



UTAH PUBLIC
SERVICE COMMISSION

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Questar Gas Company

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Barrie McKay

General Manager, Regulatory Affairs

October 14, 2009

Utah Public Service Commission
Heber M. Wells Building
P. O. Box 45585
Salt Lake City, UT 84145-0585

Dear Commissioners:


Questar Gas Company (Questar Gas or the Company) respectfully submits to the Utah Public Service Commission (Commission), pursuant to the order issued in Docket No. 08-057-22, dated September 21, 2009 (Order), an updated projection (Attachment 1) of the total ThermWise[®] programs' expenses and the actual results of the ThermWise[®] programs through August 31, 2009 (Attachment 2).

Attachment 1, Lines 1 through 13, shows, by program, the actual cost for the first eight months of 2009 and the projected costs for the remaining four months of 2009. Lines 16 through 28 shows, by program, the first eight months of actual ThermWise[®] participation as well as the projected participation for the remaining four months of 2009. Lines 31 through 43 shows, by program, the deemed natural gas saving for the first eight months of actual participation and the projected natural gas savings for the remaining four months of 2009.

As can be seen on Attachment 1, Column K, Row 13, the Company projects total 2009 ThermWise[®] spending to reach \$46,750,577 or 263% of the original 2009 Commission approved budget. These additional expenditures are directly related to higher than projected customer participation. The Company projects (Attachment 1, Column K, Row 28) total 2009 participation to be 143,179 customers or 231% of the original participation projection contained in the 2009 budget. This higher than expected customer participation will result in even greater natural gas savings. The Company projects (Attachment 1, Column K, Row 43) natural gas savings will reach 864,266 Dth or 270% of the original 2009 Commission approved budget. Higher customer participation and natural gas savings rates will improve the overall cost effectiveness of the ThermWise[®] Programs. The Company projects (Attachment 1, Column K, Rows 46 & 47) the overall program benefit/cost ratio will increase from the original 2009 projected Utility Cost Test of 2.4 to a benefit/cost ratio of 3.2.

Questar Gas will continue to closely monitor customer participation, efficiently manage DSM spending, and report actual DSM spending to the Commission for the remaining four months of 2009.

Respectfully Submitted,


Barrie L. McKay

cc: Division of Public Utilities

Questar Gas Company
ThermWise® Results for 2009
8 Months Actual / 4 Months Forecasted

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
	Home Energy Audit	ThermWise® Builder	ThermWise® Appliance	ThermWise® Business	Market Transformation	Low Income	Weatherization	ThermWise® Multifamily	ThermWise® Business Custom	TOTAL	
1 January	\$ 48,127.81	\$ 115,374.69	\$ 389,016.98	\$ (4,746.86)	\$ 39,578.06	\$ 250,000.00	\$ 2,137,022.02	\$ 107,179.18	\$ (8,498.70)	\$ 3,073,073.18	
2 February	54,064.64	210,217.82	400,627.60	90,152.34	54,505.15	-	2,704,415.75	204,836.71	4,231.34	3,724,051.35	ThermWise insulation applications received after June 30, 2009 receive lowered incentive amounts
3 March	52,278.71	218,964.84	590,746.52	46,990.10	156,502.08	-	3,956,698.82	327,237.97	10,485.85	5,339,904.89	
4 April	70,824.07	191,858.39	503,589.14	19,482.64	156,662.82	-	3,831,036.21	921,372.84	2,039.88	5,696,846.19	
5 May	64,875.83	106,962.70	360,502.22	89,633.35	239,952.68	-	4,544,127.38	1,041,587.49	3,029.55	6,450,671.20	RMP insulation applications received after July 31, 2009 receive lowered incentive amounts
6 June	61,165.61	230,837.18	495,728.38	56,436.43	56,411.09	-	4,808,884.51	474,817.18	11,607.06	6,255,887.44	
7 July	52,952.81	183,504.04	460,494.95	38,337.56	75,378.65	250,000.00	2,700,706.52	277,267.55	4,104.97	4,042,747.05	
8 August	51,863.82	182,481.71	515,759.93	64,288.45	123,291.95	-	2,355,045.44	127,506.19	3,588.53	3,484,206.02	
9 September	64,315.98	209,982.28	440,257.09	40,981.12	80,879.88	-	1,318,479.08	195,700.71	5,545.07	2,311,141.21	forecast
10 October	42,455.91	189,881.16	485,161.72	49,294.19	80,879.88	-	1,328,113.18	197,200.36	16,932.62	2,366,319.01	forecast
11 November	42,455.91	189,881.16	485,161.72	49,294.19	80,879.88	-	1,065,401.02	216,583.31	10,792.62	2,106,409.80	forecast
12 December	42,455.91	189,881.16	485,161.72	49,294.19	80,879.88	-	869,720.82	238,494.46	19,391.62	1,925,279.76	forecast
13 TOTAL Projected \$	\$ 647,837.00	\$ 2,279,877.33	\$ 5,462,227.96	\$ 589,417.71	\$ 1,265,802.00	\$ 500,000.00	\$ 31,632,650.75	\$ 4,290,183.95	\$ 82,630.40	\$ 46,250,577.10	forecast
14 2009 Budget \$	\$ 647,837	\$ 2,260,874	\$ 5,066,905	\$ 737,404	\$ 1,265,802	\$ 500,000	\$ 4,922,867	\$ 2,090,924	\$ 294,637	\$ 17,787,750	
15 Forecasted % of 2009 Budget	100%	101%	108%	80%	100%	100%	643%	205%	28%	263%	

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
	Home Energy Audit	ThermWise® Builder	ThermWise® Appliance	ThermWise® Business	Market Transformation	Low Income	Weatherization	ThermWise® Multifamily	ThermWise® Business Custom	TOTAL	
16 January	176	354	3,262	24	24	-	6,303	444	-	10,563	
17 February	317	388	2,764	389	-	-	6,668	472	-	10,948	
18 March	313	310	3,727	(154)	-	-	9,305	948	1	14,450	
19 April	378	307	3,505	73	-	-	9,232	2,735	-	16,290	
20 May	276	256	2,695	145	-	-	10,182	1,053	-	14,587	
21 June	189	383	2,925	10	-	-	10,790	1,320	-	15,557	
22 July	181	254	3,064	70	-	-	9,619	821	-	14,009	
23 August	133	227	3,655	44	-	-	7,310	191	-	12,160	
24 September	196	300	2,917	26	-	-	6,015	425	1	9,880	forecast
25 October	373	303	3,168	70	-	-	4,812	468	1	9,185	forecast
26 November	250	303	3,168	70	-	-	3,850	514	1	8,182	forecast
27 December	303	303	3,168	70	-	-	3,080	566	1	7,938	forecast
28 TOTAL Projected Participants	3,038	3,638	38,018	837	-	-	87,686	9,957	5	143,179	forecast
29 2009 Budgeted Participants	3,393	3,215	34,685	1,364	N/A	N/A	15,746	3,309	15	61,927	
30 Forecasted % of 2009 Budgeted Participation	85%	113%	110%	61%	N/A	N/A	557%	301%	93%	231%	

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
	Home Energy Audit	ThermWise® Builder	ThermWise® Appliance	ThermWise® Business	Market Transformation	Low Income	Weatherization	ThermWise® Multifamily	ThermWise® Business Custom	TOTAL	
31 January	649	5,141	12,433	797	-	-	39,629	2,275	-	60,924	
32 February	1,170	4,808	10,535	12,924	-	-	41,924	2,418	-	78,878	
33 March	1,155	4,502	14,205	(5,116)	-	-	58,503	4,856	915	79,020	
34 April	960	4,201	13,932	1,890	-	-	61,917	19,717	-	107,607	
35 May	701	3,503	10,712	3,734	-	-	68,154	7,591	-	94,336	
36 June	480	5,241	11,626	258	-	-	71,964	9,516	-	99,085	
37 July	359	3,369	11,581	2,342	-	-	58,723	3,746	-	80,111	
38 August	264	3,003	13,814	1,507	-	-	48,290	872	-	67,989	
39 September	573	4,182	11,262	256	-	-	36,690	2,714	255	58,373	forecast
40 October	1,090	4,224	12,233	2,130	-	-	30,904	2,986	1,132	54,699	forecast
41 November	748	4,224	12,233	2,130	-	-	24,723	3,284	2,003	49,346	forecast
42 December	731	4,224	12,233	2,130	-	-	19,779	3,613	1,370	44,079	forecast
43 TOTAL Projected Dth Savings	8,678	50,713	146,797	25,474	-	-	563,140	63,689	5,675	884,266	forecast
44 2009 Net Dth Savings Goal	9,699	41,741	122,300	39,467	N/A	N/A	80,218	21,049	6,010	320,884	
45 Forecasted % of 2009 Savings Goal	92%	121%	120%	65%	N/A	N/A	702%	302%	94%	270%	
46 2009 Budget Utility Test Benefit/Cost Ratios	1.0	2.6	2.8	5.0	N/A	N/A	2.7	1.5	1.9	2.4	
47 Forecasted Utility Test Benefit/Cost Ratios	1.0	3.2	3.2	4.6	N/A	N/A	3.0	2.5	6.4	3.2	

Questar Gas Company
 Energy Efficiency Report - Utah
 As of August 31, 2009

Line #	Program	Year-to-date 2009						
		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	% to Budget	
1	ThermWise Appliance Rebates	25,597	34,685	98,837 \$	3,656,486	\$ 5,066,905	72%	
2	ThermWise Builder Rebates	2,429	3,215	33,860	1,500,202	2,260,874	66%	
3	ThermWise Business Rebates	601	1,364	18,326	400,554	737,404	54%	
4	ThermWise Home Energy Audits	1,963	3,593	5,737	456,153	647,837	70%	
5	ThermWise Weatherization Rebates	69,929	15,746	449,104	27,075,937	4,922,867	550%	
6	ThermWise Multi-family Rebates	7,984	3,309	50,992	3,482,205	2,090,924	167%	
7	ThermWise Business Custom Rebates	1	15	915	30,568	294,637	10%	
8	Market Transformation	N/A	N/A	N/A	942,282	1,265,802	74%	
9	Low Income Weatherization	N/A	N/A	N/A	500,000	500,000	100%	
10	Programs Total	108,504	61,927	657,770 \$	38,044,387	\$ 17,787,250	214%	
11	DSM Interest	N/A	N/A	N/A	1,249,178	-	N/A	
12	DSM Amortization	N/A	N/A	N/A	(10,886,524)	-	N/A	
13	DSM General Administration	N/A	N/A	N/A	-	-	N/A	
14	Current Balance	108,504	61,927	657,770 \$	28,407,042	\$ 17,787,250	N/A	

*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
As of August 31, 2009

Line#	Program	Year-to-date 2009				
		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	ThermWise Appliance Rebates Program					
2	Energy Star Clothes Washer - Tier 1	1,836	2,478	2,321	\$ 91,800	\$ 123,900
3	Energy Star Clothes Washer - Tier 2	13,817	20,771	22,549	1,036,275	1,557,825
4	High Efficiency Gas Clothes Dryer - Residential	2,444	3,851	1,994	73,320	115,530
5	High Efficiency Gas Water Heater - Residential	1,321	370	2,008	66,050	18,500
6	Tankless Gas Water Heater - Residential	490	626	4,998	147,000	187,800
7	90% Plus AFUE Condensing Gas Furnace - Residential	5,554	6,453	63,093	1,666,200	1,935,900
8	Boilers (hot water < 300,000 BTU)**	109	104	1,561	43,700	41,600
9	Solar Assisted Water Heater	26	32	312	19,500	24,000
10	Administrative & Overheads	N/A	N/A	N/A	512,641	1,061,850
11	Total	25,597	34,685	98,837	\$ 3,656,486	\$ 5,066,905

*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 109 boilers (\$43,600). 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 - Utah
As of August 31, 2009

Line #	Program	Year-to-date 2009				
		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	THERMWISE BUILDER REBATES PROGRAM					
2	Basic Energy Star Specifications - IECC plus 15% minimum, plus	1,339	1,560	25,088 \$	669,500 \$	780,000
3	High Efficiency Gas Water Heater - Home Builder	21	50	32	1,050	2,500
4	Tank Less Gas Water Heater - Home Builder	73	50	745	21,900	15,000
5	90% Plus AFUE Condensing Gas Furnace - Home Builder	933	1,500	6,792	279,900	450,000
6	Gas Boiler	37	25	530	14,800	10,000
7	Solar Assisted Water Heater	1	10	12	750	7,500
8	High Performance Home**	25	20	662	20,000	16,000
9	Administrative & Overheads	N/A	N/A	N/A	492,302	979,874
10	Total	2,429	3,215	33,860 \$	1,500,202 \$	2,260,874

*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 - Utah
As of August 31, 2009

Line #	Program	Year-to-date 2009					Actual Costs	Budget
		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget		
1	THERMWISE BUSINESS REBATES PROGRAM							
2	High Efficiency Gas Water Heater - Commercial Tier 1	12	12	-	-	\$	600	
3	High Efficiency Gas Water Heater - Commercial Tier 2	12	8	1,863	26,606		1,125	
4	High Efficiency Gas Water Heater - Tankless <200kBTU	6	8	168	2,388		1,201	
5	High Efficiency Gas Water Heater - Tankless >200kBTU	-	7	-	-		3,360	
6	Energy Star Horizontal Clothes Washer	6	8	8	300		400	
7	Energy Star Horizontal Clothes Washer - Tier 2	98	8	160	7,350		600	
8	Commercial Clothes Washer	6	8	37	900		1,200	
9	Gas Clothes Dryer	7	10	6	210		300	
10	Gas Unit Heater NonCondensing	2	8	19	344		2,200	
11	Gas Unit Heater Condensing	-	3	-	-		3,960	
12	90% Plus AFUE Condensing Gas Furnace	10	40	114	2,000		8,000	
13	92% Plus AFUE Condensing Gas Furnace - Commercial	54	84	700	16,200		25,200	
14	94% Plus AFUE Condensing Gas Furnace - Commercial	41	35	594	16,400		14,000	
15	High Efficiency Boiler Hot Water Tier 1	4	15	164	2,284		3,000	
16	High Efficiency Boiler Hot Water Tier 2	8	12	1,736	20,781		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	120	304	735		3,000	
21	Low Flow Pre-rinse Spray Valve	-	200	-	-		5,000	
22	Boiler Reset Control	1	50	59	250		12,500	
23	Infrared Heating System	208	500	6,598	85,675		150,000	
24	Boiler Tune-up	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	5	8	161	5,000		8,000	
29	High Efficiency Gas Griddle	3	8	117	900		2,400	
30	Windows - Site Built	1	7	3	77		11,104	
31	Windows - Pre fab	14	6	425	10,413		9,518	
32	Wall Insulation	9	10	26	805		3,118	
33	Attic Insulation	13	7	76	2,197		3,516	
34	Administrative & Overheads	N/A	N/A	N/A	155,301		343,502	
35	Total	601	1,364	18,326	\$ 400,554	\$	737,404	

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

**3 residential programmable thermostats were mistakenly coded to the business program in 2008 and corrected in 2009. The 2009 credit of 3 thermostats was removed from this report.

Questar Gas Company
ThermWise Home Energy Audits - Utah
As of August 31, 2009

Line #	Program	Year-to-date 2009					
		Audits Completed**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	ThermWise Home Energy Audits						
2	Audit Efficiency Measures	1,963	3,795	3,593	5,737	26,830	32,621
3	Administrative & Overheads	N/A	N/A	N/A	N/A	429,324	615,216
4	Total	1,963	3,795	3,593	5,737	456,153	647,837

*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
As of August 31, 2009

Line #	Program	Year-to-date 2009				
		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	THERMWISE WEATHERIZATION REBATES PROGRAM					
2	Programmable Thermostat - Residential	163	116	347 \$	4,890 \$	3,480
3	Windows - Residential (65 sq. ft. per participant)	10,900	7,166	23,872	674,961	625,392
4	Wall Insulation (825 sq. ft. per participant)	2,206	870	10,189	818,742	323,182
5	Floor Insulation (1,014 sq. ft. per participant)	2,256	564	16,463	800,289	167,356
6	Attic Insulation - Residential (1,309 sq. ft. per participant)	44,139	7,012	323,642	20,227,598	3,142,431
7	Wall Insulation (.30 per sq. ft., 885 sq. ft. per participant)	339	-	1,680	90,019	-
8	Floor Insulation (.20 per sq. ft., 953 sq. ft. per participant)	274	-	1,879	52,205	-
9	Attic Insulation (.20 per sq. ft., 1,331 sq. ft. per participant)	9,012	-	67,170	2,398,919	-
10	Duct Sealing	277	8	1,263	62,325	1,800
11	Duct Insulation - Residential	363	10	2,599.08	90,750	2,500
12	Administrative & Overheads	N/A	N/A	N/A	1,855,240	656,726
13	Total	69,929	15,746	449,104 \$	27,075,937 \$	4,922,867

*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 - Utah
As of August 31, 2009

Line #	Program	Year-to-date 2009					Budget
		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs		
1	ThermWise Multi-Family Rebates Program						
2	Gas Storage Water Heater**	98	44	149 \$	4,900 \$	2,200	
3	ENERGY STAR Tier 1 Clothes Washer	69	220	87	3,450	11,000	
4	ENERGY STAR Tier 2 Clothes Washer	371	220	605	27,825	16,500	
5	Gas Dryer	18	220	15	540	6,600	
6	90+ Furnace**	318	165	1,722	95,400	49,500	
7	Residential Gas Boiler	1	165	14	400	66,000	
8	Wall Insulation Applications (392 sq. ft. per participant)	1	550	2	176	408,375	
9	Floor Insulation Applications (1,079 sq. ft. per participant)	2	220	16	755	77,000	
10	Attic Insulation Applications (1,220 sq. ft. per participant)	6,380	220	43,578	2,723,636	77,000	
11	Windows Applications (240 sq. ft. per participant)	99	1,100	799	22,578	209,000	
12	Wall Insulation (.30 per sq. ft.)	-	-	-	-	-	
13	Floor Insulation (.20 per sq. ft.)	-	-	-	-	-	
14	Attic Insulation (.20 per sq. ft., 733 sq. ft. per participant)	304	-	1,248	44,554	-	
15	Tankless Water Heater	3	15	31	900	4,500	
16	Solar Assisted Water Heater	-	5	-	-	3,750	
17	ENERGY STAR Multi-family	320	165	2,726	83,250	41,250	
18	Administrative & Overheads	N/A	N/A	N/A	473,841	1,118,249	
19	Total	7,984	3,309	50,992 \$	3,482,205 \$	2,090,924	

*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 - Utah
As of August 31, 2009

Line #	Program	Year-to-date 2009				
		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	Business Custom Rebates Total	1	15	915 \$	6,356 \$	75,132
2	Administrative & Overheads	N/A	N/A	N/A	24,212	219,505
3	Total	1	15	915 \$	30,568 \$	294,637

*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
As of August 31, 2009

Line #	Program	Year-to-date 2009		
		Actual Participants	Estimated Participants	Actual Costs
1	Market Transformation Total	N/A	N/A	\$ 942,282
				\$ 1,265,802

Questar Gas Company
Low Income Weatherization - Utah
As of August 31, 2009

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