLIC  
SERVICE COMMISSION

2012 DEC 21 P 3:08

**Questar Gas Company**  
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**Barrie L. McKay**  
General Manager, Regulatory Affairs & Energy Efficiency

306838

December 21, 2012

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

Dear Chris:

Docket No. 12-999-02

Attached please find a copy of the Energy Efficiency Report for the quarter ended September 30, 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 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: Marlin Barrow, DPU  
Public Service Commission  
Office of Consumer Services

Questar Gas Company  
 Energy Efficiency Report - Utah Programs  
 As of September 30, 2012

Line #	Program	3rd Quarter 2012		Year-to-date 2012						
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget		
		Participants	Costs							
1	ThermWise Appliance Rebates	3,027	\$ 1,007,247	11,456	19,000	92,326	\$ 3,519,347	\$ 5,948,078		
2	ThermWise Builder Rebates	480	378,409	4,057	5,082	35,955	1,781,815	2,843,594		
3	ThermWise Business Rebates	270	321,836	839	1,904	45,277	1,129,903	2,327,255		
4	ThermWise Home Energy Audits	582	156,960	1,655	3,857	5,998	466,125	845,844		
5	ThermWise Weatherization Rebates	14,049	3,733,725	32,553	58,522	132,802	7,206,542	12,180,033		
6	ThermWise Business Custom Rebates	6	262,176	14	40	15,096	431,867	845,803		
7	Market Transformation	N/A	101,459	N/A	N/A	N/A	732,676	2,115,020		
8	Low Income Weatherization	-	250,000	-	3,382	-	500,000	1,229,363		
9	<b>Programs Total</b>	<b>18,414</b>	<b>\$ 6,211,812</b>	<b>50,574</b>	<b>91,787</b>	<b>327,454</b>	<b>\$ 15,768,274</b>	<b>\$ 28,334,990</b>		
10	DSM Interest	-	171,108	N/A	N/A	-	496,116	-		
11	DSM Amortization	-	(2,492,509)	N/A	N/A	-	(26,736,973)	-		
12	DSM General Administration	-	(33,470)	N/A	N/A	N/A	(33,470)	-		
13	<b>Current Balance</b>	<b>18,414</b>	<b>\$ 3,856,941</b>	<b>50,574</b>	<b>91,787</b>	<b>327,454</b>	<b>\$ (10,506,053)</b>	<b>\$ 28,334,990</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 September 30, 2012**

Line#	Program	3rd Quarter 2012		Year-to-date 2012					
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
		Participants	Costs						
1	90% Efficient Furnace (tier 1)	2	\$ 400	14	86	151	\$ 2,800	\$ 17,200	
2	92% Efficient Furnace (tier 2)	59	17,700	405	692	5,378	121,500	207,600	
3	95% Efficient Furnace (tier 3)	387	135,450	2,300	8,108	37,720	805,000	2,837,800	
4	95% Efficient Furnace with ECM (tier 4)	538	215,200	1,731	802	28,388	692,400	320,800	
5	2.6 MEF Washer	770	38,500	3,339	5,147	4,848	166,950	257,350	
6	Gas Water Heater - Tier 1	294	14,700	1,459	2,279	1,996	72,950	113,950	
7	Gas Water Heater - Tier 2	68	6,800	205	177	649	20,500	17,700	
8	Condensing Gas Water Heater	4	1,400	23	36	169	8,050	12,600	
9	Hybrid Gas Water Heater	7	2,450	50	86	408	17,500	30,100	
10	Boilers Tier 1	3	1,200	10	56	150	4,000	22,400	
11	Boilers Tier 2	11	6,600	54	105	1,089	32,400	42,000	
12	Solar Assisted Water Heater	8	6,000	260	158	3,640	195,000	118,500	
13	Direct Vent Gas Fireplace	14	2,800	147	21	1,270	29,400	4,200	
14	Tankless Gas Water Heater (tier 1)	13	3,900	109	321	767	32,700	96,300	
15	Tankless Gas Water Heater (tier 2)	89	31,150	373	594	2,865	130,550	207,900	
16	90% Efficient Furnace (tier 1)	354	70,800	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)	1	350	114	132	593	39,900	46,200	
19	95% Efficient Furnace with ECM (tier 4)	-	-	-	13	-	-	4,550	
20	2.6 MEF Washer	160	8,000	174	84	242	8,700	4,200	
21	Gas Water Heater - Tier 1	236	11,800	241	37	330	12,050	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	2	10	15	700	3,500	
31	90% Plus AFUE Condensing Gas Furnace	1	300	35	-	358	10,500	-	
32	Energy Star Clothes Washer - Tier 1	-	-	1	-	1	50	-	
33	Energy Star Clothes Washer - Tier 2	1	75	19	-	28	1,425	-	
34	High Efficiency Gas Clothes Dryer - Residential	-	-	2	-	1	60	-	
35	Tankless Gas Water Heater (tier 1)	5	1,500	7	-	51	2,100	-	
36	Administrative & Overheads	N/A	429,472	N/A	N/A	N/A	1,035,162	1,560,828	
37	<b>Total</b>	<b>3,027</b>	<b>\$ 1,007,247</b>	<b>11,456</b>	<b>19,000</b>	<b>\$ 92,326</b>	<b>\$ 3,519,347</b>	<b>\$ 5,948,078</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 September 30, 2012

Line #	Program	3rd Quarter 2012			Year-to-date 2012					
		Participants	Costs	Actual	Actual Participants	Estimated Participants	Savings*	Dth	Actual Costs	Budget
1	90% Efficient Furnace (tier 1)	4	\$ 800	23	48	153	\$	4,600	\$	9,600
2	92% Efficient Furnace (tier 2)	23	6,900	463	101	3,443		135,900		30,300
3	95% Efficient Furnace (tier 3)	85	29,750	515	19	4,614		180,250		6,650
4	95% Efficient Furnace with ECM (tier 4)	-	-	17	50	152		6,800		20,000
5	Energy Star 2.5	88	22,000	468	425	10,932		117,000		361,250
6	Energy Star 3.0	-	-	6	425	147		1,800		382,500
7	High Performance Homes	3	1,500	7	3	242		3,500		3,450
8	ThermWise Builder Option Package 1 (Builder Cert)	-	-	2	992	27		100		297,600
9	ThermWise Builder Option Package 2 (Rater Cert)	-	-	1	992	17		100		347,200
10	2x6 Walls	15	5,250	163	495	1,669		57,050		173,250
11	Tier 1 Storage Water Heater	44	2,200	434	462	594		21,700		23,100
12	.67 EF Storage Water Heater	1	100	59	361	187		5,900		36,100
13	Condensing Gas Water Heater	1	350	1	13	7		350		4,950
14	Hybrid Gas Water Heater	-	-	9	13	73		3,150		4,550
15	Gas Boiler Rebates Paid - Tier 1	-	-	-	13	-		-		5,200
16	Gas Boiler Rebates Paid - Tier 2	-	-	5	13	64		3,000		7,800
17	Solar Assisted Water Heater Rebates Paid	6	4,500	14	14	196		10,500		10,500
18	Tankless Water Heater	2	600	2	40	14		600		12,000
19	Tankless Water Heater Tier 2	3	1,050	13	26	100		4,550		9,100
20	R-5 Window	-	-	-	5	-		-		2,502
21	Energy Star 2.5	-	-	123	38	1,407		18,450		20,900
22	Energy Star 3.0	-	-	31	38	365		6,200		22,800
23	High Performance Homes	12	3,600	36	1	596		10,800		700
24	ThermWise Builder Option Package 1	-	-	-	89	-		-		26,700
25	ThermWise Builder Option Package 2	-	-	-	33	621		29,100		31,150
26	2x6 Walls	12	1,800	194	33	495		4,950		4,950
27	Tier 1 Storage Water Heater	73	3,650	156	16	216		7,900		800
28	.67 EF Storage Water Heater	-	-	11	99	35		1,100		9,900
29	Condensing Gas Water Heater	-	-	-	1	-		-		350
30	Hybrid Gas Water Heater	-	-	-	1	-		-		350
31	Tankless Water Heater	-	-	2	4	14		600		1,200
32	Tankless Water Heater Tier 2	-	-	4	3	31		1,400		1,050
33	90% Efficient Furnace (tier 1)	-	-	-	47	-		-		9,400
34	92% Efficient Furnace (tier 2)	74	22,200	195	78	874		98,500		23,400
35	95% Efficient Furnace (tier 3)	13	4,550	181	29	941		63,350		10,150
36	95% Efficient Furnace with ECM (tier 4)	9	3,600	176	2	915		70,400		800
37	Boilers Tier 1	-	-	-	-	-		-		400
38	Boilers Tier 2	-	-	-	1	-		-		600
39	R-5 Window	-	-	-	1	-		-		500
40	Solar Assisted Water Heater	12	9,000	97	1	1,358		72,750		750
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	ThermWise Builder Option Package 1	-	-	-	-	-		-		-
46	ThermWise Builder Option Package 2	-	-	199	-	3,248		139,300		-
47	ThermWise Builder Option Package 3	-	-	6	-	134		5,100		-
48	2010 ENERGY STAR Multifamily	-	-	228	-	1,071		57,000		-
49	2011 ENERGY STAR Multifamily	-	-	173	-	1,250		86,500		-
50	Administrative & Overheads	N/A	255,009	N/A	N/A	N/A		575,415		929,542
51	Total	480	\$ 378,409	4,057	5,082	35,955	\$	1,781,815	\$	2,843,594

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

**Questar Gas Company**  
**ThermWise Business Rebates Program - Utah Programs**  
**As of September 30, 2012**

Line#	Program	3rd Quarter 2012			Year-to-date 2012				
		Actual			Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs						
1	90% Plus AFUE Condensing Gas Furnace	2	\$ 400	3	1	34	\$ 600	\$ 200	
2	92% Plus AFUE Condensing Gas Furnace - Commercial	32	9,600	36	77	467	10,800	23,100	
3	94% Plus AFUE Condensing Gas Furnace - Commercial	21	8,400	74	220	1,072	29,600	88,000	
4	Boiler Reset Control	1	250	1	52	59	250	13,000	
5	Boiler Tune-up	23	6,900	115	69	4,495	34,354	19,159	
6	Attic Insulation (new construction)	1	965	1	55	25	965	33,000	
7	Attic Insulation (retrofit)	7	7,210	31	385	1,530	98,741	924,000	
8	Wall Insulation (new construction)	1	263	1	3	4	263	765	
9	Wall Insulation (retrofit)	1	27	7	22	94	3,896	22,440	
10	Windows - site built (new construction)	-	-	-	-	-	-	-	
11	Windows - pre fab (new construction)	-	-	-	5	-	-	8,400	
12	Windows - site built (retrofit)	-	-	-	-	-	-	-	
13	Windows - pre fab (retrofit)	-	-	3	2	4	48	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	8	4,000	20	15	258	10,000	15,000	
17	High Efficiency Gas Griddle	-	-	-	8	-	-	2,400	
18	Direct Contact Water Heater	-	-	-	2	-	-	15,400	
19	2.6 MEF Washer	1	50	1	2	1	50	100	
20	Commercial Clothes Washer	-	-	3	2	6	225	150	
21	Gas Storage Water Heater - Tier 1 <75kBtu	1	50	3	2	3	150	100	
22	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	1	1	3	100	100	
23	Gas Storage Water Heater >75kBtu	4	2,096	10	15	314	4,486	44,989	
24	Gas Unit Heater NonCondensing	2	500	24	400	258	7,313	110,023	
25	Gas Unit Heater Condensing	-	-	37	120	1,550	68,520	158,421	
26	High Efficiency Boiler Hot Water Tier 1	4	5,586	6	20	450	6,266	3,998	
27	High Efficiency Boiler Hot Water Tier 2	5	24,375	22	22	11,304	135,340	57,203	
28	High Efficiency Boiler Steam Tier 1	-	-	-	2	-	-	401	
29	High Efficiency Boiler Steam Tier 2	-	-	8	2	2,077	69,686	5,989	
30	High Efficiency Gas Water Heater - Tankless <200kBtu	7	3,564	8	29	279	3,962	6,593	
31	High Efficiency Gas Water Heater - Tankless >200kBtu	1	474	1	15	33	474	6,295	
32	Infrared Heating System	148	119,715	422	300	20,924	271,713	90,010	
33	Low Flow Pre-rinse 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 Peak 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	127,411	N/A	N/A	N/A	371,102	638,703	
43	<b>Total</b>	<b>270</b>	<b>\$ 321,836</b>	<b>839</b>	<b>1,904</b>	<b>45,277</b>	<b>\$ 1,129,903</b>	<b>2,327,255</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 September 30, 2012**

Line #	Program	3rd Quarter 2012		Year-to-date 2012							
		Actual Participants**	Actual Costs	Audits / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget		
1	ThermWise Home Energy Audits										
2	Audit Efficiency Measures	565	\$ 3,425	1,590	3,263	3,773	5,860	\$ 10,034	\$ 26,850		
3	Programmable Thermostat - Residential	17	510	65	N/A	84	138	1,950	2,520		
4	Administrative & Overheads	N/A	153,024	N/A	N/A	N/A	N/A	454,141	816,474		
5	<b>Total</b>	<b>582</b>	<b>\$ 156,960</b>	<b>1,655</b>	<b>3,263</b>	<b>3,857</b>	<b>5,998</b>	<b>\$ 466,125</b>	<b>\$ 845,844</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 September 30, 2012**

Line #	Program	3rd Quarter 2012		Year-to-date 2012				
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	Attic Insulation Tier 1 - .25 per sq. ft	3,276	\$ 1,388,774	5,799	19,788	38,761	\$ 2,285,464	\$ 6,688,344
2	Attic Insulation Tier 2	2,367	878,609	5,366	13,584	17,397	1,170,967	1,277,983
3	Floor Insulation	66	13,329	298	780	1,352	49,723	131,820
4	Wall Insulation	173	45,930	675	1,620	2,536	179,466	363,042
5	Windows	1,036	142,348	4,108	16,572	11,590	334,064	787,170
6	Duct Sealing & Insulation	8	2,918	24	936	259	9,294	392,400
7	R-5 Windows	46	836	46	20	19	836	2,500
8	Air Sealing	3	1,963	3	250	31	1,963	162,500
9	Attic Insulation Tier 1 (multifamily) - .25 per sq. ft	2,451	533,955	4,363	1,400	16,346	963,782	350,000
10	Attic Insulation (multifamily) Tier 2	1,976	120,189	4,917	1,400	4,446	299,277	99,000
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)	120	18,324	139	150	713	20,554	28,500
14	R-5 Windows	-	-	-	2	-	-	250
15	Duct Sealing & Insulation (multifamily)	2,527	398,956	4,134	2,000	26,458	674,285	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	187,594	N/A	N/A	N/A	566,393	1,542,819
21	<b>Total</b>	<b>14,049</b>	<b>\$ 3,733,725</b>	<b>32,553</b>	<b>58,522</b>	<b>132,802</b>	<b>\$ 7,206,542</b>	<b>\$ 12,180,033</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 September 30, 2012**

Line #	Program	3rd Quarter 2012		Year-to-date 2012					
		Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	Business Custom Rebates	6	\$ 121,821	14	40	15,096	\$ 139,919	\$ 268,226	
2	Administrative & Overheads	N/A	140,355	N/A	N/A	N/A	291,948	577,577	
3	<b>Total</b>	6	\$ 262,176	14	40	15,096	\$ 431,867	\$ 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 September 30, 2012**

Line #	Program	3rd Quarter 2012		Year-to-date 2012			
		Participants	Actual Costs	Actual Participants	Estimated Participants	Actual Costs	Budget
1	Market Transformation Total	N/A	\$ 101,459	N/A	N/A	\$ 732,676	\$ 2,115,020

Questar Gas Company  
 Low Income Weatherization - Utah Programs  
 As of September 30, 2012

Line #	Program	3rd Quarter 2012		Year-to-date 2012					
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
		Participants	Costs						
1	95% Efficient Furnace	-	\$ -	-	631	-	\$ -	220,850	
2	Attic Insulation - Tier 1	-	-	-	547	-	-	173,837	
3	Floor Insulation	-	-	-	232	-	-	49,416	
4	Wall Insulation	-	-	-	198	-	-	58,443	
5	Windows	-	-	-	481	-	-	48,581	
6	Programmable Thermostat	-	-	-	579	-	-	17,370	
7	Duct Sealing & Insulation	-	-	-	214	-	-	93,518	
8	Low Income Furnace Replacement	-	250,000	-	500	-	500,000	500,000	
9	Administrative & Overheads	N/A	-	N/A	N/A	-	-	67,348	
10	<b>Total</b>	-	\$ 250,000	-	3,382	-	\$ 500,000	1,229,363	