



UTAH PUBLIC
SERVICE COMMISSION

2011 MAR -8 P 2: 28

Questar Gas Company
180 East 100 South
P.O. Box 45360
Salt Lake City, UT 84145-0360
Tel 801 324 5491 • Fax 801 324 5485
Barrie.McKay@Questar.com

Barrie L. McKay
General Manager, Regulatory Affairs

284 730

March 8, 2011

RECEIVED

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

Dear Chris:

Docket No. 11-999-02

Attached please find a copy of the Energy Efficiency Report for the year ended December 31, 2010.

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. The savings shown in this report have been updated to include the realization rates calculated by The Cadmus Group, Inc. in the final Questar Gas ThermWise® Evaluation Report. The final report was sent to the Division September 28, 2010.

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, 2010

Line #	Program	4th Quarter 2010		Year-to-date 2010						Budget
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget		
		Participants	Costs							
1	ThermWise Appliance Rebates	12,224	\$ 2,378,928	49,166	32,646	193,850	\$ 7,869,151	\$ 5,281,013		
2	ThermWise Builder Rebates	1,310	779,485	4,973	2,593	16,803	2,944,006	1,914,378		
3	ThermWise Business Rebates	346	462,433	1,135	1,847	52,952	1,173,296	947,572		
4	ThermWise Home Energy Audits	559	174,345	2,114	3,773	5,502	727,653	770,415		
5	ThermWise Weatherization Rebates	14,550	2,657,300	90,455	91,581	357,695	19,000,281	21,737,738		
6	ThermWise Multi-family Rebates	1,646	670,783	6,140	12,530	21,195	2,024,445	3,207,900		
7	ThermWise Business Custom Rebates	3	98,662	25	15	8,764	284,126	409,779		
8	Market Transformation	N/A	97,798	N/A	N/A	N/A	1,163,307	1,356,500		
9	Low Income Weatherization	N/A	-	N/A	N/A	N/A	500,000	500,000		
10	Programs Total	30,638	\$ 7,319,734	154,008	144,985	656,760	\$ 35,686,266	\$ 36,125,295		
11	DSM Interest	-	625,450	N/A	N/A	N/A	2,246,230	-		
12	DSM Amortization	-	(12,268,638)	N/A	N/A	N/A	(38,997,607)	-		
13	DSM General Administration	-	-	N/A	N/A	N/A	-	-		
14	2010 Total	30,638	\$ (4,323,454)	154,008	144,985	656,760	\$ (1,065,111)	\$ 36,125,295		

*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, 2010

Line#	Program	4th Quarter 2010		Year-to-date 2010							
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget			
		Participants	Costs								
1	THERMWISE APPLIANCE REBATES PROGRAM										
2	90% Plus AFUE Condensing Gas Furnace - Residential	4,618	\$ 1,385,400	12,747	7,300	130,325	\$ 3,824,100	\$ 2,190,000			
3	Energy Star Clothes Washer - Tier 1	428	21,400	3,436	2,200	3,909	171,800	110,000			
4	Energy Star Clothes Washer - Tier 2	5,009	375,675	23,861	17,000	35,047	1,789,575	1,275,000			
5	Gas Water Heater - Tier 1	863	43,150	3,824	2,450	5,231	191,200	122,500			
6	Gas Water Heater - Tier 2	4	400	7	50	22	700	5,000			
7	High Efficiency Gas Clothes Dryer - Residential	758	22,740	3,559	2,800	2,614	106,770	84,000			
8	Boilers (hot water<300000 BTU)	58	23,200	197	114	2,539	78,800	45,600			
9	Solar Assisted Water Heater	15	11,250	44	32	475	33,000	24,000			
10	Tankless Gas Water Heater - Residential	471	141,300	1,491	700	13,687	447,300	210,000			
11	Administrative & Overheads	N/A	354,413	N/A	N/A	N/A	1,225,906	1,214,913			
12	Total	12,224	\$ 2,378,928	49,166	32,646	193,850	\$ 7,869,151	\$ 5,281,013			

*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, 2010

Line #	Program	4th Quarter 2010		Year-to-date 2010					Actual Costs	Budget
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs			
		Participants	Costs							
1	THERMWISE BUILDER REBATES PROGRAM									
5	90% Plus AFUE Condensing Gas Furnace - Home Builder	596	\$ 178,800	2,103	1,066	3,904	\$ 630,900	\$ 319,800		
2	ENERGY STAR Homes	709	354,500	2,633	1,292	12,580	1,316,500	646,000		
3	Gas Water Heater - Tier 1	61	3,050	151	45	59	7,550	2,250		
3	Gas Water Heater - Tier 2	-	-	-	5	-	-	500		
8	High Performance Homes	-	-	2	30	13	1,600	24,000		
6	Gas Boiler	3	1,200	26	50	95	10,400	20,000		
7	Solar Assisted Water Heater	1	750	3	5	9	2,250	3,750		
4	Tank Less Gas Water Heater - Home Builder	(60)	(18,000)	55	100	143	16,500	30,000		
9	Administrative & Overheads	N/A	259,185	N/A	N/A	N/A	958,306	868,078		
10	Total	1,310	\$ 779,485	4,973	2,593	16,803	\$ 2,944,006	\$ 1,914,378		

*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, 2010

Line #	Program	4th Quarter 2010			Year-to-date 2010				
		Actual		Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs						
1	ThermWise Business Rebates Program								
2	90% Plus AFUE Condensing Gas Furnace	1	\$ 200	3	80	41	\$ 600	16,000	
3	92% Plus AFUE Condensing Gas Furnace - Commercial	21	6,300	68	265	1,058	20,400	79,500	
4	94% Plus AFUE Condensing Gas Furnace - Commercial	88	35,200	179	190	3,110	71,600	76,000	
5	Boiler Reset Control	-	-	-	10	-	-	2,500	
6	Boiler Tune-up	4	1,200	17	120	797	4,706	36,000	
7	Attic Insulation (new construction)	6	3,272	19	10	158	5,072	6,000	
8	Attic Insulation (retrofit)	22	11,620	283	8	976	26,225	9,600	
9	Wall Insulation (new construction)	3	905	3	5	18	905	1,275	
10	Wall Insulation (retrofit)	1	10	3	1	12	211	510	
11	Windows - site built (new construction)	1	1,176	6	5	373	8,785	8,400	
12	Windows - pre fab (new construction)	7	1,270	11	11	417	5,845	18,480	
13	Windows - site built (retrofit)	-	-	1	3	4	64	6,660	
14	Windows - pre fab (retrofit)	4	435	11	5	462	5,174	11,100	
15	High Efficiency Gas Combo Oven	12	12,000	16	10	619	16,000	10,000	
16	Energy Star Gas Commercial Fryer	2	2,000	8	20	310	8,000	20,000	
17	High Efficiency Gas Convection Oven	22	22,000	33	10	1,023	33,000	10,000	
18	Direct Contact Water Heater	1	3,300	1	3	660	3,300	23,100	
19	Energy Star Horizontal Clothes Washer - Tier 1	-	-	3	30	5	150	1,500	
20	Energy Star Horizontal Clothes Washer - Tier 2	4	300	19	100	37	1,428	7,500	
21	Commercial Clothes Washer	-	-	3	12	22	450	1,800	
22	Gas Clothes Dryer	1	30	4	12	4	120	360	
23	Gas Storage Water Heater - Tier 1 <75kBtu	1	50	5	4	6	250	200	
24	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	-	1	-	-	100	
25	Gas Storage Water Heater >75kBtu	1	800	18	35	738	8,787	5,250	
26	Gas Unit Heater Condensing	3	5,580	87	8	3,350	123,408	10,560	
27	Gas Unit Heater NonCondensing	1	56	4	15	26	613	4,125	
28	High Efficiency Gas Griddle	-	-	3	10	25	900	3,000	
29	High Efficiency Boiler Hot Water Tier 1	1	350	4	10	148	1,716	2,000	
30	High Efficiency Boiler Hot Water Tier 2	6	14,950	52	15	24,954	248,979	14,625	
31	High Efficiency Boiler Steam Tier 1	-	-	-	-	-	-	-	
32	High Efficiency Boiler Steam Tier 2	1	7,871	1	-	281	7,871	-	
33	High Efficiency Gas Water Heater - Tankless <200kBtu	3	1,118	30	25	982	11,604	3,752	
34	High Efficiency Gas Water Heater - Tankless >200kBtu	-	-	3	5	118	1,398	751	
35	Infrared Heating System	112	60,670	224	425	11,853	128,255	127,500	
36	Low Flow Pre-rinse Spray Valve	-	-	-	250	-	-	6,250	
37	Programmable Thermostat - Commercial**	17	425	33	130	364	825	3,250	
38	Energy Star Gas Steam Cooker	-	-	-	4	-	-	4,000	
39	Administrative & Overheads	N/A	269,345	N/A	N/A	N/A	426,659	415,924	
40	Total	346	\$ 462,433	1,135	1,847	52,952	\$ 1,173,296	947,572	

Questar Gas Company
ThermWise Home Energy Audits - Utah Programs
As of December 31, 2010

Line #	Program	4th Quarter 2010		Year-to-date 2010						Budget	
		Participants**	Costs	Audits Completed**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs			
1	THERMWISE HOME ENERGY AUDITS										
2	Audit Efficiency Measures	559	\$ 3,665	2,114	3,315	3,773	5,502	\$ 17,969	\$ 43,098		
3	Administrative & Overheads	N/A	170,680	N/A	N/A	N/A	N/A	709,685	727,317		
4	Total	559	\$ 174,345	2,114	3,315	3,773	5,502	\$ 727,653	\$ 770,415		

*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, 2010

Line #	Program	4th Quarter 2010				Year-to-date 2010				Budget
		Actual		Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs		
		Participants	Costs							
1	THERMWISE WEATHERIZATION REBATES PROGRAM									
2	Attic Insulation Tier 1	6,092	\$ 1,514,770	43,384	52,575	257,538	\$ 11,792,054	\$ 14,139,424		
3	Attic Insulation Tier 2	3,724	347,408	17,182	14,868	24,541	1,619,419	1,296,787		
4	Floor Insulation	188	29,917	1,196	1,840	5,679	202,229	397,023		
5	Wall Insulation	342	95,295	2,164	3,313	7,604	522,254	862,227		
6	Windows	3,764	220,104	19,784	13,873	32,015	1,160,501	873,922		
7	Programmable Thermostat - Residential	25	750	137	116	227	4,110	3,480		
8	Duct Insulation	351	87,750	3,260	2,694	18,206	815,000	673,500		
9	Duct Sealing	59	13,275	3,308	2,302	11,766	744,300	517,950		
10	Attic Insulation - Residential (\$.35 per sq ft)	5	(1,655)	37	-	100	7,987	-		
11	Floor Insulation (\$.35 per sq ft)	-	-	1	-	3	211	-		
12	Wall Insulation (\$.45 per sq ft)	-	724	2	-	14	1,488	-		
13	Administrative & Overheads	N/A	348,962	N/A	N/A	N/A	2,130,729	2,973,425		
14	Total	\$ 14,550	\$ 2,657,300	\$ 90,455	\$ 91,581	\$ 357,695	\$ 19,000,281	\$ 21,737,738		

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

Questar Gas Company
ThermWise Multi-Family Rebates Program - Utah Programs
As of December 31, 2010

Line #	Program	4th Quarter 2010		Year-to-date 2010				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	THERMWISE MULTIFAMILY REBATES PROGRAM							
2	Attic Insulation Tier 1 (\$.20 per sq ft)	340	\$ 39,433	1,146	2,250	3,371	\$ 167,204	\$ 450,000
3	Attic Insulation Tier 2 (\$.07 per sq ft)	81	4,913	193	250	166	11,864	17,500
4	Floor Insulation (\$.20 per sq ft)	5	646	5	10	17	646	2,000
5	Wall Insulation (\$.30 per sq ft)	9	833	13	10	14	1,033	4,950
6	Duct Insulation	220	33,000	378	4,000	914	56,700	600,000
7	Duct Sealing	261	32,625	407	4,000	1,055	50,875	500,000
8	ENERGY STAR Tier 1 Clothes Washer	19	950	133	100	121	6,650	5,000
9	ENERGY STAR Tier 2 Clothes Washer	171	12,825	699	450	821	52,425	33,750
10	ENERGY STAR Multi-family	182	45,500	1,603	500	9,833	400,750	125,000
11	Gas Water Heater Tier 1	23	1,150	47	145	51	2,350	7,250
12	Gas Water Heater Tier 2	34	3,400	34	5	86	3,400	500
13	Gas Dryer	6	180	29	50	17	870	1,500
14	90+ Furnace	199	59,700	904	500	3,525	271,200	150,000
15	Windows (\$.95 per sq ft)	102	4,921	501	150	757	29,711	28,500
16	Residential Gas Boiler	31	12,400	33	5	340	13,200	2,000
17	Solar Assisted Water Heater	-	-	-	5	-	-	3,750
18	Tankless Water Heater	(38)	(11,400)	14	100	103	4,200	30,000
19	Attic Insulation (\$.35 per sq ft)	1	216	1	-	2	216	-
20	Administrative & Overheads	N/A	429,491	N/A	N/A	N/A	951,151	1,246,200
21	Total	1,646	\$ 670,783	6,140	12,530	21,195	\$ 2,024,445	\$ 3,207,900

*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, 2010

Line #	Program	4th Quarter 2010		Year-to-date 2010					
		Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	Business Custom Rebates Total	2	\$ 6,942	25	15	8,764	\$ 54,958	\$ 75,132	
2	Administrative & Overheads	N/A	91,720	N/A	N/A	N/A	229,168	334,647	
3	Total	2	\$ 98,662	25	15	8,764	\$ 284,126	\$ 409,779	

*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, 2010

Line #	Program	4th Quarter 2010		Year-to-date 2010			
		Participants	Costs	Actual Participants	Actual Costs	Estimated Participants	Estimated Costs
1	Market Transformation Total	N/A	\$ 97,798	N/A	N/A	\$ 1,163,307	\$ 1,356,500

Questar Gas Company
Low Income Weatherization - Utah Programs
As of December 31, 2010

Line #	Program	4th Quarter 2010		Year-to-date 2010			Budget
		Participants	Actual Costs	Estimated Actual	Estimated Participants	Actual Costs	
1	Low Income Weatherization	N/A	\$ -	N/A	N/A	\$ 500,000	\$ 500,000