

Exhibit No.:
Issues: Steam Sales
Witness: David C. Roos
Sponsoring Party: MO PSC Staff
Type of Exhibit: Supplemental Direct
Testimony
Case No.: ER-2007-0004
Date Testimony Prepared: February 27, 2007

MISSOURI PUBLIC SERVICE COMMISSION

UTILITY OPERATIONS DIVISION

SUPPLEMENTAL DIRECT TESTIMON

FILED

OF

**MAY 2 2007
Missouri Public
Service Commission**

DAVID C. ROOS

AQUILA, INC

D/B/A AQUILA NETWORKS-MPS

AND AQUILA NETWORKS-L&P

CASE NO. ER-2007-0004

**Jefferson City, Missouri
January 2007**

**~~SLA~~ Exhibit No. 225
Case No(s). ER-2007-0004
Date 4-12-07 Rptr 45**

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


In the matter of Aquila, Inc. d/b/a Aquila)
Networks-MPS and Aquila Networks-)
L&P, for authority to file tariffs increasing)
electric rates for the service provided to)
customers in the Aquila Networks-MPS)
and Aquila Networks-L&P service areas.)

Case No. ER-2007-0004

AFFIDAVIT OF DAVID C. ROOS

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

David C. Roos, of lawful age, on his oath states: that he has participated in the preparation of the following Supplemental Direct Testimony in question and answer form, consisting of 2 pages of Supplemental Direct Testimony to be presented in the above case, that the answers in the following Supplemental Direct 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.



David C. Roos

Subscribed and sworn to before me this 26th day of February, 2007.



SUSAN L. SUNDERMEYER
My Commission Expires
September 21, 2010
Callaway County
Commission #08842086



Notary Public

My commission expires 9-21-10

1 **SUPPLEMENTAL DIRECT TESTIMONY**

2
3 **OF**

4
5 **DAVID C. ROOS**

6
7 **AQUILA, INC.**

8
9 **D/B/A AQUILA NETWORKS-MPS**

10 **AND AQUILA NETWORKS-L&P**

11 **CASE NO. ER-2007-0004**
12
13

14
15 Q. Please state your name and business address.

16 A. My name is David C. Roos and my business address is Missouri Public
17 Service Commission, P.O. Box 360, Jefferson City, MO 65102.

18 Q. What is your present position with the Missouri Public Service Commission
19 (Commission)?

20 A. I am a Regulatory Economist III in the Economic Analysis Section, Energy
21 Department, Operations Division of the Missouri Public Service Commission.

22 Q. Are you the same David C. Roos who filed direct testimony earlier in this
23 proceeding?

24 A. Yes I am.

25 Q. What is the purpose of your supplemental direct testimony?

26 A. In this filing I update the adjusted monthly sales of steam (measured in
27 MMBtu) for the test-year steam operations of Aquila, Inc, (Aquila) for known and
28 measurable changes through December 31, 2006. My direct testimony describes my role in
29 the development of specific adjustments to Missouri test year steam sales.

Supplemental Direct Testimony of
David C. Roos

1 Q. Does the Missouri Public Service Commission Staff (Staff) have a
2 recommendation for the Commission regarding sales for L&P's steam operations?

3 A. Yes. Staff recommends that the Commission adopt my updates to test year
4 MMBtu sales. My updated, adjusted level of steam sales has been used as an input into the
5 development of hourly steam loads in this case.

6 Q. How are hourly steam loads used in an electric case?

7 A. Steam loads are used in the fuel run to determine Aquila's electric fuel and
8 purchased power expense. Staff witness Shawn E. Lange's Direct testimony describes how
9 monthly steam sales are used to determine the hourly steam loads. Staff witness David W.
10 Elliott's Supplemental Direct testimony describes how the steam loads are used in the fuel
11 run.

12 Q. What changes to steam sales have you accounted for that occurred after you
13 filed direct testimony in this case?

14 A. I have made adjustments to steam sales to reflect known and measurable
15 changes through December 31, 2006. These adjustments increased steam sales by 817
16 MMBtu's above the steam sales presented in my direct testimony. Overall, actual test year
17 steam sales were increased by 378,300 MMBtu's, an increase of about 20.4%

18 Q. Does this conclude your supplemental direct testimony in this case?

19 A. Yes, it does.