



Questar Gas Company  
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UTAH PUBLIC  
SERVICE COMMISSION

2012 MAR 19 P 3:46

Barrie L. McKay  
General Manager Regulatory Affairs

290013

March 7, 2012

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

RECEIVED

Dear Chris:

Docket No. 12-999-02

Attached please find a copy of the Energy Efficiency Report for the year ended December 31, 2011.

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.

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 December 31, 2011

Line #	Program	4th Quarter 2011		Year-to-date 2011					
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	ThermWise Appliance Rebates	3,686	\$ 1,501,527	22,522	31,430	149,790	\$ 5,862,110	\$ 7,533,770	
2	ThermWise Builder Rebates	1,346	684,534	7,077	3,657	44,574	3,441,718	2,639,661	
3	ThermWise Business Rebates	220	684,570	881	1,039	64,997	1,296,492	1,299,182	
4	ThermWise Home Energy Audits	443	90,326	1,581	3,773	4,011	519,284	760,634	
5	ThermWise Weatherization Rebates	9,987	1,725,790	51,205	78,826	180,117	8,843,392	17,296,837	
6	ThermWise Business Custom Rebates	1	142,742	17	15	16,211	416,450	452,588	
7	Market Transformation	N/A	381,501	N/A	N/A	N/A	1,409,095	1,752,124	
8	Low Income Weatherization	N/A	-	N/A	N/A	N/A	500,000	500,000	
9	<b>Programs Total</b>	<b>15,683</b>	<b>\$ 5,210,990</b>	<b>83,283</b>	<b>118,740</b>	<b>459,700</b>	<b>\$ 22,288,542</b>	<b>\$ 32,234,796</b>	
10	DSM Interest	-	484,094	N/A	N/A	N/A	1,400,277	-	
11	DSM Amortization	-	(3,028,611)	N/A	N/A	N/A	(24,788,216)	-	
12	DSM General Administration	-	-	N/A	N/A	N/A	-	-	
13	<b>Current Balance</b>	<b>15,683</b>	<b>\$ 2,666,473</b>	<b>83,283</b>	<b>118,740</b>	<b>459,700</b>	<b>\$ (1,099,398)</b>	<b>\$ 32,234,796</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 December 31, 2011

Line#	Program	4th Quarter 2011		Year-to-date 2011				
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	90% Efficient Furnace (tier 1)	7	1,400	52	500	562	\$ 10,400	100,000
2	92% Efficient Furnace (tier 2)	152	45,600	409	3,000	5,432	\$ 122,700	900,000
3	95% Efficient Furnace (tier 3)	1,678	587,300	4,280	8,400	69,864	1,491,000	2,940,000
4	2.6 MEF Washer	904	45,200	2,785	12,000	3,877	139,250	600,000
5	Gas Water Heater - Tier 1	458	22,900	2,300	4,000	3,146	15,900	200,000
6	Gas Water Heater - Tier 2	44	4,400	159	500	504	15,900	50,000
7	Condensing Gas Water Heater	11	3,850	33	20	243	11,550	7,000
8	Hybrid Gas Water Heater	19	6,850	67	20	547	23,450	7,000
9	Gas Boiler (2010 specs)	1	400	112	-	1,443	44,800	-
10	Gas Boiler (2011 specs)			1	225	20	600	135,000
11	Solar Assisted Water Heater	2	1,500	26	20	364	19,500	15,000
12	Direct Vent Gas Fireplace	33	6,600	56	20	484	11,200	4,000
13	Tankless Gas Water Heater (tier 1)	4	1,200	462	600	3,252	138,600	180,000
14	Tankless Gas Water Heater (tier 2)	110	38,500	361	900	2,772	126,350	315,000
15	90% Plus AFUE Condensing Gas Furnace	54	16,200	3,837	-	39,229	1,151,100	-
16	Energy Star Clothes Washer - Tier 1	1	50	176	-	200	8,800	-
17	Energy Star Clothes Washer - Tier 2	27	2,025	4,947	-	7,266	371,025	-
18	High Efficiency Gas Clothes Dryer - Residential	3	90	757	-	556	22,710	-
19	2.6 MEF Washer (Multi-family)	14	700	31	500	43	1,550	25,000
20	Gas Water Heater Tier 1 (Multi-family)			70	30	96	3,500	1,500
21	Gas Water Heater Tier 2 (Multi-family)			100	-	317	10,000	500
22	Condensing Gas Water Heater (Multi-family)			-	5	-	-	1,750
23	Hybrid Gas Water Heater (Multi-family)			2	5	16	700	1,750
24	Tankless Gas Water Heater (tier 1) (Multi-family)	29	8,700	109	20	767	32,700	6,000
25	Tankless Gas Water Heater (tier 2) (Multi-family)			-	5	-	-	1,750
26	90% Efficient Furnace (tier 1) (Multi-family)			-	50	-	-	10,000
27	92% Efficient Furnace (tier 2) (Multi-family)			9	500	40	2,700	150,000
28	95% Efficient Furnace (tier 3) (Multi-family)	5	1,750	77	100	400	26,950	35,000
29	Direct Vent Gas Fireplace (Multi-family)	2	400	2	10	7	400	2,000
30	Boilers 2011 Specs (Multi-family)	27	16,200	53	-	683	31,800	3,000
31	ENERGY STAR Tier 1 Clothes Washer (Multi-family)			6	-	7	300	-
32	ENERGY STAR Tier 2 Clothes Washer (Multi-family)			83	-	122	6,225	-
33	Gas Dryer (Multi-family)			6	-	4	180	-
34	Residential Gas Boiler 2010 Specs (Multi-family)			1	-	13	400	-
36	90+ Furnace (Multi-family)			999	-	4,723	290,700	-
37	Tankless Water Heater (Multi-family)			10	-	73	3,000	-
38	Solar Assisted Water Heater (Multi-family)	101	75,750	194	-	2,716	145,500	3,750
39	Administrative & Overheads	N/A	614,162	N/A	-	N/A	1,481,570	1,838,770
40	Total	3,686	\$ 1,501,527	22,522	31,430	149,790	\$ 5,862,110	7,533,770

\*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 December 31, 2011

Line #	Program	4th Quarter 2011		Year-to-date 2011				
		Actual	Actual	Actual	Estimated	Dth	Actual	Budget
		Participants	Costs	Participants	Participants	Savings*	Costs	
1	ThermWise Builder Option Package 1	-	\$ -	3	1,550	\$ 32	1,800	930,000
2	ThermWise Builder Option Package 2	115	80,500	127	150	2,073	88,900	105,000
3	ThermWise Builder Option Package 3	5	4,250	33	10	739	28,050	8,500
4	Tier 1 Storage Water Heater	169	8,450	545	25	746	27,250	1,250
5	.67 EF Storage Water Heater	-	-	3	5	10	300	500
6	Condensing Gas Water Heater	1	350	1	10	7	350	3,500
7	Hybrid Gas Water Heater	7	2,450	17	10	139	5,950	3,500
8	Tankless Water Heater	-	-	67	50	590	20,100	15,000
9	Tankless Water Heater Tier 2	3	1,050	5	5	48	1,750	1,750
10	90% Efficient Furnace (tier 1)	27	5,400	89	500	583	17,800	100,000
11	92% Efficient Furnace (tier 2)	298	89,400	433	300	3,434	135,900	90,000
12	95% Efficient Furnace (tier 3)	95	33,250	281	50	2,578	98,350	17,500
13	Gas Boiler (2010 specs)	1	400	66	-	945	26,400	-
14	Gas Boiler (2011 specs)	2	1,200	5	5	64	3,000	3,000
15	Solar Assisted Water Heater Rebates Paid	-	-	27	1	378	20,250	750
16	90% Plus AFUE Condensing Gas Furnace - Home Builder	110	33,000	1,602	-	11,663	480,600	-
17	ENERGY STAR Homes	261	130,500	2,311	-	13,802	1,155,500	-
18	High Performance Homes	-	-	1	-	8	800	-
19	2010 ENERGY STAR Multifamily	121	30,250	1,242	400	5,832	310,500	100,000
20	2011 ENERGY STAR Multifamily	4	2,000	4	100	29	2,000	50,000
21	Tier 1 Storage Water Heater	17	850	17	25	23	850	1,250
22	.67 EF Storage Water Heater	22	2,200	24	5	76	2,400	500
23	Condensing Gas Water Heater	-	-	-	10	-	-	3,500
24	Hybrid Gas Water Heater	-	-	-	10	-	-	3,500
25	Tankless Water Heater	-	-	3	50	26	900	15,000
26	Tankless Water Heater Tier 2	-	-	-	5	-	-	1,750
27	90% Efficient Furnace (tier 1)	-	-	1	150	4	200	30,000
28	92% Efficient Furnace (tier 2)	53	15,900	98	220	439	29,400	65,000
29	95% Efficient Furnace (tier 3)	31	10,850	48	5	250	16,800	1,750
30	Gas Boiler (2011 Multifamily)	-	-	-	5	-	-	3,000
31	Solar Assisted Water Heater	4	3,000	4	1	56	3,000	750
32	Administrative & Overheads	N/A	229,284	N/A	N/A	N/A	962,618	1,082,411
33	<b>Total</b>	<b>1,346</b>	<b>\$ 694,534</b>	<b>7,077</b>	<b>3,657</b>	<b>44,574</b>	<b>\$ 3,441,718</b>	<b>2,639,661</b>

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

Quarter Gas Company  
 ThermWise Business Rebates Program - Utah Programs  
 As of December 31, 2011

Line #	Program	4th Quarter 2011		Year-to-date 2011				
		Actual	Costs	Actual	Estimated	Dth		
		Participants	2011 Business Measures	Participants	Participants	Savings*		
Actual	Costs	Participants	Participants	Savings*	Actual	Budget		
1	90% Plus AFUE Condensing Gas Furnace	-	\$ -	2	3	22.72	\$ 400	600
2	92% Plus AFUE Condensing Gas Furnace - Commercial	33	9,900	43	61	557.28	12,900	18,300
3	94% Plus AFUE Condensing Gas Furnace - Commercial	38	15,200	149	112	2,157.52	59,600	44,800
4	Boiler Reset Control	-	-	3	10	177.84	750	2,500
5	Boiler Tune-up	-	-	6	120	234.53	1,733	36,000
6	Attic Insulation (new construction)	-	-	5	10	92.26	3,548	6,000
7	Attic Insulation (retrofit)	8	5,715	49	35	2,147.58	103,915	63,000
8	Wall Insulation (new construction)	1	23	7	10	15.02	939	2,550
9	Wall Insulation (retrofit)	1	42	5	2	42.37	1,177	1,360
10	Windows - site built (new construction)	-	-	3	10	127.01	3,585	16,800
11	Windows - pre fab (new construction)	1	95	12	10	364.27	6,130	16,800
12	Windows - site built (retrofit)	-	-	1	10	39.02	676	22,200
13	Windows - pre fab (retrofit)	-	-	12	10	86.12	1,158	22,200
14	High Efficiency Gas Combo Oven	6	6,000	7	10	225.68	7,000	10,000
15	Energy Star Gas Commercial Fryer	-	-	1	20	32.32	1,000	20,000
16	High Efficiency Gas Convection Oven	8	8,000	24	12	620.16	24,000	12,000
17	Direct Contact Water Heater	-	-	-	3	-	-	23,100
18	2.6 MEF Washer	-	-	5	100	9.80	375	5,000
19	Commercial Clothes Washer	-	-	3	12	22.18	450	900
20	Gas Storage Water Heater - Tier 1 <75kBtu	-	-	-	5	-	-	250
21	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	-	5	-	-	500
22	Gas Storage Water Heater >75kBtu	2	600	35	35	1,232.14	17,592	5,250
23	Gas Unit Heater NonCondensing	1	250	17	80	151.19	4,281	11,000
24	Gas Unit Heater Condensing	6	9,300	17	40	524.28	23,130	105,600
25	High Efficiency Gas Giddle	-	-	4	10	28.16	1,200	3,000
26	High Efficiency Boiler Hot Water Tier 1	1	340	1	10	24.43	340	2,000
27	High Efficiency Boiler Hot Water Tier 2	45	383,175	73	50	42,670.10	510,897	243,750
28	High Efficiency Boiler Steam Tier 1	-	-	-	-	-	-	-
29	High Efficiency Boiler Steam Tier 2	-	-	1	-	80.82	2,712	-
30	High Efficiency Gas Water Heater - Tankless <200kBtu	3	1,048	21	22	566.82	8,022	8,800
31	High Efficiency Gas Water Heater - Tankless >200kBtu	-	-	-	8	-	-	3,840
32	Infrared Heating System	66	49,725	211	200	11,262.42	146,250	60,000
33	Low Flow Pre-riase Spray Valve	-	-	-	-	-	-	-
34	Energy Star Gas Steam Cooker	-	-	-	4	-	-	4,000
35	Condensing Gas Water Heater	-	-	-	5	-	-	1,750
36	Hybrid Gas Water Heater	-	-	-	5	-	-	1,750
39	Programmable Thermostat - Commercial	-	-	161	-	1,481.20	4,025	-
40	Gas Clothes Dryer	-	-	3	-	2.45	90	-
41	Administrative & Overheads	N/A	195,158	N/A	-	N/A	348,618	523,582
42	Total	220	\$ 684,570	881	1,039	64,997	\$ 1,296,492	1,299,182

\*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 December 31, 2011

Line #	Program	4th Quarter 2011		Year-to-date 2011						
		Actual Participants**	Actual Costs	Audits Completed**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	THERMWISE HOME ENERGY AUDITS									
2	Audit Efficiency Measures	443	\$ 2,096	1,581	2,218	3,773	4,011	\$ 8,467	\$ 24,330	
3	Administrative & Overheads	N/A	88,230	N/A	N/A	N/A	N/A	510,817	736,304	
4	Total	443	\$ 90,326	1,581	2,218	3,773	4,011	\$ 519,284	\$ 760,634	

\*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 December 31, 2011

Line #	Program	4th Quarter 2011		Year-to-date 2011				
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	ThermWise Weatherization Rebates Program							
2	Attic Insulation Tier 1	2,472	\$ 636,719	13,467	37,215	76,695	\$ 3,617,699	\$ 10,062,936
3	Attic Insulation Tier 2	1,835	157,802	9,779	16,002	13,294	894,776	1,505,468
4	Floor Insulation	135	23,392	661	1,655	3,108	144,255	279,695
5	Wall Insulation	287	70,978	1,420	2,215	5,232	370,187	496,382
6	Windows	1,858	115,605	13,051	16,787	27,371	788,918	790,366
7	Programmable Thermostat - Residential	24	720	82	286	174	2,460	8,580
8	Duct Sealing & Insulation	11	4,950	37	1,396	399	16,213	628,200
9	Duct Insulation	1	250	346	-	1,932	86,500	-
10	Duct Sealing	2	450	81	-	288	18,225	-
11	Attic Insulation (multifamily) Tier 1	696	128,641	3,378	2,250	13,941	657,572	450,000
12	Attic Insulation (multifamily) Tier 2	663	43,367	3,244	250	3,346	225,218	17,500
13	Floor Insulation (multifamily)	-	-	-	10	-	-	2,000
14	Wall Insulation (multifamily)	-	-	-	10	-	-	4,950
15	Windows (multifamily)	27	1,229	279	150	641	18,466	28,500
16	Duct Insulation (Multi-family)	-	-	74	-	179	11,100	-
17	Duct Sealing (Multi-family)	-	-	116	-	301	14,500	-
18	Duct Sealing & Insulation (multifamily)	1,976	374,231	5,190	600	33,216	916,580	150,000
19	Administrative & Overheads	N/A	167,405	N/A	N/A	N/A	1,090,725	2,872,261
20	Total	9,987	\$ 1,725,790	51,205	78,826	180,117	\$ 8,843,392	\$ 17,296,837

\*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, 2011

Line #	Program	4th Quarter 2011		Year-to-date 2011				
		Actual Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	Business Custom Rebates Total	1	\$ 1,318	17	15	16,211	\$ 119,408	\$ 100,176
2	Administrative & Overheads	N/A	141,424	N/A	N/A	N/A	297,043	352,412
3	Total	1	\$ 142,742	17	15	16,211	\$ 416,450	\$ 452,588

\*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, 2011**

Line #	Program	4th Quarter 2011		Year-to-date 2011			
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Actual Costs	Budget
1	Market Transformation Total	N/A	\$ 381,501	N/A	N/A	\$ 1,409,095	\$ 1,752,124

Questar Gas Company  
 Low Income Weatherization - Utah Programs  
 As of December 31, 2011

Line #	Program	4th Quarter 2011		Year-to-date 2011			
		Actual Participants	Costs	Estimated Actual	Estimated Participants	Actual Costs	Budget
1	Low Income Weatherization	N/A	\$ -	N/A	N/A	\$ 500,000	\$ 500,000