

	Q212			Q312			Q412			Q113			Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
<b>Total Steam mmBtu Sales - 2012</b>	218,880	216,197	207,738	201,369	199,763	201,658	216,350	219,838	226,065	249,946	229,041	251,298	<b>2,638,143</b>
<b>Fuel Costs - 2012</b>	\$ 541,209	\$ 586,319	\$ 645,436	\$ 523,725	\$ 602,956	\$ 553,637	\$ 636,275	\$ 688,373	\$ 728,653	\$ 799,172	\$ 759,813	\$ 864,369	<b>7,909,936</b>
Coal Costs - 2012	\$ 291,555	\$ 294,682	\$ 432,322	\$ 333,744	\$ 221,001	\$ 331,123	\$ 364,353	\$ 370,406	\$ 371,163	\$ 390,044	\$ 343,780	\$ 394,116	
Gas Costs - 2012	\$ 249,654	\$ 291,637	\$ 213,114	\$ 189,980	\$ 381,954	\$ 222,514	\$ 271,922	\$ 297,968	\$ 357,491	\$ 409,128	\$ 416,032	\$ 470,253	
Oil Costs - 2012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hedge Costs - 2012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Coal mmBtu Input Bir Nos. 5	mmBtu 138,854	141,723	164,356	167,649	110,378	161,224	174,517	176,986	171,115	183,934	157,223	178,332	<b>1,926,291</b>
Gas mmBtu Input Bir Nos. 1-5 & 8	mmBtu 124,599	116,224	78,438	68,379	132,553	80,357	83,716	88,293	105,329	120,908	122,180	129,645	<b>1,250,621</b>
No. 2 Oil mmBtu Input Bir Nos. 1-4	mmBtu -	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>
<b>Bir 1-5 Fuel to Steam Input</b>	<b>mmBtu 263,453</b>	<b>257,947</b>	<b>242,794</b>	<b>236,028</b>	<b>242,931</b>	<b>241,581</b>	<b>258,233</b>	<b>265,279</b>	<b>276,444</b>	<b>304,842</b>	<b>279,403</b>	<b>307,977</b>	<b>3,176,912</b>
Production Test - Q1	mmBtu		<b>444,933</b>	1,009		<b>439,251</b>	0		<b>522,618</b>	0		<b>519,489</b>	0
Production Test - Q4	mmBtu		<b>1,882,741</b>	0		<b>1,894,294</b>	0		<b>1,884,873</b>	0		<b>1,926,291</b>	0
Production Coal Costs - Q1			2,2892			2,0168			2,1161			2,1712	
Production Coal Costs - Q4			2,1409			2,0508			2,0991			2,14831948	
Production Gas Costs - Q1			2,3630			2,8243			3,3439			3,4754	
Production Gas Costs - Q4			3,0056			2,7653			2,7753			3,015820109	
<b>Appendix D</b>	mmBtu 202,635	195,170	159,314	177,341	198,924	188,724	187,991	187,887	190,423	110,912	188,695	196,088	<b>2,184,104</b>
Adjusted Production Standards - Q1	mmBtu		<b>445,942</b>			<b>419,111</b>			<b>460,000</b>			<b>460,000</b>	
Adjusted Production Standards - Q4	mmBtu		<b>1,861,323</b>			<b>1,877,918</b>			<b>1,877,918</b>			<b>1,877,918</b>	
Production Standards - Q1	mmBtu		<b>460,000</b>			<b>460,000</b>			<b>460,000</b>			<b>460,000</b>	
Production Standards - Q4	mmBtu		<b>1,920,000</b>			<b>1,920,000</b>			<b>1,920,000</b>			<b>1,920,000</b>	
12 Month Actual Sales Test %			96.9439%			100.0000%			100.0000%			100.0000%	
Days Boiler #5 had Major Maintenance	0	0	0	0	8	0	0	0	0	0	0	0	
Boiler #5 Major Maintenance Adjustment Q1			100.0000%			91.1111%			100.0000%			100.0000%	
Boiler #5 Major Maintenance Adjustment Q4			100.0000%			97.8082%			97.8082%			97.8082%	
Quarterly Fuel Costs - Actual	\$		1,772,963			1,680,318			2,033,302			2,423,354	
Production Standards - Coal			2,310			0			0			0	
Production Standards - Gas			(2,384)			0			0			0	
Quarterly Fuel Costs - Adjusted	\$		<b>1,772,889</b>			<b>1,680,318</b>			<b>2,033,302</b>			<b>2,423,354</b>	
Quarterly Bir 1-5 & 8 Fuel to Steam Input	mmBtu		764,194.00			720,540.00			799,956.00			892,222.00	
Base fuel amount (per million BTU)	mmBtu	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	
Quarterly Fuel Costs - Collected	\$		3,018,566			2,846,133			3,159,826			3,524,277	
(Over) or Under Collected Fuel Costs	\$		(1,245,677)			(1,165,815)			(1,126,525)			(1,100,923)	
85% of change in actual fuel costs	\$		(1,058,826)			(990,943)			(957,546)			(935,765)	
Rolling 12-months Steam Btu Sales	mmBtu		2,515,670			2,599,707			2,606,278			2,638,143	
Quarterly Cost Adjustment			(0.4209)			(0.3812)			(0.3674)			(0.3547)	
Cumulative - QCA			(1.5415)			(1.7015)			(1.6560)			(1.5242)	

	Q213			Q313			Q413			Q114			Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
<b>Total Steam mmBtu Sales - 2013</b>	232,068	218,373	177,248	209,768	202,923	198,595	0	0	0	0	0	0	<b>1,238,975</b>
<b>Fuel Costs - 2013</b>													
Coal Costs - 2013	\$ 841,122	\$ 721,553	\$ 708,596	\$ 777,318	\$ 769,138	\$ 567,331	0	0	0	0	0	0	<b>4,385,059</b>
Gas Costs - 2013	\$ 397,856	\$ 377,087	\$ 217,792	\$ 292,961	\$ 365,844	\$ 377,452	-	-	-	-	-	-	
Oil Costs - 2013	\$ 443,266	\$ 344,466	\$ 490,805	\$ 484,357	\$ 403,295	\$ 189,879	-	-	-	-	-	-	
Hedge Costs - 2013	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	-	-	
Coal mmBtu Input Blr Nos. 5	mmBtu 177,110	186,155	92,245	137,559	165,026	170,436	-	-	-	-	-	-	<b>928,531</b>
Gas mmBtu Input Blr Nos. 1-5 & 8	mmBtu 104,830	81,456	126,720	125,540	85,925	76,166	-	-	-	-	-	-	<b>600,637</b>
No. 2 Oil mmBtu Input Blr Nos. 1-4	mmBtu -	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>
<b>Blr 1-5 Fuel to Steam Input</b>	mmBtu 281,940	267,611	218,965	263,099	250,951	246,602	0	0	0	0	0	0	<b>1,529,168</b>
Production Test - Q1	mmBtu		<b>455,510</b>	4,490		<b>473,021</b>	0		<b>0</b>	349,082		<b>0</b>	219,628
Production Test - Q4	mmBtu		<b>1,936,868</b>	0		<b>1,970,638</b>	0		<b>1,448,020</b>	9,019		<b>928,531</b>	0
Production Coal Costs - Q1			2.1794			2.1907			#DIV/0!			#DIV/0!	
Production Coal Costs - Q4			2.1233			2.1632			2.1802			2.1852	
Production Gas Costs - Q1			4.0847			3.7462			#DIV/0!			#DIV/0!	
Production Gas Costs - Q4			3.4522			3.6610			3.7514			3.9226	
<b>Appendix D</b>	mmBtu	202,635	195,170	159,314	177,341	198,924	187,991	187,887	190,423	110,912	188,695	196,088	<b>2,184,104</b>
Adjusted Production Standards - Q1	mmBtu			<b>460,000</b>					<b>460,000</b>			<b>219,628</b>	
Adjusted Production Standards - Q4	mmBtu			<b>1,877,918</b>					<b>1,457,039</b>			<b>916,707</b>	
Production Standards - Q1	mmBtu			<b>460,000</b>					<b>460,000</b>			<b>460,000</b>	
Production Standards - Q4	mmBtu			<b>1,920,000</b>					<b>1,920,000</b>			<b>1,920,000</b>	
12 Month Actual Sales Test %			100.0000%			100.0000%			75.6874%			47.7452%	
Days Boiler #5 had Major Maintenance		0	0	0	0	0	0	0	0	0	0	0	
Boiler #5 Major Maintenance Adjustment Q1			100.0000%			100.0000%			100.0000%			100.0000%	
Boiler #5 Major Maintenance Adjustment Q4			97.8082%			100.0000%			100.0000%			100.0000%	
Quarterly Fuel Costs - Actual	\$		2,271,271			2,113,788			0			0	
Production Standards - Coal			9,785			0			#DIV/0!			#DIV/0!	
Production Standards - Gas			(18,340)			0			#DIV/0!			#DIV/0!	
Quarterly Fuel Costs - Adjusted	\$		<b>2,262,716</b>			<b>2,113,788</b>			<b>#DIV/0!</b>			<b>#DIV/0!</b>	
Quarterly Blr 1-5 & 8 Fuel to Steam Input	mmBtu		768,516.00			760,652.00			0.00			0.00	
			2.94			2.78			#DIV/0!			#DIV/0!	
<b>Base fuel amount (per million BTU)</b>	mmBtu	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	3.9500	
Quarterly Fuel Costs - Collected	\$		3,035,638			3,004,575			0			0	
(Over) or Under Collected Fuel Costs	\$		(772,922)			(890,788)			#DIV/0!			#DIV/0!	
85% of change in actual fuel costs	\$		(656,964)			(757,170)			#DIV/0!			#DIV/0!	
Rolling 12-months Steam Btu Sales	mmBtu		<b>2,623,017</b>			<b>2,631,513</b>			<b>1,969,260</b>			<b>1,238,975</b>	
Quarterly Cost Adjustment			(0.2505)			(0.2877)			#DIV/0!			#DIV/0!	
Cumulative - QCA			(1.3538)			(1.2603)			#DIV/0!			#DIV/0!	

**Total Steam mmBtu Sales**

	<u>2007</u>	<u>06-07 rolling</u>	<u>2008</u>	<u>07-08 rolling</u>	<u>2009</u>	<u>08-09 rolling</u>	<u>2010</u>	<u>09-10 rolling</u>	<u>2011</u>	<u>10-11 rolling</u>	<u>2012</u>	<u>11-12 rolling</u>	<u>2013</u>	<u>12-13 rolling</u>	<u>2014</u>	<u>13-14 rolling</u>
Jan	216,576		252,642		238,762		247,011		254,018		232,106		249,946		-	
Feb	195,401		234,677		223,168		223,234		228,525		229,307		229,041		-	
Mar	216,301	2,257,289	235,092	2,550,573	228,267	2,569,161	246,630	2,565,289	248,195	2,671,254	237,007	2,475,887	251,298	2,638,143	-	1,238,975
Apr	202,306		227,282		205,054		202,624		213,858		218,880		232,068		-	
May	186,234		209,320		190,919		206,212		198,344		216,197		218,373		-	
Jun	192,882	2,307,858	191,622	2,597,375	184,834	2,521,744	202,288	2,595,606	190,830	2,563,162	207,738	2,515,670	177,248	2,623,017	-	611,286
Jul	186,532		196,358		188,131		201,013		153,873		201,369		209,768		-	
Aug	183,134		182,132		190,690		189,729		186,147		199,763		202,923		-	
Sep	192,040	2,354,882	180,813	2,594,972	163,957	2,505,219	170,954	2,614,524	178,733	2,520,219	201,658	2,599,707	198,595	2,631,513	-	0
Oct	226,701		228,872		237,773		209,986		213,700		216,350		-		-	
Nov	226,638		224,167		233,442		217,771		216,038		219,838		-		-	
Dec	231,695	2,456,440	238,398	2,601,375	253,614	2,538,611	239,939	2,557,391	225,944	2,508,205	226,065	2,606,278	-	1,969,260	-	0
<b>Total</b>	<b>2,456,440</b>															

		<u>% by Quarter</u>		<u>07 - '08</u>		<u>% by Quarter</u>		<u>09 - '10</u>	
		Q1	628,278	722,411	14.983%	Q1	690,197	716,875	3.865%
Q2	20.151%	Q2	581,422	628,224	8.050%	Q2	580,807	611,124	5.220%
Q3	16.496%	Q3	561,706	559,303	-0.428%	Q3	542,778	561,696	3.485%
Q4	20.160%	Q4	685,034	691,437	0.935%	Q4	724,829	667,696	-7.882%
		<u>% by Quarter</u>		<u>'08 - '09</u>		<u>% by Quarter</u>		<u>10 - '11</u>	
Q1	18.966%	Q1	722,411	690,197	-4.459%	Q1	716,875	730,738	1.934%
Q2	9.526%	Q2	628,224	580,807	-7.548%	Q2	611,124	603,032	-1.324%
Q3	9.137%	Q3	559,303	542,778	-2.955%	Q3	561,696	518,753	-7.645%
Q4	17.406%	Q4	691,437	724,829	4.829%	Q4	667,696	655,682	-1.799%







Transfer Q110 Bal to Q211 r factor															
Oct-12													1,714.09	1,896.41	
Nov-12													1,838.98	2,141.87	
Dec-12													1,888.82	2,176.40	
Transfer Q210 Bal to Q311 r factor															
Jan-13												(226.07)	1,921.55	2,238.04	
Feb-13												(249.85)	2,124.54	2,474.47	
Mar-13												(229.04)	1,946.85	2,267.51	
Transfer Q310 Bal to Q411 r factor															
Apr-13											(11,383.80)	(251.30)	2,136.03	2,487.85	
May-13											(10,512.68)	(232.07)	1,972.58	2,297.47	
Jun-13											(9,892.30)	(218.37)	1,856.17	2,161.89	
Transfer Q410 Bal to Q112 r factor															
Jul-13										(199,758.50)	(8,029.33)	(177.25)	1,506.61	(1,817.91)	
Aug-13										(236,408.54)	(9,502.49)	(209.77)	1,783.03		
Sep-13										(228,694.22)	(9,192.41)	(202.92)	1,724.85		
Transfer Q111 Bal to Q212 r factor															
														(921.88)	
Balance After R-Factor Recovery			862,742.20	(757,170.00)	(656,984.00)	(726,533.63)	(482,983.50)	(229,789.51)	1,259,539.24	88,350.09	2,308,267.40	59,462.57	583.54	-	
BALANCE PER CL			09/30/13	862,742.20	-	(656,984.00)	(726,533.63)	(482,983.50)	(229,789.51)	1,259,539.24	88,350.09	2,308,267.40	59,462.57	583.54	-
recon diff =			(0.00)		(757,170.00)	-	-	-	-	-	-	-	(0.00)	-	











## Steam/Electric Hedging Misclassification Explanation

The current QCA filing includes an adjustment made in the r-factor calculation to correct for a prior misclassification made within the accounting records. Following is a description of the history of this matter.

GMO (Aquila at the time) had natural gas hedging programs for both its MPS electric and L&P Steam jurisdictions. The hedging program for MPS electric began in 2004. The hedging program for L&P Steam began in 2006. The program strategies were the same for each jurisdiction, but the plans were maintained separately. The strategy equated to 1/3 futures, 1/3 options, 1/3 not hedged (based upon forecasted volumes). Purchasing for the Steam program was stopped November 1, 2007 following the requests of the steam customers. Previously purchased instruments were kept in place and allowed to carry forward to their expiration. November 2010 was the last month hedged for the Steam system.

The Riskworks system, the system of record, was used to keep track of the futures and options purchased. A system of "books" was used to track, within Riskworks, the L&P Steam vs. MPS electric hedges. In order to avoid having to take actual physical delivery of the gas at the end of the futures life, prior to the NYMEX settlement date, the trader zeroed out or unwound the positions. The gain or loss associated with the futures positions was calculated within Riskworks. Monthly, a report was obtained from Riskworks that showed how much should be recorded on the MPS electric books and how much should be recorded on the L&P steam books. Accounting would post to the general ledger based upon the report from Riskworks.

In February 2009, GPE switched brokers (per the broker's request). This switch occurred on February 4th and 5<sup>th</sup> 2009. The hedge positions from the former broker were cashed out and replaced with the new broker. After the broker change, many of the transaction settlement positions were inadvertently reported out of Riskworks as MPS electric settlements rather than steam settlements. This primarily impacted the settlement of futures hedges. It is unclear what caused the misclassification of costs as both personnel and systems have changed in the ensuing time.

Since these misclassified costs were subsequently accounted for as MPS electric positions, they were included in the MPS electric customers' Fuel Adjustment Clause (FAC) at 95% of the total costs overstating the costs recovered under the FAC. Thus they were not included in the industrial steam customers' Quarterly Cost Adjustment (QCA) (at either 80% or 85% recovery depending on the timeframe) understating the costs recovered under the QCA.

To correct for the misclassification, a refund of \$1.4 million (95% of \$1.4 million for 2009 plus \$62,000 for 2010) will need to be made to the MPS electric customers in the next semi-annual filing. This current QCA filing includes a \$1.2 million (80% of \$550,000 through 6/30/2009 plus 85% of \$903,000) charge added to the r-factor calculation.