

QUESTAR

bucket No.
14-057-06

Questar Gas Company
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Barrie L. McKay
2014 DMC 2 17 14 53
Vice President Regulatory Affairs

RECEIVED

December 12, 2014

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

Dear Chris:

Attached please find a copy of the Energy Efficiency Report for the quarter ended September 30, 2014.

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: Carolyn Roll, DPU
Public Service Commission
Office of Consumer Services

Questar Gas Company
Energy Efficiency Report - Utah Programs
As of September 30, 2014

Line #	Program	3rd Quarter 2014		Total 2014						
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget		
		Participants	Costs							
1	ThermWise Appliance Rebates	3,931	\$ 1,106,402	13,908	20,062	117,511	\$ 3,768,184	\$ 5,887,450		
2	ThermWise Builder Rebates	2,701	867,411	8,466	7,540	68,745	2,752,962	2,774,950		
3	ThermWise Business Rebates	1,198	944,496	2,218	1,323	55,302	2,018,833	1,985,759		
4	ThermWise Home Energy Plan	671	155,466	2,105	2,650	26,572	441,069	794,270		
5	ThermWise Weatherization Rebates	13,248	2,127,118	48,783	67,570	154,587	8,018,051	12,686,485		
6	ThermWise Business Custom Rebates	-	54,485	2	50	262	163,788	760,150		
7	Market Transformation	N/A	73,246	N/A	N/A	N/A	799,331	1,653,000		
8	Low Income Efficiency Program	289	174,721	1,461	2,132	7,061	745,911	931,386		
9	Programs Total	22,038	\$ 5,503,344	76,943	101,327	430,040	\$ 18,708,129	\$ 27,473,451		
10	Interest	N/A	38,914	N/A	N/A	N/A	71,001	N/A		
11	Amortization	N/A	(2,539,317)	N/A	N/A	N/A	(26,499,617)	N/A		
12	2014 TOTAL	22,038	\$ 3,002,941	76,943	101,327	430,040	\$ (7,720,488)	\$ 27,473,451		

*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, 2014

Line#	Program	3rd Quarter 2014			Total 2014						
		Actual		Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget		
		Participants	Participants								
1	92% Efficient Furnace	10	\$	2,000	39	179	518	\$	7,800	\$	35,800
2	95% Efficient Furnace	520		182,000	2,349	3,752	38,524		822,150		1,313,200
3	95% Efficient Furnace with ECM	1,051		420,400	3,433	4,493	56,301		1,373,200		1,797,200
4	98% Efficient Furnace with ECM	43		19,350	90	793	1,570		40,500		356,850
5	2.6 MEF Washer	1,694		84,700	5,377	7,285	7,485		268,850		364,250
6	Gas Water Heater - Tier 1	271		13,550	1,139	1,524	1,558		56,950		76,200
7	Gas Water Heater - Tier 2	158		15,800	483	450	1,530		48,300		45,000
8	Condensing Gas Water Heater	5		1,750	27	60	199		9,450		21,000
9	Hybrid Gas Water Heater	1		350	4	28	33		1,400		9,800
10	Boilers Tier 1	-		-	28	42	419		11,200		16,800
11	Boilers Tier 2	13		7,800	66	106	1,331		39,600		63,600
12	Solar Assisted Water Heater (domestic)	10		7,500	101	250	1,414		75,750		187,500
13	Solar Assisted Water Heater (pool)	7		5,250	13	20	717		9,750		15,000
14	Direct Vent Gas Fireplace	29		5,800	211	247	1,823		42,200		49,400
15	Tankless Gas Water Heater (tier 1)	18		5,400	57	96	401		17,100		28,800
16	Tankless Gas Water Heater (tier 2)	96		33,600	384	522	2,949		134,400		182,700
17	92% Efficient Furnace	-		-	-	5	-		-		1,000
18	95% Efficient Furnace	-		-	53	38	479		18,550		13,300
19	95% Efficient Furnace with ECM	-		-	-	53	-		-		21,200
20	2.6 MEF Washer	3		150	3	74	4		150		3,700
21	Gas Water Heater - Tier 1	2		100	6	15	8		300		750
22	Gas Water Heater - Tier 2	-		-	33	5	105		3,300		500
23	Boilers Tier 2	-		-	-	1	-		-		600
24	Solar Assisted Water Heater (domestic)	-		-	-	12	-		-		9,000
25	Solar Assisted Water Heater (pool)	-		-	-	1	-		-		750
26	Condensing Gas Water Heater	-		-	-	1	-		-		350
27	Hybrid Gas Water Heater	-		-	-	1	-		-		350
28	Boilers Tier 1	-		-	-	1	-		-		400
29	Direct Vent Gas Fireplace	-		-	-	2	-		-		400
30	Tankless Gas Water Heater (tier 1)	-		-	2	1	14		600		300
31	Tankless Gas Water Heater (tier 2)	-		-	-	5	-		-		1,750
32	90% Efficient Furnace	-		-	1	-	11		200		-
33	92% Efficient Furnace	-		-	9	-	120		2,700		-
34	Administrative & Overheads	N/A		300,902	N/A	N/A	N/A		783,784		1,270,000
35	Total	3,931	\$	1,106,402	13,908	20,062	117,511	\$	3,768,184	\$	5,887,450

*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, 2014

Line #	Program	3rd Quarter 2014		Total 2014				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Energy Star 3.0	80	\$ 24,000	325	276	7,956	97,500	\$ 248,400
2	High Performance Homes	31	15,500	98	22	3,387	49,000	25,300
3	ThermWise Builder Option Package 1 (Builder Cert)	2	100	3	296	41	150	88,800
4	ThermWise Builder Option Package 2 (Rater Cert)	40	4,000	175	291	2,996	17,500	101,850
5	92% Efficient Furnace	100	20,000	138	1,179	1,047	27,600	235,800
6	95% Efficient Furnace	602	210,700	2,283	1,614	20,456	799,050	564,900
7	95% Efficient Furnace with ECM	250	100,000	597	104	5,349	238,800	41,600
8	98% Efficient Furnace with ECM	-	-	-	2	-	-	900
9	Tier 1 Storage Water Heater	345	17,250	1,156	922	1,581	57,800	46,100
10	.67 EF Storage Water Heater	84	8,400	281	150	890	28,100	15,000
11	Tankless Water Heater	1	300	4	30	35	1,200	9,000
12	Tankless Water Heater Tier 2	57	19,950	163	30	1,565	57,050	10,500
13	Condensing Gas Water Heater	-	-	3	5	22	1,050	1,750
14	Hybrid Gas Water Heater	-	-	4	20	33	1,400	7,000
15	Gas Boiler Rebates Paid - Tier 1	3	1,200	8	5	77	3,200	2,000
16	Gas Boiler Rebates Paid - Tier 2	7	4,200	13	38	168	7,800	22,800
17	Solar Assisted Water Heater - domestic	-	-	-	35	-	-	26,250
18	Solar Assisted Water Heater - pool	-	-	-	5	-	-	3,750
19	2x6 Walls	358	125,300	1,279	108	13,097	445,550	37,800
20	R-5 Window	5	290	20	5	10	1,040	1,500
21	Energy Star 3.0 - MF	74	14,800	101	100	1,188	20,200	60,000
22	High Performance Homes - MF	6	1,800	17	84	282	5,100	58,800
23	ThermWise Builder Option Package 1 - MF	35	1,750	129	69	671	6,450	20,700
24	ThermWise Builder Option Package 2 - MF	3	300	8	69	53	800	24,150
25	92% Efficient Furnace - MF	20	4,000	47	730	211	9,400	146,000
26	95% Efficient Furnace - MF	215	75,250	591	559	3,073	206,850	195,650
27	95% Efficient Furnace with ECM - MF	40	16,000	40	28	208	16,000	11,200
28	Tier 1 Storage Water Heater - MF	135	6,750	155	500	212	7,750	25,000
29	.67 EF Storage Water Heater - MF	4	400	39	20	124	3,900	2,000
30	Tankless Water Heater - MF	-	-	-	5	-	-	1,500
31	Tankless Water Heater Tier 2 - MF	18	6,300	53	12	509	18,550	4,200
32	Condensing Gas Water Heater - MF	-	-	-	5	-	-	1,750
33	Hybrid Gas Water Heater - MF	-	-	-	5	-	-	1,750
34	Boilers Tier 1 - MF	-	-	-	5	-	-	2,000
35	Boilers Tier 2 - MF	-	-	-	5	-	-	3,000
36	Solar Assisted Water Heater - pool MF	-	-	-	2	-	-	1,500
37	2x6 Walls - MF	173	25,950	365	200	1,168	54,750	30,000
38	R-5 Window	-	-	-	5	-	-	750
39	92% Efficient Furnace	13	3,900	218	-	1,653	65,400	-
40	92% Efficient Furnace - MF	-	-	153	-	685	45,900	-
41	Administrative & Overheads	N/A	159,021	N/A	N/A	N/A	458,122	694,000
42	Total	2,701	\$ 867,411	8,466	7,540	68,745	\$ 2,752,962	\$ 2,774,950

*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 September 30, 2014

Line #	Program	3rd Quarter 2014		Total 2014		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs	Participants	Savings*					
1	92% Efficient Furnace	-	\$ -	2	44	26	\$ 400	\$ 8,800		
2	95% Efficient Furnace	197	68,950	495	101	7,168	173,250	35,350		
3	95% Efficient Furnace with ECM	4	1,600	10	9	145	4,000	3,600		
4	98% Efficient Furnace with ECM	-	-	-	-	-	-	-		
5	Gas Storage Water Heater - Tier 1 <75kBtu	126	6,300	258	1	254	12,900	50		
6	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	-	1	-	-	100		
7	Gas Storage Water Heater >75kBtu	7	3,599	21	16	696	9,942	5,270		
8	High Efficiency Gas Water Heater - Tankless <200KBtu	-	-	4	12	112.29	1,592	4,228		
9	High Efficiency Gas Water Heater - Tankless >200KBtu	-	-	4	4	197	2,798	9,960		
10	Condensing Gas Water Heater	-	-	2	12	15	700	4,200		
11	Hybrid Gas Water Heater	-	-	-	1	-	-	350		
12	2.6 MEF Washer	-	-	4	13	6	200	650		
13	Commercial Clothes Washer	-	-	-	1	-	-	75		
14	Boiler Reset Control	2	500	3	1	178	750	250		
15	Boiler Tune-up Tier 1	-	-	-	20	-	-	2,000		
16	Boiler Tune-up Tier 2	21	6,300	22	10	860	6,600	3,000		
17	Boiler Tune-up Tier 3	-	-	-	5	2	-	847		
18	Low Flow Pre-rinse Spray Valve	-	-	-	65	-	-	1,625		
19	Direct Contact Water Heater	-	-	-	4	-	-	1,190		
20	High Efficiency Boiler Hot Water Tier 1	4	16,000	5	8	1,447	20,140	17,356		
21	High Efficiency Boiler Hot Water Tier 2	22	141,881	46	75	16,205	194,028	518,320		
22	High Efficiency Boiler Steam Tier 1	-	-	-	1	-	-	14		
23	High Efficiency Boiler Steam Tier 2	-	-	-	9	-	-	97,260		
24	Gas Unit Heater NonCondensing	40	20,000	43	5	733	20,750	1,068		
25	Gas Unit Heater Condensing	2	3,150	10	21	343	15,150	32,022		
26	Infrared Heating System	70	55,500	208	437	12,319.35	159,975	309,615		
27	High Efficiency Gas Combo Oven	-	-	3	8	97	3,000	8,000		
28	Energy Star Gas Commercial Fryer	4	2,000	51	12	824	25,500	6,000		
29	High Efficiency Gas Convection Oven	8	4,000	15	8	194	7,500	4,000		
30	High Efficiency Gas Griddle	-	-	1	1	7	300	300		
31	Energy Star Gas Steam Cooker	-	-	-	1	-	-	1,000		
32	Windows - site built (new construction)	1	3,807	4	1	980	27,672	17		
33	Windows - pre fab (new construction)	-	-	-	86	-	-	18		
34	Windows - site built (retrofit)	-	-	-	33	-	-	184		
35	Windows - pre fab (retrofit)	531	3,318	582	36	268	3,599	225		
36	Attic Insulation (new construction)	1	773	8	1	364	13,999	350		
37	Attic Insulation (retrofit)	153	387,096	261	252	9,714	626,889	94,631		
38	Wall Insulation (new construction)	1	720	6	4	125	7,702	664		
39	Wall Insulation (retrofit)	4	3,631	13	4	249	10,308	171		
40	92% Plus AFUE Condensing Gas Furnace - Commercial	-	-	137	-	1,776	41,100	-		
41	Administrative & Overheads	N/A	215,371	N/A	N/A	N/A	628,288	813,000		
42	Total	1,198	\$ 944,496	2,218	1,323	55,302	\$ 2,018,833	\$ 1,985,759		

*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 Plan - Utah Programs
As of September 30, 2014

Line #	Program	3rd Quarter 2014		Total 2014						
		Participants**	Actual Costs	Participants**	Plans / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	THERMWISE HOME ENERGY PLAN									
2	Efficiency Measures	660	\$ 8,089		2,043	10,511	2,510	26,440	\$ 24,335	\$ 53,070
3	Programmable Thermostat - Residential	11	330		62	N/A	140	132	1,860	4,200
4	Administrative & Overheads	N/A	147,047		N/A	N/A	N/A	N/A	414,874	737,000
5	Total	671	\$ 155,466		2,105	10,511	2,650	26,572	\$ 441,069	\$ 794,270

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

**Participants, Plans Completed and Efficiency Items are based on reported numbers from the ThermWise Home Energy Experts.

Questar Gas Company
ThermWise Weatherization Rebates Program - Utah Programs
As of September 30, 2014

Line #	Program	3rd Quarter 2014		Total 2014				
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
		Participants	Costs					
1	Attic Insulation Tier 1	2,625	\$ 954,882	10,304	16,775	63,227	\$ 3,727,980	\$ 5,775,127
2	Attic Insulation Tier 2	1,219	120,216	5,812	11,903	8,584	577,763	1,415,559
3	Floor Insulation	44	7,635	198	321	960	35,297	51,249
4	Wall Insulation	185	57,752	762	905	3,120	220,729	233,296
5	Windows	5,281	75,280	16,967	19,604	8,338	240,313	275,753
6	Duct Sealing & Insulation	773	208,263	2,281	312	24,598	617,867	130,800
7	R-5 Windows	374	13,751	1,315	471	1,092	48,895	18,041
8	Air Sealing	71	30,937	367	1,671	2,754	172,139	880,192
9	Attic Insulation Tier 1 MF - .25 per sq. ft	1,400	298,112	4,751	5,468	17,702	1,043,724	1,352,449
10	Attic Insulation MF Tier 2	525	29,968	2,615	3,929	2,419	162,791	265,514
11	Floor Insulation MF	-	-	-	23	-	-	418
12	Wall Insulation MF	-	-	8	3	25	1,747	306
13	Windows MF	-	-	3	3	10	281	2,870
14	R-5 Windows MF	-	-	-	-	-	-	-
15	Duct Sealing & Insulation MF	751	140,946	3,400	6,182	21,760	629,282	1,074,911
16	Administrative & Overheads	N/A	189,379	N/A	N/A	N/A	539,244	1,210,000
17	Total	13,248	\$ 2,127,118	48,783	67,570	154,587	\$ 8,018,051	\$ 12,686,485

*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, 2014

Line #	Program	3rd Quarter 2014		Total 2014				Actual Costs	Budget
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs		
1	Business Custom Rebates	-	\$ -	2	50	262	\$ 2,618	\$ 250,000	
2	Administrative & Overheads	N/A	54,485	-	N/A	N/A	161,170	510,150	
3	Total	-	\$ 54,485	2	50	262	163,788	\$ 760,150	

*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, 2014

Line #	Program	3rd Quarter 2014		Total 2014			Budget
		Participants	Actual Costs	Actual Participants	Estimated Participants	Actual Costs	
1	Market Transformation Total	N/A	\$ 73,246	N/A	N/A	\$ 799,331	\$ 1,653,000

Questar Gas Company
 Low Income Efficiency Program - Utah Programs
 As of September 30, 2014

Line #	Program	3rd Quarter 2014		Year-to-date 2014					
		Actual		Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
		Participants	Costs						
1	92% Efficient Furnace	5	\$ 1,000	5	154	83	\$ 1,000	\$ 53,900	
1	95% Efficient Furnace	12	4,200	92	154	1,886	32,200	53,900	
2	95% Efficient Furnace with ECM	6	2,400	13	40	267	5,200	16,000	
2	98% Efficient Furnace with ECM	-	-	1	-	22	450	-	
3	Gas Water Heater - Tier 1	-	-	1	20	2	50	1,000	
4	Gas Water Heater - Tier 2	4	400	23	38	91.08	2,300	3,800	
5	Boiler- Tier 1	-	-	1	-	19	400	-	
5	Boiler- Tier 2	1	600	1	-	25	600	-	
6	Attic Insulation - Tier 1	33	9,151	130	300	752	35,487	95,340	
7	Attic Insulation Tier 2	18	1,452	67	192	95	5,106	18,717	
8	Floor Insulation	17	2,319	75	58	382	11,222	12,354	
9	Wall Insulation	28	4,510	81	68	290	16,442	20,071	
10	Windows	100	1,262	562	180	318	7,330	18,180	
11	Programmable Thermostat	13	390	92	148	245	2,760	4,440	
12	Duct Sealing & Insulation	2	900	23	90	310	9,142.50	39,330	
13	Air Sealing	50	20,268	294	180	2,275	113,764	52,104	
14	Tank Less Gas Water Heater - Tier 1	-	-	-	5	-	-	1,500	
15	Tank Less Gas Water Heater - Tier 2	-	-	-	5	-	-	1,750	
16	Low Income Furnace Replacement	-	125,000	-	500	-	500,000	500,000	
17	Administrative & Overheads	N/A	870	N/A	N/A	N/A	2,458	39,000	
18	Total	289	\$ 174,721	1,461	2,132	7,061	\$ 745,911	\$ 931,386	

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