

Exhibit No.: 1129

Issues: Revenue-Weather  
Normalization

Witness: Richard J. Campbell

Sponsoring Party: MO PSC Staff

Type of Exhibit: Rebuttal Testimony

Case No.: ER-2004-0034

Date Testimony Prepared: January 26, 2004 as modified February 27, 2004

MISSOURI PUBLIC SERVICE COMMISSION  
UTILITY OPERATIONS DIVISION

**FILED**<sup>3</sup>

MAY 10 2004

Missouri Public  
Service Commission

REBUTTAL TESTIMONY

OF

RICHARD J. CAMPBELL

AQUILA, INC.

D/B/A AQUILA NETWORKS – MPS

CASE NO. ER-2004-0034

Jefferson City, Missouri  
January 2004

Exhibit No. 1129

Case No(s) ER-2004-0034  
Date 3-1-04 Rptr TW

**BEFORE THE PUBLIC SERVICE COMMISSION**  
**OF THE STATE OF MISSOURI**

In The Matter Of Aquila, Inc. D/B/A Aquila )  
Networks L&P And Aquila Networks MPS )  
To Implement A General Rate Increase In ) Case No. ER-2004-0034  
Electricity )

**AFFIDAVIT OF RICHARD J. CAMPBELL**

STATE OF MISSOURI )  
 ) ss  
COUNTY OF COLE )

Richard J. Campbell, of lawful age, on his oath states: that he has participated in the preparation of the following written testimony, as modified, in question and answer form, consisting of 2 pages of testimony to be presented in the above case, that the answers in the attached written testimony were given by him; that he has knowledge of the matters set forth in such answers; and that such matters are true to the best of his knowledge and belief.

Richard J. Campbell  
Richard J. Campbell

Subscribed and sworn to before me this 27<sup>th</sup> day of February, 2004.

Dawn L. Hake  
Notary Public

My commission expires \_\_\_\_\_  
DAWN L. HAKE  
Notary Public - State of Missouri  
County of Cole  
My Commission Expires Jan 9, 2005

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**REBUTTAL TESTIMONY**  
**OF**  
**RICHARD J. CAMPBELL**  
**AQUILA NETWORKS, INC.**  
**D/B/A AQUILA NETWORKS – MPS**

**CASE NO. ER-2004-0034**

Q. Please state your name.

A. My name is Richard J. Campbell.

Q. Are you the same Richard J. Campbell that previously filed direct testimony in this case?

A. Yes, I am.

Q. What is the purpose of your rebuttal testimony?

A. The purpose of my rebuttal testimony is to introduce revised net system hourly loads for Aquila Networks - MPS.

Q. Did any party raise any issue regarding net system hourly loads during the prehearing conference?

A. No issues were raised regarding the methodology I used or the calculations I performed.

Q. Did the net system hourly loads for the MPS system change? Why?

Rebuttal Testimony of  
Richard J. Campbell

1           A.     Yes, the net system hourly loads for the MPS system changed. The load  
2 changes reflect adjustments to normalized customer usage made by Staff Witness  
3 Amanda McMellen.

4           Q.     Did the changes in load affect any other staff witness?

5           A.     Yes. I supplied the revised hourly loads to Staff witness David Elliott.

6           Q.     Did any party raise any issue regarding the weather normalization or days  
7 adjustments to usage that you presented in your direct testimony during the prehearing  
8 conference?

9           A.     No issues were raised regarding the methodology I used or the  
10 calculations I performed.

11          Q.     Did any party raise any other issue regarding normal weather variables  
12 during the prehearing conference?

13          A.     No issues were raised regarding the methodology I used or the  
14 calculations I performed.

15          Q.     Does this conclude your rebuttal testimony?

16          A.     Yes, it does.

Aquila Networks MPS  
 Net System Load  
 Normalized for 2002  
 ER-2004-0034

Month	Monthly Usage (MWh)				Monthly Peaks (MW)				Load Factor	
	Actual	Normal	Adj	% Adj	Actual	Normal	Adj	% Adj	Actual	Normal
Jan-02	445,500	501,878	56,378	12.65%	836	943	108	12.90%	0.72	0.72
Feb-02	390,630	432,142	41,511	10.63%	833	909	77	9.19%	0.70	0.71
Mar-02	420,539	430,459	9,920	2.36%	795	811	15	1.92%	0.71	0.71
Apr-02	381,017	393,721	12,704	3.33%	784	722	-62	-7.97%	0.67	0.76
May-02	402,515	432,111	29,596	7.35%	1,056	1,067	11	1.06%	0.51	0.54
Jun-02	547,311	542,276	-5,034	-0.92%	1,193	1,201	8	0.69%	0.64	0.63
Jul-02	641,669	635,732	-5,937	-0.93%	1,297	1,339	42	3.24%	0.67	0.64
Aug-02	609,780	612,654	2,874	0.47%	1,309	1,327	18	1.36%	0.63	0.62
Sep-02	504,070	483,320	-20,750	-4.12%	1,238	1,232	-7	-0.53%	0.57	0.55
Oct-02	411,260	422,299	11,039	2.68%	1,031	933	-98	-9.50%	0.54	0.61
Nov-02	408,291	424,437	16,145	3.95%	763	803	40	5.20%	0.74	0.73
Dec-02	456,213	499,887	43,674	9.57%	837	910	73	8.70%	0.73	0.74
Annual	5,618,797	5,810,916	192,119	3.42%	1,309	1,339	30	2.29%	0.49	0.50
Summer	2,302,831	2,273,982	-28,848	-1.25%	1,309	1,339	30	2.29%	0.60	0.58
Other	3,315,966	3,536,933	220,967	6.66%	1,056	1,067	11	1.06%	0.54	0.57

Schedule 1