Exhibit No.: Issues:

Joint Application of Aquila Networks-MPS and Osage Valley Electric Cooperative

Witness: Sponsoring Party: Type of Exhibit: Case No.: Date Testimony Prepared:

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Alan Bax MO PSC Staff Rebuttal Testimony EO-2004-0603 August 13, 2004

# **MISSOURI PUBLIC SERVICE COMMISSION**

#### UTILITY OPERATIONS DIVISION

# **REBUTTAL TESTIMONY**

SEP 2 0 2004

FILED

OF

Missouri Public Sentrico Commissio

# ALAN BAX

# AQUILA, INC., D/B/A AQUILA NETWORKS-MPS AND OSAGE VALLEY ELECTRIC COOPERATIVE

#### CASE NO. EO-2004-0603

Jefferson City, Missouri August 2004

603 Case 5 Date 9 -Rotr\_

#### **BEFORE THE PUBLIC SERVICE COMMISSION**

#### **OF THE STATE OF MISSOURI**

In the Matter of the Application of Aquila, ) Inc., d/b/a Aquila Networks-MPS, and ) Osage Valley Electric Cooperative for ) Approval of a Written Territorial ) Agreement Designating the Boundaries of ) Exclusive Service Areas Within Cass ) County, Missouri )

Case No. EO-2004-0603

#### AFFIDAVIT OF ALAN BAX

STATE OF MISSOURI ) ) ss COUNTY OF COLE )

Alan Bax, of lawful age, on his oath states: that he has participated in the preparation of the following Rebuttal Testimony in question and answer form, consisting of \_\_\_\_\_ pages of Rebuttal Testimony to be presented in the above case, that the answers in the following Rebuttal 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.

Subscribed and sworn to before me this  $12^{+1}$  day of August, 2004.

DAWN L. HAKE Notary Public – State of Missouri County of Cole Ny Commission Expires Jan 9, 2005

My commission expires

1	REBUTTAL TESTIMONY
2	OF
3	ALAN J. BAX
4	CASE NO. EO-2004-0603
5	Q. Please state your name and business address?
6	A. Alan J. Bax, P.O. Box 360, Jefferson City, Missouri, 65102.
7	Q. By whom are you employed and in what capacity?
8	A. I am employed by the Missouri Public Service Commission (Commission)
9	as a Utility Engineering Specialist III in the Energy Department of the Utility Operations
10	Division.
11	Q. Please describe your educational and work background.
12	A. I graduated from the University of Missouri - Columbia with a Bachelor of
13	Science degree in Electrical Engineering in December 1995. Concurrent with my studies,
14	I was employed as an Engineering Assistant in the Energy Management Department of
15	the University of Missouri – Columbia from the Fall of 1992 through the Fall of 1995.
16	Prior to this, I completed a tour of duty in the United States Navy, completing a course of
17	study at the Navy Nuclear Power School and a Navy Nuclear Propulsion Plant.
18	Following my graduation from the University of Missouri - Columbia, I was employed
19	by The Empire District Electric Company as a Staff Engineer until August 1999, at which
20	time I began my employment with the Staff of the Public Service Commission (Staff).
21	Q. Are you a member of any professional organizations?
22	A. Yes, I am a member of the Institute of Electrical and Electronic Engineers
23	(IEEE).

1 Q. What is the purpose of your testimony? 2 A. The purpose of this testimony is to discuss the proposed territorial 3 agreement filed between Aquila Networks - MPS (Aquila) and Osage Valley Electric 4 Cooperative (Osage), referred to together as the Applicants. The Applicants are asking 5 that three parcels of land, located inside the city limits of Peculiar, Missouri, a city within 6 a portion of Cass County, Missouri, be designated as areas within the exclusive electric 7 service territory of Osage. 8 О. Have Osage and Aquila filed testimony in this proceeding? 9 Α. Yes. Mr. Jon McClure, General Manager of Osage and Mr. Steve Yates, 10 Operations Manager-West District of Aquila have filed Direct Testimony. 11 Why is a territorial agreement necessary? Q. 12 A territorial agreement is necessary because electric cooperatives may not Α. 13 provide new services within a city, town, or village upon its population reaching 1500, 14 except for reasons provided in sections 394.080 and 394.312, RSMo. 2000. Since Osage was not the predominant supplier of retail electric energy in Peculiar at the time the 15 official U.S. Census Bureau "decennial census report" declared the population of Peculiar 16 17 to be in excess of 1500 inhabitants, a territorial agreement is necessary. The City of Peculiar has signed a franchise agreement with Aquila, which stipulates Aquila as 18 owning the rights of providing electric service within the city limits of Peculiar. In 19 20 addition, Mr. McClure noted in his Direct Testimony that Osage does not need to obtain a 21 franchise agreement with Peculiar as Osage has an existing franchise agreement and has been serving customers within Peculiar for years. Nonetheless, in order to allow an 22 23 alternate electric service provider in this situation, approval from the Commission is 24 necessary.

1 Q. Does Osage provide electrical service to any other customers currently 2 within the city limits of Peculiar? 3 Α. Yes. The City of Peculiar has grown in size through annexation, and 4 customers who historically received electric service from Osage maintained this 5 relationship upon being annexed into the city limits. Osage presently provides electric 6 service to approximately 100 customers within the city limits of Peculiar. 7 Q. Are there any electric service providers in this case other than Osage and Aquila? 8 9 No. A. 10 Did Staff conduct a visit to the area in question? Q. 11 Yes. Rick Campbell of the Staff and I made a visit to the area on A. 12 August 9, 2004. 13 Q. Please describe the three parcels of land sought to be designated as within 14 the exclusive service territory of Osage? 15 A. A metes and bounds description of the three parcels is offered in Exhibit A 16 of the Territorial Agreement attached to the joint filing of the Applicants. All properties 17 are within the city limits of Peculiar. I will summarize these descriptions below: Parcel A: Harvest Hill Subdivision - a proposed subdivision located on the 18 South side of 211<sup>th</sup> Street. 19 20 Parcel B: Arnall Property - located on the East side of Old Town Road. 21 Parcel C: Peculiar Industrial Park - Property owned by the City of Peculiar 22 located on the East Outer Road of Hwy 71. 23 Q. Briefly describe the electric facilities near each of these parcels. 24 Α. Parcel A - Harvest Hills Subdivision:

1	Osage has a single-phase line on the North side of 211 <sup>th</sup> Street as well as a
2	line running behind the homes on the South side of 211 <sup>th</sup> Street. A tap off of these
3	facilities will be sufficient to serve the anticipated load in the proposed subdivision.
4	Aquila's nearest facilities to this parcel are greater than a half-mile away. Building a new
5	extension in order to serve this parcel would require such items as new right-of-way
6	acquisitions, and conducting necessary tree trimming in addition to the greater cost of an
7	Aquila line extension as compared to utilizing Osage's facilities.
8	Parcel B – Arnall Property:
9	Osage has an existing three-phase line located directly in front of this
10	property, running along the East side of Old Town Road. Aquila's nearest facilities are
11	approximately 1500 feet away and the necessary extension to serve any load on this
12	property would require crossing Osage's facilities and necessitate tree trimming as well.
13	Parcel C – The Peculiar Industrial Park:
14	Osage has an existing three phase line that runs in front of this property
15	along the outer road on the East side of Highway 71. Aquila's nearest facilities are over a
16	mile away, an extension of which would require crossing Highway 71 and necessarily
17	result in a significantly greater cost to provide electric service to this site compared to
18	service from Osage's facilities.
19	Q. Are all parties in favor of allowing Osage to be the exclusive electric
20	service provider to these defined areas?
21	A. Yes. Not only the Applicants, but also the landowners, including the City
22	of Peculiar, support Osage being the electric service provider.
23	Q. Have the parties considered how to handle any exceptions to this
24	Territorial Agreement, such as a change in electric service providers, other than by

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amendment of the Territorial Agreement, should the Territorial Agreement receive
approval?

3 A. Yes. Article 7 of the Territorial Agreement contains a procedure to 4 handle, by addendum to the Territorial Agreement rather than by amendment, any 5 exceptions, should they arise, on a case-by-case basis. It is significant that Article 7 of 6 this proposed Territorial Agreement states, in part, as follows: "If the Commission Staff 7 or the Office of the Public Council does not submit a pleading objecting to the 8 Addendum within forty-five (45) days of the filing thereof, the Addendum shall be 9 deemed approved by the aforesaid parties". It is very important that this sentence be 10 limited to the Staff and Office of the Public Council. The Commission itself is not named in this sentence and Staff cannot agree to a procedure where approval by the 11 12 Commission is assumed. The Commission should specifically approve the addendum by 13 the issuance of an Order approving the addendum. The burden in the case should not be 14 shifted to the Commission, as Mr. McClure's Direct Testimony seems to indicate should 15 occur.

Q. Does Mr. McClure read Article 7 in the Territorial Agreement differentlythan the Staff?

A. Yes. Mr. McClure states as follows at page 8, lines 13-16 of his Direct Testimony: "The Agreement provides that if neither the Commission, Staff, nor Public Counsel opposes that addendum within forty-five (45) days, it will be deemed effective. If there is opposition, the Commission will determine whether to approve or reject that addendum under its normal proceedings." Again, the Staff takes the position that approval by the Commission must not be assumed and the burden in the case must not be

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shifted to the Commission. Therefore, Osage's and Aquila's Joint Application should be
denied by the Commission, given Mr. McClure's Direct Testimony.

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Q. What is your recommendation in this case?

4 Α. I recommend that the Commission not approve this Territorial Agreement 5 based upon Mr. McClure's Direct Testimony. As required by section 394.312.4 6 RSMo 2000, this Territorial Agreement must be not detrimental to the public interest. 7 (The Staff would note that 4 CSR 240-3.130(1)(c) states that an application for 8 Commission approval of a territorial agreement should include an explanation as to why 9 the territorial agreement is in the public interest.) Given proper application, this 10 Territorial Agreement would prevent the otherwise necessary duplication of facilities in 11 this area. In addition, this Territorial Agreement would limit tree-trimming that 12 otherwise would be necessary if Aquila were to extend its facilities to serve the 13 anticipated new load in the three parcels of land covered by the Territorial Agreement. 14 The cost of the extensions would be unnecessarily burdensome to the customers absent 15 this agreement to allow Osage to be the exclusive electric service provider to these three 16 specific areas.

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Q. Will Osage's nearby facilities be adequate to serve the additional load?

- 18 A. Yes.
- 19

Q. Does this conclude your prepared Rebuttal Testimony?

20 A. Yes, it does.