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Service Commission

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Issues: Aries Purchased
Power Agreement

Witness: Michael S. Proctor

Sponsoring Party: MO PSC Staff

Type of Exhibit: Surrebuttal Testimony

Case Nos.: ER-2004-0034

& HR-2004-0024

Date Testimony Prepared: February 13, 2004

MISSOURI PUBLIC SERVICE COMMISSION

UTILITY OPERATIONS DIVISION

SURREBUTTAL TESTIMONY

OF

MICHAEL S. PROCTOR

**AQUILA, INC. D/B/A AQUILA NETWORKS--MPS
AND AQUILA NETWORKS--L&P**

**CASE NOS. ER-2004-0034
& HR-2004-0024**

Jefferson City, Missouri
February 2004

Exhibit No. 135
Case No(s) ER-2004-0034
Date 2/23/04 Rptr xs

**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 Electricity)
)
) Case No. ER-2004-0034 &
) HR-2004-0024 (Consolidated)
)

AFFIDAVIT OF MICHAEL S. PROCTOR

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

Michael S. Proctor, of lawful age, on his oath states: that he has participated in the preparation of the following written testimony in question and answer form, consisting of 13 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.

Michael S. Proctor

 Michael S. Proctor

Subscribed and sworn to before me this 13th 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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1 **SURREBUTTAL TESTIMONY**

2 **OF**

3 **MICHAEL S. PROCTOR**

4 **AQUILA, INC.**

5 **D/B/A AQUILA NETWORKS-MPS AND**

6 **AQUILA NETWORKS-L&P**

7 **CASE NOS. ER-2004-0034 AND HR-2004-0024**

8 **(CONSOLIDATED)**

9 **Q. What is your name and business address?**

10 A. My name is Michael S. Proctor. My business address is 1845 Borman
11 Court, Suite 101, St. Louis, MO 63146-4138.

12 **Q. By whom are you employed and in what capacity?**

13 A. I am employed by the Missouri Public Service Commission (Commission)
14 as Chief Regulatory Economist in the Energy Department.

15 **Q. What is your education background and work experience?**

16 A. I have Bachelor and Master of Arts Degrees in Economics from the
17 University of Missouri at Columbia, and a Ph.D. degree in Economics from Texas A&M
18 University. Prior to coming to work for the Commission, I was an Assistant Professor of
19 Economics at Purdue University and at the University of Missouri at Columbia. Since
20 June 1, 1977, I have been on the Staff of the Commission and have presented testimony
21 on various issues related to weather normalized energy usage and rate design for both
22 electric and natural gas utilities. With respect to electric issues, I have worked in the
23 areas of load forecasting, resource planning and transmission pricing. In 1997 and 1998,

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1 I served as the Staff Vice Chair of the Market Structure and Market Power Working
2 Group of the Commission's Task Force on Retail Competition. From December of 2000
3 to August of 2001, I served as chairman of the Forward Congestion Markets Subgroup of
4 the Southwest Power Pool's (SPP's) Congestion Management Systems Working Group.
5 I am also serving as the chairman of the Organization of Midwest ISO States (OMS)
6 working group on congestion management and financial transmission rights allocations.

7 **Q. What are your current duties in the Energy Department as Chief**
8 **Regulatory Economist?**

9 A. I have the responsibility of being actively involved with the development
10 and structure of Regional Transmission Organizations (RTOs) for the purpose of
11 increasing efficiency and reliability in the competitive supply of electricity at wholesale.
12 From time-to-time, the Commission Staff (Staff) will request that I testify before the
13 Commission respecting issues on which I may have specific knowledge. This surrebuttal
14 testimony is an instance of where I have specific knowledge regarding the electric
15 resource planning process and the power supply agreement/purchased power agreement
16 (PSA/PPA) entered into between what is now called Aquila Networks-MPS (MPS or
17 Company) and an affiliate. At the time the PSA/PPA was entered into, the affiliate,
18 Missouri Energy Partners-Pleasant Hill, LLC (MEPPH), was offering capacity and
19 energy from a combined cycle generation facility, now know as the Aries Plant.

20 **PURPOSE AND SUMMARY OF SURREBUTTAL TESTIMONY**

21 **Q. What is the purpose of your surrebuttal testimony?**

22 A. My surrebuttal testimony addresses issues raised in the rebuttal testimony
23 of Mr. Jon R. Empson and Mr. Frank A. DeBacker regarding the Company's reasons for
24 entering into a PSA with an affiliate.

1 **Q. What is the summary of your surrebuttal testimony?**

2 A. First, contrary to assertions made by Mr. Empson in his rebuttal testimony,
3 my surrebuttal is that, entering a PSA/PPA with an affiliate does not diminish the risk of
4 stranded cost for the Company. Second, contrary to assertions made by Mr. DeBacker in
5 his rebuttal testimony, in the Commission's Order in Case No. EO-98-316, the
6 Commission did not order the Company to use short-term capacity markets to acquire
7 new supply-side resources through a competitive bidding process, and that such an
8 interpretation of the Commission's Order is contrary to the Commission's policy of not
9 pre-approving resources acquired by a regulated utility, and further is inconsistent with
10 the Staff's recommendation and the Commission's order granting certain determinations
11 regarding the PSA/PPA made in accordance with section 32(k) of the Public Utility
12 Holding Company Act of 1935 as amended by the Energy Policy Act of 1992 [PUHCA].

13 **SURREBUTTAL OF MR. JON R. EMPSON**

14 **Q. What rebuttal testimony of Aquila witness Mr. Jon R. Empson are**
15 **you responding to?**

16 A. At pages 2-5 of his rebuttal testimony, Mr. Empson rebuts Staff witnesses
17 Cary G. Featherstone and Mark L. Oligschlaeger on the Staff's position regarding the
18 Aries Plant. This rebuttal testimony characterizes the Staff's position as follows: "MPS,
19 one of Aquila's Missouri utility operating divisions, should have built the Aries Plant
20 rather than entering into the competitively bid, low cost Purchased Power Agreement
21 ('PPA') with Aquila's affiliate

22 Mr. Empson cites four quotes from a report filed by the Staff on June 12, 1998
23 entitled, "Electric Restructuring Plan for the Competitive Supply of Generation in
24 Missouri," as evidence supporting the Company's decision to enter into a PSA/PPA

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1 rather than to build a power plant. My rebuttal testimony is intended to put the Staff
2 report in proper context, and show why this report does not support the Company's
3 decision to build the Aries Plant as non-regulated, Exempt Wholesale Generator (EWG)
4 rather than as a regulated generation asset.

5 **Q. What was the purpose of the Staff report entitled, "Electric**
6 **Restructuring Plan for the Competitive Supply of Generation in Missouri?"**

7 A. At the time, the Staff believed there was the possibility of legislation being
8 passed in Missouri that would give open access to retail electricity customers of
9 regulated, investor-owned utilities. The purpose of the report was to inform the
10 Commission of the Staff's perspectives on several issues related to this potential
11 deregulation of retail electricity supply in Missouri. In essence, the report was not a
12 recommendation to implement retail competition, rather a proactive set of
13 recommendations on how best to respond to this possibility. Thus, any recommendations
14 in this report were contingent on the decision of the state legislature to implement retail
15 competition.

16 **Q. As indicated by Mr. Empson, was stranded cost a major concern?**

17 A. Recovery of stranded cost was one of the major concerns for the utilities.
18 The Commission set up several working groups to address various issues, and
19 specifically set up a working group to address stranded cost.

20 **Q. Mr. Empson testifies that, because of concerns about stranded cost, he**
21 **advised the Company to be concerned about commitments to build new generation.**
22 **What is your response to Mr. Empson's rebuttal testimony on this matter?**

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1 A. I have a difficult time following the logic of Mr. Empson's rebuttal
2 testimony. Moreover, the issue of stranded cost is one related to cost recovery from a
3 regulated generation asset versus profitability from a non-regulated generation asset. If
4 deregulation of generation supply to retail customers were to occur, then the generation
5 assets formally serving retail customers under regulated rates would have to bid to serve
6 customers under non-regulated (market-based) prices. Assuming market-based prices are
7 lower than regulated rates, the utilities would earn less on their generation assets under
8 deregulation. On this concept, I believe Mr. Empson and I are in agreement.

9 However, if the Company builds generation as an EWG under PUHCA, then it
10 faces all the market risks of recovery as a non-regulated generation asset. Thus, the
11 decision to build a new generation asset within the Company, but as an EWG, does not
12 change the Company's risk profile with respect to recovery of its costs.

13 **Q. Do you agree that Staff, because of stranded cost, recommended in its**
14 **report suggesting courses of action in the event of deregulation of generation supply**
15 **to retail customers that utilities should enter into contracts for power rather than**
16 **build generation plants?**

17 A. No, I do not agree. The Staff stated in its report that "In addition to
18 replacing existing generation capacity, all of the investor-owned utilities will need to add
19 additional capacity to meet their growth in native load (wholesale under contract and
20 retail). It is **anticipated** that much of this new generation capacity will be acquired
21 through short-term purchased power contracts rather than from the addition of new
22 generation capacity." [Electric Restructuring Plan for the Competitive Supply of
23 Generation in Missouri, p. 29, and emphasis added] This anticipation was not a

1 recommendation by the Staff. In addition, this anticipation was based on the assumption
2 that a Company would shift its risk of stranded cost by purchasing power from another
3 supplier, rather than taking on that risk itself by having the generation built by an
4 affiliate. Moreover, if the owner of the generator selling capacity and energy is an
5 affiliate of the utility, then there is no resulting shift in risk for the Company.

6 **Q. Why is there no shift in stranded cost risk of a new generation plant if**
7 **it is built by a non-regulated affiliate of the utility?**

8 A. First, stranded cost risk is a shareholder risk, and moving the risk from the
9 utility company to an affiliate company, both of which are ultimately owned by the same
10 shareholders is in essence, no shift in risk at all. Second, where deregulation of retail
11 electricity supply has occurred, it is common for the generation assets of the utility to be
12 placed into a non-regulated subsidiary company, leaving the utility as the distribution
13 company. Thus, if deregulation were to occur, the distinction between regulatory
14 generation assets and non-regulated assets would no longer exist. Thus, having
15 generation built in a subsidiary does not mitigate stranded cost risk.

16 **Q. Doesn't entering into a contract for power supply shift the risk of**
17 **stranded costs to the ratepayer?**

18 A. No, it does not. The contract for power supply is not with the ratepayer; it
19 is between the supplier and the utility. If deregulation occurs, the only insurance the
20 utility has against stranded cost is the possibility that the contract price is close to current
21 market prices, in which case there will be little or no stranded cost. On the other hand, if
22 the utility builds the plant itself, or has it built by an affiliate, it may incur stranded cost to

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1 the extent that the cost of the plant is greater than what can be recovered from selling the
2 electricity at market prices.

3 **Q. Didn't actions by the Company that brought Calpine in as a partner**
4 **in the Aries plant result in mitigation of Aquila's stranded cost risk for the Aries**
5 **plant?**

6 A. Yes, bringing in a partner should help to mitigate a portion of the stranded
7 cost risk. However, the decision to bring Calpine in as a partner was made after the
8 decision to which Mr. Empson's rebuttal testimony is referring; i.e., the decision to enter
9 into a PSA/PPA with a non-regulated subsidiary of MPS rather than having MPS build
10 the generation as a regulated asset.

11 **SURREBUTTAL OF MR. FRANK A. DEBACKER**

12 **Q. What rebuttal testimony of Aquila witness Mr. Frank A. DeBacker**
13 **are you responding to?**

14 A. Mr. DeBacker submitted thirty-four pages of rebuttal testimony that
15 addresses the process that MPS went through before and when it entered into the
16 PSA/PPA with its affiliate, MEPPH on February 22, 1999. Mr. DeBacker's rebuttal
17 testimony goes back to March 29, 1993 when the Missouri Public Service Commission
18 issued rules for Electric Utility Resource Planning at 4 CSR 240-22. His rebuttal
19 testimony then skips forward to early in 1998 when the Commission opened
20 Case No. EO-98-316 regarding agreements between the Staff and Aquila (at that time,
21 UtiliCorp) regarding allowing the utilities an alternative to making filings required by
22 Commission Rule 4CSR 240-22. In essence, the alternative was for the Company to
23 meet with the Staff, OPC and intervenors two times per year on resource planning and to
24 provide briefings on changes in load forecasts, implementation plans and the Company's

1 analyses of various risks regarding its resource plans, including contingency plans related
2 to those risks.

3 **Q. Do you agree with Mr. DeBacker's characterization of what he calls**
4 **the "main elements of the supply-side acquisition process" that Aquila was ordered**
5 **to follow by the Commission in Case No. EO-98-316?**

6 **A. No, I do not agree with a portion of Mr. DeBacker's characterization of**
7 **what the Commission ordered in Case No. EO-98-316. Specifically Mr. DeBacker**
8 **mischaracterizes the Commission's Order to require MPS to "use short-term capacity**
9 **markets to acquire new supply-side resources through a competitive bidding process."**
10 **Instead, the Commission ordered MPS to comply with the terms of the Joint Agreement**
11 **submitted by MPS, Staff and the Office of Public Counsel in Case No. EO-98-316. The**
12 **terms of the Joint Agreement are clear at pages 13 and 14 where the specifics of**
13 **immediate question regarding supply-side resource requirements were addressed. The**
14 **Joint Agreement lists five specific elements numbered (3) through (7) in the Joint**
15 **Agreement in bold.**

16 **(3) In its August 1998, briefing, MPS will provide Staff, OPC and intervenors**
17 **with a summary report of a reoptimized supply side only plan. The report**
18 **will include a presentation on the derivation of avoided costs that will be**
19 **used in screening demand-side measures.**

20
21 **(4) In its August 1998 briefing MPS will provide to Staff, OPC and intervenors**
22 **an update on the renegotiation of the leases for the combustion turbine**
23 **generating units, including an evaluation of possible options, such as: renew**
24 **lease on a short term basis, renew lease on a long term basis, purchase the**
25 **units, negotiate a capacity only contract, joint ownership, or cancel the lease**
26 **and replace the capacity with new units or capacity contracts. This**
27 **evaluation should include the possibility of retail competition.**

28
29 **(5) In its February 1999 briefing MPS will provide to Staff, OPC and**
30 **intervenors a summary report that evaluates the overall cost effectiveness of**
31 **maintaining versus refurbishing versus retiring of existing generating units,**

1 **taking into account the uncertainties associated with the following areas –**
2 **component failure, cost of replacement power, availability for replacement**
3 **power, peak load growth, environmental regulations, fuel costs, and retail**
4 **competition.**

5
6 **(6) At the time MPS begins to implement a competitive bidding process to**
7 **solicit capacity for its forecasted needs, MPS will provide to Staff and OPC**
8 **copies of the competitive bidding RFPs at least 45 days prior to send out**
9 **each FTRP. Staff and OPC will review said RFP and provide comments to**
10 **MPS within 30 days of receiving the RFP.**

11
12 **(7) Thirty (30) days before awarding contracts to successful bidders, MPS will**
13 **provide to Staff and OPC its evaluation of the proposals received in**
14 **response to its RFP for its forecasted capacity needs. This evaluation will**
15 **include the elements of risk analysis and plan selection as described in 4CSR**
16 **240-22.070.**

17
18 Nowhere within any of these conditions is a requirement that “MPS should use
19 short-term capacity markets to acquire new supply-side resources through a competitive
20 bidding process.” Moreover, all of these requirements related directly to informational
21 requirements that MPS should satisfy as an alternative to meeting the requirements of the
22 Commission’s rules on Electric Utility Resource Planning (4 CSR 240-22).

23 At the time the Joint Agreement was entered into, the Company had made the
24 Staff aware of its intention to issue a specific RFP for purchased capacity and energy.
25 The last two items (6 and 7) address conditions that the Company was to fulfill if it were
26 to pursue that course of action. Nowhere does the Joint Agreement require the Company
27 to pursue short-term contracts for purchased capacity and energy. To do so would be
28 totally inconsistent with the heart of the Electric Utility Resource Planning rules, which
29 emphasize the planning process and includes no requirement for Commission pre-
30 approval of specific resources. The Staff would never have signed a Joint Agreement in
31 which MPS, or any utility, was told to pick one type of resource over another.

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1 Mr. DeBacker's characterization of the Joint Agreement on this issue is totally incorrect,
2 as well as being inconsistent with the entire Electric Utility Resource Planning process.

3 **Q. At page 31, Mr. DeBacker characterizes your memorandum**
4 **supporting the approval MPS application for the Commission to approve the PSA**
5 **with its Affiliate under Section 32(k) of PUHCA. Do you agree with Mr. DeBacker's**
6 **characterization of your recommendation?**

7 A. Mr. DeBacker's characterization of my recommendation is factually
8 correct, but incomplete, leaving out a very important aspect of that recommendation – the
9 focus of the recommendation on the process followed, not the outcome of the competitive
10 bidding process. Moreover, the Staff was not recommending pre-approval of the
11 PSA/PPA for ratemaking purposes, but could assure that the public interest would be
12 protected because the ratemaking review would occur before the costs of the PSA were
13 recovered in rates from MPS customers.

14 **Q. Why did the Staff focus on the process followed by MPS in soliciting**
15 **and evaluating the competitive bids rather than on the outcome?**

16 A. At that time the Commission had six years prior issued rules for Electric
17 Utility Resource Planning (4 CSR 240-22) in which the question of pre-approval versus
18 review of the resource planning process had been at issue. The Electric Utility Resource
19 Planning rules adopted by the Commission did not envision pre-approval, rather the
20 purpose was to set and review minimum standards for the Electric Utility Resource
21 Planning process. In essence, the commitment of Staff resources for pre-approval is
22 significantly greater than those that would be required to review the planning processes

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1 being used by the electric utilities. Thus, the Staff's usual procedure for the review of
2 resource acquisition by an electric utility was to focus on the process, not the outcome.

3 In addition, in its application for Commission approval under Section 32(k) of
4 PUHCA, the Company recognized the fact that the Staff would not be making
5 recommendations with respect to ratemaking. Specifically, at page 6 of the MPS
6 application, it states:

7 15. UtiliCorp understands that an order containing the findings
8 required by the PUHCA with respect to the PSA shall in **no way** be
9 binding on the Commission or any party to a future rate case to contest the
10 ratemaking treatment to be afforded the PSA. [Aquila's Application in
11 Case No. EM-99-369, Emphasis Added]
12

13 **Q. What future review for purposes of ratemaking did you anticipate at**
14 **the time you submitted your recommendation.**

15 A. The following portion of the recommendation indicates that as a part of a
16 future review, a detailed analysis of the two proposals and other alternatives would be
17 required.

18 It is important to note that the Staff has not evaluated the two
19 proposals to determine which is least cost or whether accepting either of
20 the two proposals would be a prudent management decision. Moreover,
21 this Commission does not pre-approve the acquisitions of resources by
22 electric utilities. Instead, in its 1993 rulemaking on electric resource
23 acquisitions (4 CSR 240-Chapter 22), this Commission enacted rules that
24 focused on the process, not the outcome. [Memorandum by Michael S.
25 Proctor, April 5, 1999, Case No. EM-99-369, p.8]

26 The first sentence in the above quote from my memorandum makes it very clear that the
27 Staff did not make a determination that the MEPPH capacity and energy was the most
28 cost effective supply option for MPS to meet its capacity and energy obligation, whether
29 compared to a second alternative being evaluated by MPS or compared to other possible
30 alternatives. Moreover, the review that I made of the PSA did not include the detailed

1 analysis that would be required for purposes of ratemaking. This was also made explicit
2 in my memorandum.

3 At this time, the Staff has not performed a detailed analysis of which
4 of the two alternatives is least cost. Such an analysis should be done prior
5 to the Commission approving the cost of the PSA in rates for Missouri
6 Public Service customers. Subject to this condition, it is not necessary that
7 this analysis be conducted at this time in order to determine whether or not
8 the PSA is in the public interest. Moreover, to make such a determination
9 at this time would put the Commission in the position of pre-approval of
10 the prudence of MPS entering into the PSA, which is an approach that the
11 Commission uniformly has rejected over many years. UtiliCorp in its
12 Application recognizes and accepts the Commission's historical approach,
13 wherein at paragraph 15, UtiliCorp states as follows:

14 15. UtiliCorp understands that an order containing the findings
15 required by the PUHCA with respect to the PSA shall in no way be
16 binding on the Commission or any party to a future rate case to contest the
17 ratemaking treatment to be afforded the PSA. [Memorandum by Michael
18 S. Proctor, April 5, 1999, Case No. EM-99-369, p.9]

19
20 **Q. In this case, has the Staff reviewed the prudence of the purchased**
21 **power agreement that MPS and MEPPH entered into?**

22 A. It is my understanding the Staff witnesses Mark L. Oligschlaeger and
23 Cary G. Featherstone have made such a review and recommendations concerning the
24 prudence of this contract.

25 **Q. Does this conclude your surrebuttal testimony?**

26 A. Yes, it does.