



Questar Gas Company  
180 East 100 South  
P.O. Box 45360  
Salt Lake City, UT 84145-0360  
Tel 801 324 5555

UTAH PUBLIC  
SERVICE COMMISSION

2009 AUG 17 A 9:56

166608

August 13, 2009

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

RECEIVED

Dear Phil:

Attached please find a copy of the Energy Efficiency Report for the quarter ended June 30, 2009.

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 savings for the Company's energy-efficiency programs. Quarterly and year-to-date information is also provided at the measure level on each program.

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

Sincerely,

Barrie L. McKay  
General Manager State Regulatory Affairs  
(801) 324-5491

cc: Marlin Barrow, DPU  
Public Service Commission

Questar Gas Company  
Energy Efficiency Report  
As of June 30, 2009

Line #	Program	2nd Quarter 2009		Year-to-date 2009					
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
		Participants	Costs						
1	ThermWise Appliance Rebates	9,125	\$ 1,359,820	18,878	34,685	73,442	\$ 2,680,231	\$ 5,066,905	
2	ThermWise Builder Rebates	946	589,658	1,948	3,215	27,497	1,134,216	2,260,874	
3	ThermWise Business Rebates	228	165,532	487	1,364	14,477	297,928	737,404	
4	ThermWise Home Energy Audits	794	196,866	1,755	3,593	5,114	351,337	647,837	
5	ThermWise Weatherization Rebates	30,124	13,184,048	52,400	15,746	342,092	21,980,185	4,922,867	
6	ThermWise Multi-family Rebates	5,108	2,437,778	6,972	3,309	46,374	3,077,031	2,090,924	
7	ThermWise Business Custom Rebates	-	16,676	1	15	915	22,895	294,637	
8	Market Transformation	N/A	453,027	N/A	N/A	N/A	743,612	1,265,802	
9	Low Income Weatherization	N/A	-	N/A	N/A	N/A	250,000	500,000	
10	<b>Programs Total</b>	<b>46,325</b>	<b>\$ 18,403,405</b>	<b>82,441</b>	<b>61,927</b>	<b>509,910</b>	<b>\$ 30,537,434</b>	<b>\$ 17,787,250</b>	
11	DSM Interest	-	497,387	N/A	N/A	-	805,967	-	
12	DSM Amortization	-	(3,144,289)	N/A	N/A	-	(9,932,414)	-	
13	DSM General Administration	-	-	-	-	-	-	-	
14	<b>Current Balance</b>	<b>46,325</b>	<b>\$ 15,756,503</b>	<b>82,441</b>	<b>61,927</b>	<b>509,910</b>	<b>\$ 21,410,987</b>	<b>\$ 17,787,250</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**  
**As of June 30, 2009**

Line#	Program	2nd Quarter 2009		Year-to-date 2009						
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget		
		Participants	Costs							
1	THERMWISE APPLIANCE REBATES PROGRAM									
2	Energy Star Clothes Washer - Tier 1	668	\$ 33,400	1,261	2,478	1,594	\$ 63,050	\$ 123,900		
3	Energy Star Clothes Washer - Tier 2	4,704	352,800	10,297	20,771	16,805	772,275	1,557,825		
4	High Efficiency Gas Clothes Dryer - Residential	799	23,970	1,838	3,851	1,500	55,140	115,530		
5	High Efficiency Gas Water Heater - Residential	647	32,350	870	370	1,322	43,500	18,500		
6	Tankless Gas Water Heater - Residential	187	56,100	388	626	3,958	116,400	187,800		
7	90% Plus AFUE Condensing Gas Furnace - Residential	2,071	621,300	4,115	6,453	46,746	1,234,500	1,935,900		
8	Boilers (hot water<300000 BTU)	39	15,600	90	104	1,289	36,100	41,600		
9	Solar Assisted Water Heater	10	7,500	19	32	228	14,250	24,000		
10	Administrative & Overheads	N/A	216,800	N/A	N/A	N/A	345,016	1,061,850		
11	<b>Total</b>	<b>9,125</b>	<b>\$ 1,359,820</b>	<b>18,878</b>	<b>34,665</b>	<b>73,442</b>	<b>\$ 2,660,231</b>	<b>\$ 5,066,905</b>		

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

\*\*Actual cost is \$100 greater than what should be the total rebate amount for 90 boilers (\$36,000). This is due to a boiler rebate that was underpaid by \$100 in 2008 but corrected in 2009.

**Questar Gas Company**  
**ThermWise Builder Rebates Program**  
 As of June 30, 2009

Line #	Program	2nd Quarter 2009		Year-to-date 2009					Budget
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs		
		Participants	Costs						
1	<b>THERMWISE BUILDER REBATES PROGRAM</b>								
2	Basic Energy Star Specifications - IECC plus 15% minimum, plus	510	\$ 255,000	1,107	1,560	20,741	\$ 553,500	\$ 780,000	
3	High Efficiency Gas Water Heater - Home Builder	7	350	18	50	27	900	2,500	
4	Tank Less Gas Water Heater - Home Builder	33	9,900	57	50	581	17,100	15,000	
5	90% Plus AFUE Condensing Gas Furnace - Home Builder	378	113,400	719	1,500	5,234	215,700	450,000	
6	Gas Boiler	14	5,600	26	25	372	10,400	10,000	
7	Solar Assisted Water Heater	1	750	1	10	12	750	7,500	
8	High Performance Homes**	3	2,400	20	20	529	16,000	16,000	
9	Administrative & Overheads	N/A	202,258	N/A	N/A	N/A	319,866	979,874	
10	<b>Total</b>	<b>946</b>	<b>\$ 589,658</b>	<b>1,948</b>	<b>3,215</b>	<b>27,497</b>	<b>\$ 1,134,216</b>	<b>\$ 2,260,874</b>	

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

\*\*1 High Performance Home was originally rebated as a Energy Star Home and then corrected by sending a new check for \$300. The quantity of 1 home and \$500 were moved from Energy Star Homes in this report to the High Performance Home category.

**Questar Gas Company**  
**ThermWise Business Rebates Program**  
 As of June 30, 2009

Line #	Program	2nd Quarter 2009		Year-to-date 2009				Actual Costs	Budget
		Participants	Costs	Actual Participants	Estimated Participants	Savings*	Dth		
1	THERMWISE BUSINESS REBATES PROGRAM								
2	High Efficiency Gas Water Heater - Commercial Tier 1	-	\$ -	-	12	-	-	\$ -	600
3	High Efficiency Gas Water Heater - Commercial Tier 2	3	12,000	7	8	1,472	21,014		1,125
4	High Efficiency Gas Water Heater - Tankless <200KBTU	3	1,194	5	8	140	1,990		1,201
5	High Efficiency Gas Water Heater - Tankless >200KBTU	-	-	-	7	-	-		3,360
6	Energy Star Horizontal Clothes Washer	-	-	4	8	5	200		400
7	Energy Star Horizontal Clothes Washer - Tier 3	4	300	94	8	153	7,050		600
8	Commercial Clothes Washer	-	-	6	8	37	900		1,200
9	Gas Clothes Dryer	-	-	6	10	5	180		300
10	Gas Unit Heater NonCondensing	-	-	-	8	-	-		2,200
11	Gas Unit Heater Condensing	-	-	-	3	-	-		3,960
12	90% Plus AFUE Condensing Gas Furnace	8	1,600	10	40	114	2,000		8,000
13	92% Plus AFUE Condensing Gas Furnace - Commercial	28	8,400	37	84	480	11,100		25,200
14	94% Plus AFUE Condensing Gas Furnace - Commercial	17	6,800	28	35	405	11,200		14,000
15	High Efficiency Boiler Hot Water Tier 1	4	2,284	4	15	164	2,284		3,000
16	High Efficiency Boiler Hot Water Tier 2	-	-	5	12	976	11,687		11,700
17	High Efficiency Boiler Steam Tier 1	-	-	-	1	-	-		200
18	High Efficiency Boiler Steam Tier 2	-	-	-	2	-	-		1,200
19	Direct Contact Water Heater	-	-	2	5	2,821	16,940		38,500
20	Programmable Thermostat - Commercial	33	825	33	120	304	735		3,000
21	Low Flow Pre-rinse Spray Valve	-	-	-	200	-	-		5,000
22	Boiler Reset Control	1	250	1	50	59	250		12,500
23	Infrared Heating System	69	24,550	163	500	4,954	64,325		150,000
24	Boiler Tune-up	43	12,900	45	150	1,759	13,500		45,000
25	Energy Star Gas Commercial Fryer	-	-	11	8	356	11,000		8,000
26	Energy Star Gas Steam Cooker	-	-	-	8	-	-		8,000
27	High Efficiency Gas Convection Oven	-	-	2	8	52	2,000		8,000
28	High Efficiency Gas Combo Oven	3	3,000	5	8	161	5,000		8,000
29	High Efficiency Gas Griddle	-	-	-	8	-	-		2,400
30	Windows - Site Built	1	77	1	7	3	77		11,104
31	Windows - Pre fab	1	52	4	6	5	126		9,518
32	Wall Insulation	3	248	6	10	15	477		3,118
33	Attic Insulation	7	951	8	7	37	1,076		3,516
34	Administrative & Overheads	N/A	90,102	N/A	N/A	N/A	112,817		343,502
35	<b>Total</b>	<b>228</b>	<b>\$ 165,532</b>	<b>487</b>	<b>1,364</b>	<b>14,477</b>	<b>\$ 297,928</b>	<b>\$</b>	<b>737,404</b>

Questar Gas Company  
ThermWise Home Energy Audits  
As of June 30, 2009

Line #	Program	2nd Quarter 2009		Year-to-date 2009						
		Participants**	Actual Costs	Audits Completed**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	THERMWISE HOME ENERGY AUDITS									
2	Audit Efficiency Measures	794	9,509	1,755	3,062	3,593	5,114	22,882	32,621	
3	Administrative & Overheads	N/A	187,356	N/A	N/A	N/A	N/A	328,455	615,216	
4	<b>Total</b>	<b>794</b>	<b>\$ 196,866</b>	<b>1,755</b>	<b>3,062</b>	<b>3,593</b>	<b>5,114</b>	<b>\$ 351,337</b>	<b>\$ 647,837</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**  
**Market Transformation**  
**As of June 30, 2009**

Line #	Program	2nd Quarter 2009		Year-to-date 2009			
		Participants	Costs	Actual Participants	Estimated Participants	Actual Costs	Budget
1	Market Transformation Total	N/A	\$ 453,027	N/A	N/A	\$ 743,612	\$ 1,265,802

**Questar Gas Company**  
**Low Income Weatherization**  
**As of June 30, 2009**

Line #	Program	2nd Quarter 2009		Year-to-date 2009			Budget
		Participants	Actual Costs	Estimated Actual	Estimated Participants	Actual Costs	
1	Low Income Weatherization	N/A	\$ -	N/A	N/A	\$ 250,000	\$ 500,000



**Questar Gas Company**  
**ThermWise Weatherization Rebates Program**  
 As of June 30, 2009

Line #	Program	2nd Quarter 2009		Year-to-date 2009					Budget
		Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs		
								Participants	
1	THERMWISE WEATHERIZATION REBATES PROGRAM								
2	Programmable Thermostat - Residential	43	\$ 1,290	138	116	294	\$ 4,140	\$ 3,480	
3	Windows - Residential (64 sq. ft. per customer)	3,088	188,625	7,007	7,166	15,108	427,153	625,392	
4	Wall Insulation (814 sq. ft. per customer)	1,185	445,896	1,818	870	8,284	665,663	323,182	
5	Floor Insulation (1018 sq. ft. per customer)	1,185	425,512	1,910	564	13,995	680,292	167,356	
6	Attic Insulation (1,311 sq. ft. per customer)	24,235	11,165,739	41,109	7,012	301,905	18,869,075	3,142,431	
7	Wall Insulation (.30 per square foot)	-	-	-	-	-	-	-	
8	Floor Insulation (.20 per square foot)	-	-	-	-	-	-	-	
9	Attic Insulation (.20 per square foot)	-	-	-	-	-	-	-	
10	Duct Sealing**	178	40,256	187	8	853	42,075	1,800	
11	Duct Insulation - Residential	210	52,500	231	10	1,653.86	57,750	2,500	
12	Administrative & Overheads	N/A	864,230	N/A	N/A	N/A	1,234,036	656,726	
13	<b>Total</b>	<b>30,124</b>	<b>\$ 13,184,048</b>	<b>52,400</b>	<b>15,746</b>	<b>342,092</b>	<b>\$ 21,980,185</b>	<b>\$ 4,922,867</b>	

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

\*\*An Attic Insulation rebate in the amount of \$206.20 was incorrectly coded as a Duct Sealing measure in Q2 2009. That amount was moved to Attic Insulation in this report.

**Questar Gas Company**  
**ThermWise Multi-Family Rebates Program**  
 As of June 30, 2009

Line #	Program	2nd Quarter 2009		Year-to-date 2009					Budget
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs		
		Participants	Costs						
1	THERMWISE MULTIFAMILY REBATES PROGRAM								
2	Gas Storage Water Heater**	39	\$ 1,950	97	44	147	\$ 4,850	\$ 2,200	
3	ENERGY STAR Tier 1 Clothes Washer	40	2,000	44	220	56	2,200	11,000	
4	ENERGY STAR Tier 2 Clothes Washer	214	16,050	261	220	426	19,575	16,500	
5	Gas Dryer	14	420	16	220	13	480	6,600	
6	90+ Furnace**	95	28,500	290	165	1,571	87,000	49,500	
7	Residential Gas Boiler	1	400	1	165	14	400	66,000	
8	Wall Insulation Applications (.392 sq. ft. per customer)	1	176	1	550	2	176	408,375	
9	Floor Insulation Applications (1,079 sq. ft. per customer)	2	755	2	220	16	755	77,000	
10	Attic Insulation Applications (1,247 sq. ft. per customer)	4,402	2,100,342	5,864	220	40,963	2,560,163	77,000	
11	Windows Applications (258 sq. ft. per customer)	40	5,874	85	1,100	736	20,797	209,000	
12	Wall Insulation (.30 per sq. ft.)	-	-	-	-	-	-	-	
13	Floor Insulation (.20 per sq. ft.)	-	-	-	-	-	-	-	
14	Attic Insulation (.20 per sq. ft., 837 sq. ft. per participant)	58	9,715	58	-	272	9,715	-	
15	Tankless Water Heater	1	300	2	15	20	600	4,500	
16	Solar Assisted Water Heater	-	-	-	5	-	-	3,750	
17	ENERGY STAR Multi-family	201	50,250	251	165	2,139	62,750	41,250	
18	Administrative & Overheads	N/A	221,046	N/A	N/A	N/A	307,570	1,118,249	
19	<b>Total</b>	<b>5,108</b>	<b>\$ 2,437,778</b>	<b>6,972</b>	<b>3,309</b>	<b>46,374</b>	<b>\$ 3,077,031</b>	<b>\$ 2,090,924</b>	

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

\*\*Three furnaces mistakenly invoiced to QGC as two storage water heaters. A quantity of 2 and \$100 moved from water heater category. A quantity of 3 and \$100 added to furnace category.

**Questar Gas Company**  
**ThermWise Business Custom Rebates Program**  
**As of June 30, 2009**

Line #	Program	2nd Quarter 2009		Year-to-date 2009					
		Participants	Actual Costs	Actual Participants	Actual Costs	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	Business Custom Rebates Total	-	\$ -	1	-	15	915	\$ 6,356	\$ 75,132
2	Administrative & Overheads	N/A	16,676	N/A	16,676	N/A	N/A	16,539	219,505
3	<b>Total</b>	-	\$ 16,676	1	16,676	15	915	\$ 22,895	\$ 294,637

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