Exhibit No.:

Issues: Plant in Service, Depreciation

> Expense, Depreciation Reserve, AAO Balances, Advertising Expense, Dues and Donations, Injuries and Damages Insurance, Property Taxes, PSC

Assessment and Rate Case Expense

Witness: Trisha D. Miller, CPA

Sponsoring Party: MoPSC Staff Type of Exhibit: Direct Testimony

ER-2004-0034 and HR-2004-0024

(Consolidated)

Date Testimony Prepared:

Case No.:

December 9, 2003

MISSOURI PUBLIC SERVICE COMMISSION

UTILITY SERVICES DIVISION

DIRECT TESTIMONY

OF

APR 2 8 2004

TRISHA D. MILLER, CPA

AQUILA, INC. d/b/a AQUILA NETWORKS MPS-ELECTRIC **AQUILA NETWORKS L&P**

CASE NO. ER-2004-0034 AND HR-2004-0024

Exhibit No Case No(s). ER-20

Jefferson City, Missouri Date 2 23 December 2003

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. In the matter of Aquila, Inc. d/b/a Aquila networks L&P to implement a general rate increase in Steam Rates.) Case No. ER-2004-0034)))) Case No. HR-2004-0024)
AFFIDAVIT OF TRISH	IA D. MILLER
STATE OF MISSOURI)) ss. COUNTY OF COLE)	
Trisha D. Miller, of lawful age, on her oath states of the following Direct Testimony in question and an presented in the above case; that the answers in the her; that she has knowledge of the matters set forth true and correct to the best of her knowledge and beli	swer form, consisting of pages to be following Direct Testimony were given by in such answers; and that such matters are
Trisha D	sha D. Miller Miller
Subscribed and sworn to before me this day of	December 2003
Notary P	Public

TONI M. CHARLTON NOTARY PUBLIC STATE OF MISSOURI COUNTY OF COLE My Commission Expires December 28, 2004

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1	DIRECT TESTOMONY
2	OF
3	TRISHA D. MILLER, CPA
4	AQUILA, INC. d/b/a AQUILA NETWORKS-MPS
5	AND AQUILA NETWORKS – L&P – ELECTRIC AND STEAM
6	CASE NOS. ER-2004-0034 AND HR-2004-0024
7	(Consolidated)
8	Q. Please state your name and business address.
9	A. Trisha D. Miller, P.O. Box 360, Jefferson City, MO 65102.
10	Q. By whom are you employed and in what capacity?
11	A. I am a Regulatory Auditor for the Missouri Public Service Commission
12	(Commission or PSC).
13	Q. Please describe your educational background and experience.
14	A. I graduated from the University of Mississippi. I received a B.A. in
15	Accountancy (May 2001) and a Masters of Taxation (May 2002). In September of 2002, I
16	commenced employment with the Commission Staff (Staff) in my current position of Utility
17	Regulatory Auditor. I passed the Uniform Certified Public Accountant Examination in May
18	of 2003 and subsequently obtained my Certified Public Accountant's license from the state of
19	Missouri in September of 2003.
20	Q. What has been the nature of your duties while employed by the Commission?
21	A. I am responsible for assisting in the audits and examinations of the books and
22	records of utility companies operating within the state of Missouri.

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- Have you worked on any other cases since your employment with the Q. Commission?
 - Yes. I was assigned to a small informal water case. A.
- What knowledge, skills, experience, training or education do you have in these Q. areas of which you are testifying as an expert witness?
- I have extensively reviewed other utility rate cases related to the issues I am A. sponsoring to ensure the consistency of the Staff's method and procedures. My prior academic education has also prepared me to successfully sponsor the ratemaking areas I have been assigned in this case. I have received certificates of training from the National Association of Regulatory Utility Commissions in seminars it has sponsored concerning electric utility cost of service and regulation. Further, I have attended numerous in-house training seminars at the Commission specifically designed for continuing education and training in the areas of regulatory issues. I have also worked closely with Senior Staff members familiar with my areas of responsibility.
 - What is the purpose of your testimony in this proceeding? 0.
- The purpose of my testimony is to describe certain accounting adjustments Α. made to the Aquila Networks - MPS ("MPS") electric operations and Aquila Networks -L&P ("L&P") electric and steam operations cost of service filings.
- Please identify the accounting schedules and any adjustments that you are Q. sponsoring.
 - I am sponsoring the following Income Statement adjustments: A.

Advertising Expense: MPS-S-9.4, S-21.4, S-33.4, S-48.4, S-67.4, S-73.4, S-77.4, S-88.5; L&P-Electric S-9.4, S-22.4, S-31.4, S-47.4, S-66.4, S-72.4, S-76.4, S-87.5; L&P-Steam S-13.2, S-19.2, S-23.2 and S-36.3.

Accounting Authority Order Amortizations: MPS-92.1.

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and steam cases filed by Aquila, Inc. (Aquila or Company) on July 3, 2003, designated as

Case Nos. ER-2004-0034 and HR-2004-0024. My testimony will address the areas I

identified previously for both cases and related specifically to the electric operations of Aquila Networks d/b/a Missouri Public Service and electric and steam operations of Aquila Networks d/b/a Light & Power (the former St. Joseph Light & Power Company). L&P was acquired and merged with Aquila in December 2000.

ACCOUNTING SCHEDULES

- Q. Are there separate Accounting Schedules for both the MPS and L&P divisions of Aquila?
- A. Yes. There is a separate Revenue Requirement runs for MPS and L&P divisions. There is also a separate Revenue Requirement run for the L&P steam system. The Accounting Schedules numbers and formats will be the same for each revenue requirement run.
 - Q. Please describe Accounting Schedule 2, Rate Base.
- A. This Accounting Schedule takes the adjusted jurisdictional plant in service balance from Accounting Schedule 3, Total Plant in Service, and deducts adjusted jurisdictional depreciation reserve from Accounting Schedule 6, Depreciation Reserve, to compute the net plant in service. Added to net plant in service on this Accounting Schedule are Missouri jurisdictional amounts for cash working capital, materials and supplies, prepayments and fuel stock. Rate base deductions include cash working capital amounts for the federal tax offset, state tax offset and interest expense offset. Rate base deductions also include customer advances, customer deposits, injuries and damages reserve, amortization of electric plant and reserve for deferred income taxes. The mathematical total of these items is the Rate Base amount that is incorporated in the Gross Revenue Requirement recommendation shown on Accounting Schedule 1, Revenue Requirement.

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Please describe the items that are added to net plant in service in determining Q. rate base.

- The Staff's calculation of materials, supplies and prepayments is discussed in A. the direct testimony of Staff Auditing witness Lesley R. Preston. The Staff's calculation of the level of fuel stock inventory is discussed in the direct testimony of Staff Auditing witness Graham A. Vesely. Cash working capital is discussed in the direct testimony of Staff witness Preston.
- Please describe the items that are deducted from net plant in service in Q. determining rate base.
- The Staff's calculation of customer advances and customer deposits are A. discussed in the direct testimony of Staff witness Preston. Staff's calculations of the reserve for deferred income taxes and the unamortized investment tax credit are discussed in the direct testimony of Staff Auditing witness Steve M. Traxler. The federal, state and city tax offsets and the interest expense offset are discussed in the direct testimony of Staff witness Preston.
- Are there any additional items that you are sponsoring on Accounting Q. Schedule 2, Rate Base?
- Yes, I am sponsoring the amount for Amortization of Electric Plant and Α. reserve.
 - Please explain this component of rate base. Q.
- Amortization of Electric Plant is the Missouri jurisdictional balance of the Α. accumulated amortization reserve as of September 30, 2003. Use of the balance for this item

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as of this date is consistent with the adjusted jurisdictional balance of net plant in service as of September 30, 2003, the end of the test year update period.

- Q. Please explain Accounting Schedule 3.
- A. Accounting Schedule 3, Total Plant in Service, lists in Column B total plant balances as of September 30, 2003. The plant adjustments are listed in Column C. Column D lists the Missouri jurisdictional plant allocation factors. Column F contains the Missouri adjusted jurisdictional plant in service balances.
 - Q. Please explain Accounting Schedule 4.
- A. Accounting Schedule 4, Adjustments to Total Plant, details the Staff's individual adjustments to total the plant in service, which are listed in Column C of Accounting Schedule 3.
 - Q. Please explain Accounting Schedule 5.
- A. Accounting Schedule 5, Depreciation Expense, lists in Column B the Missouri adjusted jurisdictional plant in service balances from Accounting Schedule 3, Column F. Column C contains the depreciation rates proposed by Staff witness Rosella L. Schad of the Engineering and Management Services Department. The rates in Column C are then applied to the plant balances in Column B to determine the annualized level of depreciation expense that appears in Column D.
 - Q. Please explain Accounting Schedule 6.
- A. Accounting Schedule 6, Depreciation Reserve, lists in Column B total depreciation reserve balances as of September 30, 2003. Column D lists the Missouri jurisdictional depreciation reserve allocation factors. Column E lists the Staff's Missouri

jurisdictional depreciation reserve adjustments and Column F contains the Missouri adjusted jurisdictional depreciation reserve balances.

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Q. Please explain Accounting Schedule 7.

2002, and updated through September 30, 2003.

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A. Accounting Schedule 7, Adjustments to Depreciation Reserve, details the Staff's individual adjustments to total depreciation reserve, which are listed in Column C of Accounting Schedule 6.

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Q. Please describe Accounting Schedule 9, Income Statement.

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A. Accounting Schedule 9, Income Statement, contains the Staff's adjusted Missouri electric jurisdictional revenues and expenses for the test year ended December 31,

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Schedule 10.

in Accounting Schedules 3 and 6.

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Q. Please explain Accounting Schedule 10, Adjustments to Income Statement.

Accounting Schedule 10, Adjustments to Income Statement, contains a listing

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of the specific adjustments the Staff has proposed to the unadjusted test year income

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statement to derive the Staff's adjusted net income. A brief explanation for each adjustment

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and the name of the Staff witness sponsoring the adjustment are listed on Accounting

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PLANT IN SERVICE, DEPRECIATION EXPENSE & DEPRECIATION RESERVE

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Q. Please describe the plant in service and depreciation reserve balances included

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A. The plant in service and depreciation reserve balances shown in Schedules 3

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and 6, respectively, are the September 30, 2003, balances that the MPS electric and L&P

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electric and steam operations divisions supplied through a supplemental response to Staff

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Data Request Nos. MPS—40.1 and 41.1, L&P—42.1 and 43.1.

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Q. above AAOs?

Did the Staff include expense amortizations of the deferrals for each of the

AAO deferrals are the MPS Sibley rebuild project, ER-90-101, the MPS Sibley western coal

conversion, Case No. ER-93-37 and the L&P AM/FM System, Case No. EO-91-247.

A. Yes. The Staff adopted the test year amortization for the Sibley rebuild and the Sibley Western Coal Conversion deferrals. The Staff adjusted the test year amortization for the MPS ice storm deferral.

- Q. Are there any other AAO deferrals included in this case by the Staff?
- A. Yes. In 2002, Aquila-MPS electric operations incurred damage to the distribution and transmission system due to a winter ice storm. The Commission authorized deferral of MPS's costs to repair and restore its electric system from ice storm damage in Case No. EU-2002-1053.
- Q. Has the Staff included in this case all the deferred costs associated with the ice storm AAO?
- A. Yes. This is subject to change, because Aquila has been unable to provide the necessary documentation justifying the deferred costs.
- Q. Please describe the necessary documentation needed to justify deferred ice storm costs for recovery in rates.
- A. The necessary documentation is defined in the Commission's Report And Order in Case No. EU-2002-1053. The Report And Order states on page 5, Item 1)D.:

Aquila shall maintain adequate records supporting the incremental expenses deferred. Such records shall include, but not be limited to, detailing of outside contractors, food and lodging costs, labor and material costs, procedures and verification for expense versus capitalization determinations and determination of incremental levels of such costs versus normal on-going levels of costs. Such records shall be available for Public Counsel, Staff, and other intervenors to review.

- Q. Did the Staff request the necessary information and documentation from the Company?
- A. The Staff requested the necessary information and documentation, as described in the above Report And Order excerpt, in Data Request Nos. 336.2 and 543. The responses

to Data Request Nos. 336.2 and 543 did not include the historical analysis necessary to determine MPS's normal ongoing levels for the costs included in the deferral. After obtaining these data request responses, the Staff requested historical and ongoing costs for certain expenses deemed to be incremental as result of the winter ice storm. The Staff requested this information in Data Request Nos. 544 and 564 and is currently awaiting responses from the Company.

- Q. Please describe the Staff's reasoning for issuing Data Request Nos. 544 and 564.
- A. The Staff issued these data requests because the Company to date has failed to determine its normal operating costs by analyzing costs incurred in prior years. It is not possible to determine the incremental cost of the ice storm without a proper determination of normal costs. For example, the Company considered *all* overtime incurred due to the ice storm to be incremental and subject to deferral under the AAO. The Company failed to determine the normal level of overtime by direct employees of MPS for prior periods in order to exclude overtime cost under normal circumstances and determine the additional incremental cost of ice storm related overtime.

ADVERTISING EXPENSE

- Q. Please explain adjustments MPS—S-9.4, S-21.4, S-33.4, S-48.4, S-67.4, S-73.4, S-77.4, S-88.5, L & P—Electric S-9.4, S-22.4, S-31.4, S-47.4, S-66.4, S-72.4, S-76.4, S-87.5, L & P—Steam S-13.2, S-19.2, S-23.2 and S-36.3.
- A. These adjustments restate the test year advertising levels to reflect allowable expense.
 - Q. Please explain the history of such adjustments before the Commission.

A. As part of Re: Kansas City Power and Light Company, 28 MO P.S.C. (N.S.) 228 (1986) (KCPL), the Commission adopted an approach which classifies advertisements into five categories and provides separate rate treatment for each category. The five categories of advertisements recognized by the Commission for purposes of this approach are:

- 1. General: advertising that is useful in the provision of adequate service;
- 2. <u>Safety</u>: advertising that conveys the ways to use the Company's service safely and to avoid accidents;
- 3. <u>Promotional</u>: advertising that encourages or promotes the use of the particular commodity the utility is selling;
- 4. <u>Institutional</u>: advertising that seeks to improve or retain the Company's public image;
- 5. Political: advertising which is associated with political issues.

The Commission adopted these categories of advertisements because it believed that a utility's revenue requirement should: 1) always include the reasonable and necessary cost of general and safety advertisements; 2) never include the cost of institutional or political advertisements; and 3) include the cost of promotional advertisements only to the extent that the utility can provide cost-justification for the advertisement (KCPL, pp. 269-271).

- Q. What standard did the Staff use to evaluate the Company's advertising expense in this case and to develop the adjustments?
- A. The Staff utilized the standards as initially established in the KCPL case identified above, and utilized in subsequent cases, to determine the test year level of advertising expense for the general, safety, institutional, promotional and political categories of advertising. The Staff proposes to disallow advertisements that are institutional, promotional, unrelated to the electric industry or ask for charitable donations. The Staff

allowed all general and safety-related advertisements to the extent that they were related to the electric industry and beneficial to Missouri electric ratepayers.

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Q. Has the Company provided the staff with copies of all test year advertisements in this proceeding?

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A. No. The Company only provided and identified advertisements they characterized as general and safety.

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Q. Did the Company provide copies of all general and safety advertisements sponsored by the Company?

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A. No. The Company was asked through Staff Data Request No. 146.1 to provide a copy of all advertising sponsored by the Company in the test year for this case. However, the Company was not willing to supply copies of all the advertisements sponsored in the test year. To alleviate any burden on the Company, the Staff narrowed the advertisements requested to those with an invoice value of \$1,000 or more in Data Request No. 146.2. As

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part of its rate audit, the Staff customarily performs an ad-by-ad review of all advertisements

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sponsored by the Company.

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Did the Company provide copies of what it considered to be safety and general Q. advertisements with an invoice amount over \$1,000?

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Yes, the Company provided all advertisements over \$1,000 in their above-the-A. line advertisements.

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Did the Company provide the advertisement or a description of the Q. advertisement with all invoices over \$1,000 that had been booked?

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No, some of the invoices provided by the Company were not provided with an A. advertisement and did not have an adequate description of the advertisement.

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21 22 Q. How did the Staff treat these advertisements for rate purposes?

The Staff allowed all general and safety-related advertisements to the extent A. that they were related to the electric industry and beneficial to Missouri electric ratepayers. The Staff disallowed all advertisements identified by the Company as safety or general, but which the Staff believes are institutional, promotional, or unrelated to the electric industry, as well as advertisements that could not be identified by the Staff.

- How did the Staff treat the advertising expenses with an invoice value of Q. \$1,000 or less that the Company included in this case?
- The Staff disallowed the expenses if it could not review the associated A. advertisements. A review of advertisements is necessary to ensure that only general and safety advertisement costs are being included in rates.
- Did the Company provide the Staff with any advertisements of a political Q. nature?
- No. The Company did not submit to the Staff any advertisements of a political A. nature.
- Does Staff believe that the Company should have made all of its Q. advertisements available for review?
- Yes, the Staff traditionally receives and reviews the information for all other A. major utilities regulated by the Commission.

DUES AND DONATIONS

Please explain adjustments MPS-S-80.5, S-85.4, S-88.4, L & P-Electric Q. S-79.6, S-84.4, S-87.4, L & P-Steam S-26.2, S-31.2, and S-36.2.

A. These adjustments decrease test year expenses relating to various dues the Company has included in its cost of service. Examples of dues excluded from the case are Blue Springs Kiwanis Club, Optimist Club of Liberty, Rotary Club of Blue Springs, and Lakewood Oaks Golf Club. The Staff has excluded such dues and donations because they are not necessary for the provision of safe and adequate service, and thus do not provide any direct benefit to ratepayers.

- Q. Please explain why Staff proposes to disallow Edison Electric Institute (EEI) dues.
- A. EEI is a national association of investor-owned electric utilities, which is significantly engaged in lobbying activities. The Company included in its cost of service \$97,153 of the total amount of \$343,303 paid as EEI dues. The Company had subtracted amounts that it felt were attributable to lobbying activities and for advertising by EEI. Lobbying activities may benefit the shareholders, but do not directly benefit the ratepayers. The Commission has consistently excluded all EEI dues consistent with the Staff's recommendation in this case. For example, in The Staff of the Missouri Public Service Commission v. Union Electric Company, 29 P.S.C. (N.S) 313, 332, the Commission said that dues paid to the Edison Electric Institute do not produce any direct benefit to the ratepayers because lobbying activities do not directly benefit ratepayers.
 - Q. Did the Company book any charitable donations above-the-line?
- A. No. The Company did not book any charitable donation expenses above-the-line in this case.

INJURIES AND DAMAGES

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Q. Please describe adjustments MPS—S-84.3, L & P--Electric S-83.3 and L&P-Steam S-30.1.

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A. These adjustments normalize injuries and damages expense by reflecting a 33-month average of actual claims payments. The adjustment amount is the difference between the actual average of payments and the test year accrued provision for injuries and damages.

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Q. Why has the Staff used a 33-month average of actual payments?

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A. Actual payments for injuries and damages have been fluctuating in the past few years. The Staff believes that a 33-month average will smooth the effect of these fluctuations.

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Q. Please define the 33-month period used by the Staff.

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A. The 33-month period is the time period from January 1, 2000, to September 30, 2003.

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INSURANCE

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Q. Explain adjustments MPS—S-83.1 and S-84.2, L & P—Electric S-82.1,

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A. These adjustments annualize insurance expense based on insurance premiums available through the end of the September 30, 2003, test year update period.

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PROPERTY TAXES

S-83.2, L & P—Steam S-29.1 and S-30.2.

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Q. Please explain adjustments MPS—S-94.2, L & P—Electric S-94.1 and L&P—Steam S-44.5.

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- A. These adjustments annualize property tax expense for each of these divisions.
- Q. How did the Staff compute property tax expense in this case?
- A. The Staff examined the actual amounts of property tax payments made by MPS and SJLP for 2000, 2001 and 2002. I developed a relationship of actual property tax payments to the level of property at January 1 for each of those years. The relationship was applied to the plant in service balance at the end of the test year, December 31, 2002, to calculate an annualized property tax amount in this case.
 - Q. How are property taxes paid?
- A. The state and local taxing authorities determine the annual property tax payment through an assessment of utilities' real property. This assessment is made based upon the utilities' property balances on January 1 of each year. The taxing authorities also determine a property tax rate that is applied to the assessed values to compute the property tax amount billed to utilities.
 - Q. When are property taxes paid by the utility?
- A. The property taxes are paid to the state and local taxing authorities at the end of each year, generally by December 31st.
 - Q. Are all property taxes charged to expense?
- A. No. Although the majority of property taxes are expensed, a portion of property taxes relate to construction activity as of the assessment date of January of each year. The property taxes that relate to construction activities are capitalized.

PSC ASSESSMENT

Q. Explain adjustments MPS—S-86.2, L & P—Electric S-85.2 and L & P—Steam S-33.1.

A. These adjustments annualize the PSC assessment expenses based on the July 2003 Commission assessment for the 2004 fiscal year.

RATE CASE EXPENSE

- Q. Please describe adjustment MPS—S-86.3, L & P—Steam-33.2; L&P-Electric 85.3.
 - A. This adjustment normalizes rate case expense over a three-year period.
 - Q. How was the rate case expense adjusted for Case No. ER-2004-0034?
- A. The total amount of actual rate case expense incurred by MPS and L&P through September 30, 2003, is being allowed at this time. Any additional cost that is a reasonably incurred rate case expense will be considered for inclusion later in the case. Some rate case costs, such as consulting fees, employee travel expenditures and legal representation, are directly associated with the length of the case through the prehearing and hearing process. The Staff will work with the Company to establish an ongoing normalized level of rate case expense for inclusion in rates.
- Q. Were there any adjustments made for rate case expense related to Aquila's Corporate Restructuring /Collateralization case, Case No. EF-2002-0465 before the Commission?
- A. No. The Company absorbed all costs associated with Case No. EF-2002-0465 in the non-regulated operations without seeking recovery from the regulated operations. This treatment is appropriate because these corporate restructuring costs do not benefit the customers of Missouri. The Staff believes it is inappropriate to allow specific recovery in rates of amounts related to Aquila's non-regulated operations. In addition, all costs relating to the corporate restructuring for the financial deterioration of the Company's non-regulated

Direct Testimony of Trisha Miller

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operations should not be included for recovery in rates. The Staff asserts that costs associated with Case No. EF-2003-0465 are directly associated with the Company's non-regulated activities and corporate restructuring efforts.

- Q. Does this conclude your direct testimony?
- A. Yes, it does.