



Aquila

7101 Mercy Road
Suite 400
Omaha, NE 68106

March 28, 2003

Mr. Dale Hardy Roberts, Secretary, Chief Regulatory Law Judge
Missouri Public Service Commission
200 Madison Street
Jefferson City, MO 65101

FILED

MAR 31 2003

**Missouri Public
Service Commission**

Dear Mr. Roberts:

Enclosed are an original and three copies of PSC MO. No. 4, 58th Revised Sheet No. 9.4 reflecting changes in the Purchased Gas Adjustment of the Aquila Inc., d/b/a Aquila Networks – L&P Purchased Gas Adjustment Clause.

Enclosure 1 reflects the Purchased Gas Adjustment calculation. The PGA has been developed using NYMEX pricing weighted for the months of April 2003 through October 2003, and the "Inside FERC's Gas Market Report" posted price for March 2003. The tariff rate changes for SJLP are based on the ANR filings of their FERC Gas Tariffs, Sixth Revised Sheet No. 6 and Thirty-Fourth Revised Sheet No. 17.

Enclosure 2 reflects the Weighted Average Cost of Gas (WACOG) for the last three years, April through October.

Enclosure 3 reflects the estimated ACA through August 2003.

Enclosure 4 reflects the estimated Deferred Carrying Cost Balance through August 2003.

The seasonal revenue impact or comparison to the same period last year, for the gas cost recovery portion of the rates is an increase in the amount of \$99,627 or 9.49% as determined on Enclosure 5.

Aquila Networks –L&P respectfully requests that the rates proposed in this unscheduled filing become effective with volumes taken on and after April 14, 2003.

Sincerely,

A handwritten signature in black ink, appearing to read "Amy Winkler". The signature is fluid and cursive, with the first name "Amy" written in a larger, more prominent script than the last name "Winkler".

Amy Winkler
Regulatory Analyst

Enclosures

cc: Office of the Public Counsel

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

4

58th

Original

Sheet No.

9.4

Revised

Cancelling P.S.C. MO. No.

4

57th

Original

Sheet No.

9.4

Revised

Aquila Inc., d/b/a Aquila Networks-L&P
KANSAS CITY, MO 64138

FOR: All Territory Served by St. Joseph Light & Power

<p>PURCHASED GAS ADJUSTMENT CLAUSE NATURAL GAS</p>
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PGA ADJUSTMENT SHEET

As provided in Sheet No's. 8 through 9.33 of the Purchased Gas Adjustment Clause, the following adjustments in dollars (\$) per Ccf will become effective on the effective date of this tariff.

	<u>RPGA</u> <u>Factor</u>	<u>ACA</u> <u>Factor</u>	<u>Refund</u> <u>Factor</u>	<u>TOP<></u> <u>Factor</u>	<u>TC<></u> <u>Factor</u>	<u>TOTAL</u> <u>PGA</u> <u>Factor</u>
*	0.61016	(0.0067)	0.0000	0.0000	0.0042	0.60766

<> Schedule 971 customers will be billed the TOP factor and the TC factor listed above for all volumes transported.

*indicates new rate or text
+indicates change

DATE OF ISSUE: March 28, 2003
ISSUED BY: Steven M. Jurek, Regulatory Services

EFFECTIVE DATE: April 14, 2003

Aquila Inc., d/b/a Aquila Networks - L&P
Annualized Gas Cost Calculation
To Reflect Current ANR & Spot Market Rates

Enclosure 1

Page 1 of 4

FIRM	Annual/ Seasonal Volume	Monthly Capacity Reserved	No. of Mths Reserved	Tariff Rate	Annual Cost
SJLP Transportation Cost per MCF					\$0.9304
Spot Market Purchases	727,647			\$5.1712	\$3,762,808
Season Budget Cost per MCF at Burnertip	<u>727,647</u>				\$5.1712
Summer PGA Total Cost per MCF at Burnertip					\$6.1016
Highest WACOG (Summer Period)		Apr 00 - Oct 00	Apr 01 - Oct 01	Apr 02 - Oct 02	Average WACOG
		\$4.0114	\$4.3127	\$3.0736	\$3.7992
Highest Avg WACOG-Summer Period (Avg of winter seasons with the highest of 3 averages)					\$4.0560
				March 2003 Gas Commodity Costs	\$10.1234

ANR RATES

Transport Charge	\$0.9223
ACA Charge	\$0.0021
GRI Charge	\$0.0060
Volumetric Charge	\$0.0000
Rate Adjustment	\$0.0000
Transport Use Fee	3.90%
Storage Use Fee	2.16%
	\$0.9304

Note: From FERC Gas Tariff: ANR Sixth Revised Sheet No. 6 Effective 11/01/97 , Thirty-Fourth Revised Sheet No. 17 Effective 01/01/03.

Annual Throughput 727,647

Season Budget (Dth)

Jan	142,115
Feb	111,858
Mar	88,142
Apr	63,306
May	8,420
Jun	10,375
Jul	15,422
Aug	17,267
Sep	12,574
Oct	40,886
Nov	87,673
Dec	129,609
TOTAL	727,647

Aquila Inc., d/b/a Aquila Networks - L&P
Current Gas Cost Calculation

Enclosure 1

Page 3 of 4

	<u>Apr-03</u>	<u>May-03</u>	<u>Jun-03</u>	<u>Jul-03</u>	<u>Aug-03</u>	<u>Sep-03</u>	<u>Oct-03</u>	<u>Totals</u>
SUMMARY OF COMMODITY COSTS								
Purchase Requirements	63,306	8,420	10,375	15,422	17,267	12,574	40,886	168,250
Storage Withdrawal	0	0	0	0	0	0	0	
Storage WACOG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase Requirements minus Storage	63,306	8,420	10,375	15,422	17,267	12,574	40,886	168,250
Contract 99722	28,204	3,373	4,566	7,718	7,409	3,606	16,249	71,125
Group 1 ANR Fuel %	2.37%	2.37%	2.37%	2.37%	2.37%	2.37%	2.37%	
	28,888	3,455	4,676	7,906	7,589	3,693	16,644	72,851
Contract 99723	35,102	5,047	5,809	7,704	9,858	8,968	24,637	97,125
Group 2 Fuel %	3.40%	3.40%	3.40%	3.40%	3.40%	3.40%	3.40%	
	36,338	5,225	6,014	7,975	10,205	9,284	25,504	100,545
Purchases minus Storage with Fuel	65,226	8,680	10,690	15,881	17,794	12,977	42,148	173,396
Contracted Fixed Price Supply	0	0	0	0	0	0	0	0
Contracted Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0
(Contracted Fixed Price Supply only applies in the winter months.)								
Total Supply	65,226	8,680	10,690	15,881	17,794	12,977	42,148	173,396
Forecasted Price (NYMEX-WNG Basis)*	\$ 4.956	\$ 5.050	\$ 5.090	\$ 5.086	\$ 5.084	\$ 5.042	\$ 5.027	
Total Cost	\$ 323,260	\$ 43,834	\$ 54,412	\$ 80,771	\$ 90,465	\$ 65,430	\$ 211,878	\$ 870,050
<u>Forecasted Gas Commodity Cost</u>	323,260	43,834	54,412	80,771	90,465	65,430	211,878	870,050
<u>Forecasted Sales Gas Quantity</u>	63,306	8,420	10,375	15,422	17,267	12,574	40,886	168,250

Gas Cost (Commodity) Dth

\$5.1712

Aquila Inc., d/b/a Aquila Networks - L&P
Gas Commodity Cost Calculation

Enclosure 1

Page 4 of 4

INSIDE FERC MAR 03	\$	8.67
Group 1 ANR Fuel %		2.37%
Group 2 ANR Fuel %		3.40%
ANR Index Adjusted for Fuel	\$	9.1930
Transport Charge		\$0.9223
ACA Charge		\$0.0021
GRI Charge		<u>\$0.0060</u>
		\$10.1234

SJLP WACOG CAP
Enclosure 2

	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCTOBER		
SJLP (00):									
Purchase Volumes	76,000	31,000	80,000	121,000	31,000	22,000	77,200	438,200	
Commodity Cost (Highest)	\$2.8162	\$2.9400	\$4.0381	\$4.1217	\$4.0250	\$4.7391	\$5.2050		
Total Commodity Costs	\$214,030	\$91,140	\$323,050	\$498,725	\$124,775	\$104,260	\$401,828	\$1,757,808	
				Weighted Avg. Commodity Costs					\$4.0114
SJLP (01):									
Purchase Volumes	140,517	74,349	57,548	59,353	65,321	35,495	44,202	476,785	
Commodity Cost (Highest)	\$5.4574	\$4.9722	\$4.0310	\$3.5843	\$3.5773	\$3.3297	\$2.7853		
Total Commodity Costs	\$766,858	\$369,675	\$231,975	\$212,738	\$233,670	\$118,187	\$123,116	\$2,056,218	
				Weighted Avg. Commodity Costs					\$4.3127
SJLP (02):									
Purchase Volumes	81,000	93,000	75,000	55,800	65,100	73,500	74,389	517,789	
Commodity Cost (Highest)	\$3.2775	\$3.1425	\$3.0300	\$2.9650	\$2.7400	\$2.9550	\$3.3000		
Total Commodity Costs	\$265,478	\$292,253	\$227,250	\$165,447	\$178,374	\$217,193	\$245,484	\$1,591,479	
				Weighted Avg. Commodity Costs					\$3.0736
							Average of 3 Periods		\$3.7992
				Highest Avg WACOG-Summer Period (avg of summer seasons with the highest of 3 averages)					\$4.0560
							March 2003 Gas Commodity Cost		\$9.2297

Aquila Inc., d/b/a Aquila Networks - L&P
2002-2003 ACA Year PGA Estimate
 (Based on Monthly Actuals and Estimates)

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
Commodity	\$16.0772	\$4.0980	\$4.4603	\$3.7716	\$3.3325	\$5.1200	\$6.0373	\$4.9560	\$5.0500	\$5.0900	\$5.0860	\$5.0840	
Fixed Costs	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Estimated Sales Volume	16,443	22,614	68,298	102,135	131,466	142,312	141,242	65,226	26,755	10,690	15,881	17,794	760,856
ACA Factor in Effect	\$0.4227	\$0.5099	\$0.4997	\$0.0266	(\$0.0648)	(\$0.0652)	(\$0.0670)	(\$0.0670)	(\$0.0670)	(\$0.0670)	(\$0.0670)	(\$0.0670)	
PGA Factor in Effect	\$5.1076	\$5.0164	\$4.8948	\$4.3241	\$4.3090	\$4.3084	\$4.2840	\$6.1016	\$6.1016	\$6.1016	\$6.1016	\$6.1016	
PGA/ACA Factor - Required	\$16.0772	\$4.0980	\$4.4603	\$3.7716	\$3.3325	\$5.1200	\$6.0373	\$4.9560	\$5.0500	\$5.0900	\$5.0860	\$5.0840	
Over/Under Recovery	-\$10.5468	\$1.4283	\$0.9342	\$0.5790	\$0.9116	-\$0.8768	-\$1.8203	\$1.0786	\$0.9846	\$0.9446	\$0.9486	\$0.9506	

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Gas Supply Purchased (in Dth)	7,588	63,619	92,659	112,520	159,040	115,211	114,345	52,805	21,660	8,654	12,857	14,405	775,363
Sales Volumes (in Mcf)	16,443	22,614	68,298	102,135	131,466	142,312	141,242	65,226	26,755	10,690	15,881	17,794	760,856
Cost of Gas Purchased and Produced	121,994	260,713	413,285	424,381	530,002	589,882	690,334	261,701	109,383	44,050	65,389	73,237	3,584,351
ACA Factor in Effect	6,951	11,532	34,130	2,712	(8,521)	(9,273)	(9,463)	(4,370)	(1,793)	(716)	(1,064)	(1,192)	18,932
PGA Factor in Effect	83,983	113,442	334,303	441,642	566,484	613,132	605,080	397,983	163,248	65,226	96,900	108,572	3,589,995
PGA Factor - Required	121,994	260,713	413,285	424,381	530,002	589,882	690,334	261,701	109,383	44,050	65,389	73,237	3,584,351
Over/(Under) Recovery	(31,060)	(135,739)	(44,852)	19,972	27,960	13,977	(94,718)	131,912	52,073	20,460	30,446	34,142	24,575

Prior ACA Yr Over/(Under) Recovery Balance-Firm	121,316												
Monthly ACA Over/(Under) Recovery	6,951	11,532	34,130	2,712	(8,521)	(9,273)	(9,463)	(4,370)	(1,793)	(716)	(1,064)	(1,192)	18,932
Monthly PGA Over/(Under) Recovery	(38,010)	(147,271)	(78,982)	17,260	36,481	23,250	(85,254)	136,282	53,866	21,176	31,510	35,335	5,643
Total Monthly PGA/ACA Over/(Under) Recovery	(31,060)	(135,739)	(44,852)	19,972	27,960	13,977	(94,718)	131,912	52,073	20,460	30,446	34,142	24,575
2002-2003 PGA/ACA Yr to Date Over/(Under) Recovery	(31,060)	(166,799)	(211,651)	(191,679)	(163,718)	(149,741)	(244,458)	(112,546)	(60,473)	(40,014)	(9,567)	24,575	
Inception to Date PGA/ACA Over/(Under) Recovery	90,257	(45,482)	(90,334)	(70,362)	(42,402)	(28,424)	(123,142)	8,770	60,843	81,303	111,749	145,892	

Firm Mcfs 727,647

Note: Shaded areas indicate estimates.

Note: Prior months may change from previous spreadsheets due to prior period adjustments entered in appropriate month on this schedule.

Forecasted ACA 11/03 (0.2005)

Enclosure 3

Aquila Inc., d/b/a Aquila Networks - L&P
Estimated Deferred Carrying Cost Balance (DCCB) Calculation
2002-2003 ACA Year

Annual Gas Cost Level													
Gas Cost from Nov 02 ACA calculation	3,089,865												
Gas Cost from Nov 01 ACA calculation	5,649,495												
Gas Cost from Nov 00 ACA calculation	<u>3,963,247</u>												
Average of 3 most recent gas cost calculations	4,234,202												
10%	10%												
10% of average annual gas cost threshold	423,420												
	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Total</u>
Sales Volumes (in Mcf)	16,443	22,614	68,298	102,135	131,466	142,312	141,242	65,226	26,755	10,690	15,881	17,794	760,856
Cost of Gas Purchased and Produced	121,994	260,713	413,285	424,381	530,002	589,882	690,334	261,701	109,383	44,050	65,389	73,237	3,584,351
PGA - Estimated Annualized Unit Cost of Gas	\$5.1076	\$5.0164	\$4.8948	\$4.3241	\$4.3090	\$4.3084	\$4.2840	\$6.1016	\$6.1016	\$6.1016	\$6.1016	\$6.1016	
Actual Annualized Unit Cost of Gas	<u>7.4193</u>	<u>11.5287</u>	<u>6.0512</u>	<u>4.1551</u>	<u>4.0315</u>	<u>4.1450</u>	<u>4.8876</u>	<u>4.0122</u>	<u>4.0883</u>	<u>4.1207</u>	<u>4.1175</u>	<u>4.1158</u>	
Difference	-2.3117	-6.5123	-1.1564	0.1690	0.2775	0.1634	-0.6036	2.0894	2.0133	1.9809	1.9841	1.9858	
Actual Sales Volumes	16,443	22,614	68,298	102,135	131,466	142,312	141,242	65,226	26,755	10,690	15,881	17,794	
DCCB Monthly Over/(Under) Recovery	(38,010)	(147,271)	(78,982)	17,260	36,481	23,250	(85,254)	136,282	53,866	21,176	31,510	35,335	
2002-03 DCCB Yr to Date Over/(Under) Recovery	(38,010)	(185,281)	(264,263)	(247,003)	(210,521)	(187,271)	(272,525)	(136,243)	(82,378)	(61,202)	(29,692)	5,643	
10% of average annual gas cost threshold	423,420	423,420	423,420	423,420	423,420	423,420	423,420	423,420	423,420	423,420	423,420	423,420	
Absolute Value Rcvry Bal that exceeds threshold	-	-	-	-	-	-	-	-	-	-	-	-	
Over/(Und) Rcvry Bal that exceeds 10% threshold	-	-	-	-	-	-	-	-	-	-	-	-	
Interest at Prime Rate - Wall Street Journal - 1%	3.75%	3.75%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	
Carrying Costs Refunded/(Collected)	-	-	-	-	-	-	-	-	-	-	-	-	-
DCCB Percent of Avg Annual Gas Costs	-0.90%	-4.38%	-6.24%	-5.83%	-4.97%	-4.42%	-6.44%	-3.22%	-1.95%	-1.45%	-0.70%	0.13%	

Note: The DCCB will become 0 at the beginning of each new ACA period (Sep).

Note: Shaded Area indicates estimate.

Enclosure 5

Aquila Inc., d/b/a Aquila Networks - L&P 2002-2003 Summer Season Revenue Impact

Original Calculation Filed

Month	PGA Factor	Month	PGA Factor	PGA Change (03/02)	Revenue Impact (Summer Season)
Apr-02	5.5500	Apr-03	6.0766	0.5266	30,654
May-02	5.5500	May-03	6.0766	0.5266	16,924
Jun-02	5.5500	Jun-03	6.0766	0.5266	11,495
Jul-02	5.5500	Jul-03	6.0766	0.5266	8,941
Aug-02	5.5500	Aug-03	6.0766	0.5266	8,622
Sep-02	5.5500	Sep-03	6.0766	0.5266	9,579
Oct-02	5.5500	Oct-03	6.0766	0.5266	13,411

Estimated Summer Season Change in Revenue **99,627**

Percent Change Between PGA Factors **9.49%**

Firm Sales (System Budget)

727,647

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	23.6	19.67%	143,104
Feb	21.7	18.08%	131,583
Mar	15.9	13.25%	96,413
Apr	9.6	8.00%	58,212
May	5.3	4.42%	32,138
Jun	3.6	3.00%	21,829
Jul	2.8	2.33%	16,978
Aug	2.7	2.25%	16,372
Sep	3	2.50%	18,191
Oct	4.2	3.50%	25,468
Nov	9.7	8.08%	58,818
Dec	<u>17.9</u>	<u>14.92%</u>	<u>108,541</u>
TOTAL	120	100%	727,647

Note: Estimated Customer Usage Obtained from Missouri Public Service Commission.