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MAY 0 3 2004	Exhibit No.: Issues:	1,028 MPS Revenues	
Missouri Public Service Commission Date Testimony Prepared: December 9, 20	Witness: Sponsoring Party: Type of Exhibit: Case No.: 03 as modified Febru	Hong Hu MO PSC Staff Direct Testimony ER-2004-0034 Jary 27, 2004	
MISSOURI PUBLIC S UTILITY OPERA	ERVICE COMM	IISSION ON	
DIRECT T	'ESTIMONY DF		
HON	NG HU		
AQUI	LA, INC.		
D/B/A AQUILA N	ETWORKS M	<b>IPS</b>	
CASE NO. 1	ER-2004-0034	Exhibit No	1028
Jefferson C Decem	Ca City, Missouri Da Iber 2003	ase No(s). <u> 716-2-864-</u> ate <u>3-1-()4</u> Rptr.	0034 11

# **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 HONG HU**

STATE OF MISSOURI	)
	) ss
COUNTY OF COLE	)

Hong Hu, of lawful age, on her oath states: that she has participated in the preparation of the following written Direct Testimony, as modified, in question and answer form, consisting of 13 pages of Direct Testimony to be presented in the above case, that the answers in the attached written Direct Testimony were given by her; that she has knowledge of the matters set forth in such answers; and that such matters are true to the best of her knowledge and belief.

Hong Hu	-
Subscribed and sworn to before me this $3.74$ day of February, 2004.	
PAWHL HAKE Notary Public - State of Missouri Daw A- Hall Notary Public	

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2	
3	RATEMAKING TREATMENT OF SALES AND REVENUE
4	MPS ELECTRIC KWH SALES AND RATE REVENUE

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1		DIRECT TESTIMONY
2		OF
3		HONG HU
4		AQUILA, INC.
5	1	D/B/A AQUILA NETWORKS-MPS
6		
7		CASE NO. ER-2004-0034
8 9		
10	Q.	Please state your name and business address.
11	А.	My name is Hong Hu and my business address is Missouri Public Service
12	Commission,	P. O. Box 360, Jefferson City, Missouri 65102.
13	Q.	What is your present position with the Missouri Public Service Commission?
14	А.	I am a Regulatory Economist in the Energy-Economic Analysis Department,
15	Operations Di	vision.
16	Q.	Would you please review your educational background and work experience?
17	А.	I hold a Bachelor of Engineering degree in Management of Information
18	Systems from	Tsinghua University of Beijing, China and a Masters of Arts degree in
19	Economics fro	om Northeastern University. I have completed the comprehensive exams for a
20	Ph.D. in Econ	omics from the University of Missouri at Columbia. I worked as a regulatory
21	economist at t	he Office of Public Counsel (OPC, Public Counsel) from March 1997 to March
22	2003. I have	been employed by the Missouri Public Service Commission (Commission)

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since March 2003. A list of the cases in which I have filed testimony before the Commission
 is shown on Schedule 1.

3

Q. What is the purpose of your direct testimony in this filing?

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A. My direct testimony on the issue of Sales and Revenue describes my role in the collaborative effort with Staff Witness Janice Pyatte and Staff Witness Amanda McMellen in development of specific adjustments to Missouri jurisdictional, test year sales

7 and revenue from sales (rate revenue) for the electric operations of Aquila Networks-MPS
8 ("MPS Electric").

In this filing, I present two schedules for MPS Electric's operations that summarize
Missouri sales and rate revenue by rate schedule, based upon a test year of January 1, 2002 –
December 31, 2002, updated for known and measurable changes through September 30,
2003. The adjusted Missouri retail sales for the updated test year shown on Schedules 2 are
consistent with the normalized hourly system loads used in Staff's production cost simulation
model fuel run.

The specific adjustments to MPS Electric's revenues shown on Schedule 3 are shown
as adjustments in the Staff's Income Statement (Accounting Schedule 9) for MPS Electric.
Staff Witness Amanda McMellen is sponsoring the adjustments to annualize large customers
for load changes and to reflect growth in the number of customers for the smaller customers.
Q. What is the relationship between the Missouri rate revenue shown on your
Schedule 3 and the Missouri operating revenue shown on Accounting Schedule 9-Income

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21 | Statement?

A. Total operating revenue, which is shown on Accounting Schedule 9-Income
Statement, consists of two components: the revenue that the Company collects from the sales

- 2 -

1 of electricity to Missouri retail customers ("rate revenue"), which is shown on my 2 Schedule 3; and the revenue the Company receives from other sources ("other revenue"). 3 My testimony addresses only Missouri rate revenue for MPS Electric. 4 5 Any proposed adjustments 6 to other revenue MPS Electric are sponsored by Staff 7 Witness Amanda McMellen. 8 Q. Do you have a recommendation for the Commission regarding MPS Electric sales and rate revenue? 9 10 Α. I recommend that the Commission adopt the Staff's adjustments to booked 11 sales and rate revenue for MPS Electric that are shown on Schedules 2 and 3. If adopted, 12 Staff's rate revenue by rate schedule will be used to implement any Commission-ordered 13 revenue change in this case. 14 **RATEMAKING TREATMENT OF SALES AND REVENUE** 15 Q. What is the rationale for making adjustments to test year sales and revenue? 16 Α. The historical 12-month time period ("test year") and "update period" (if any) 17 that the Commission determines should be used for analyzing the costs of providing service 18 to retail customers is also used for analyzing sales and revenue, based on the "matching 19 principle" of ratemaking. The intent of adjustments to test year revenue is to estimate the 20 revenue that the company would have collected on an annual, normal-weather basis, based 21 on information "known and measurable" at the end of the analysis period. 22 Most adjustments to test year revenue correspond to adjustments to sales that, in turn, 23 affect the Company's fuel and purchased power costs. Net system loads, updated for these

- 3 -

1 known and measurable changes in sales, are reflected in the production cost simulation 2 model to ensure that sufficient generation and purchases exist to meet total net system 3 requirements. Any change to revenue from historical levels that results from changes in 4 underlying sales will result in corresponding changes to fuel and purchased power costs that 5 reflect that same adjustment to sales.

- Q. What categories of adjustments to kWh sales and revenue are typically made
  in a rate increase or a complaint (excess earnings) case?
- 8 A. The two major categories of adjustments are known as normalizations and
  9 annualizations.

L

Normalizations deal with test year events that are unusual and unlikely to be repeated
in the years when the new rates from this case are in effect. Test year weather is an example.
It is unlikely that the weather that occurred in the test year will, on average, be repeated in the
future, but what weather will actually occur is not predictable. The objective of the weather
normalization process is to restate test year sales and rate revenue on a "normal-weather"
basis. Annualizations are adjustments that restate test year results as if conditions known at
the end of the analysis period had existed throughout the entire test year.

Q. Please provide some examples of common annualizations that may occur in
an electric rate case?

A. A common example of a revenue annualization is a rate change that occurs
during the test year. Actual test year revenue in this situation will be understated or
overstated by the difference between the amount that was actually billed to customers and the
revenue that would have been realized by the company if the rates in effect at the end of the
analysis period had been in effect throughout the entire test year.

- 4 -

An example of an annualization that affects both sales and revenue is a large 1 2 customer that either begins or ceases service during the analysis period. In the situation 3 where a large customer ceases business, test year revenue should be decreased by the amount 4 of revenue the customer provided the Company. A corresponding reduction to sales and to 5 fuel and purchased power expense should be made to reflect the costs the company will no 6 longer incur. Conversely, when a large customer begins service, test year revenue, kWh 7 sales, and fuel expense should be increased to reflect both the costs and the revenue 8 associated with serving the new customer on an annual basis. 9 Customer growth adjustments are annualizations that reflect any additional sales and 10 revenue (or reductions to sales and revenues) that would have occurred in the test year if all 11 of the customers that were on the system at the end of the analysis period had been customers 12 for all twelve months of the test year.

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## MPS ELECTRIC KWH SALES AND RATE REVENUE

Q. Which specific adjustments to MPS Electric's sales and rate revenue from
electric operations are you recommending?

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A. I recommend that the Commission adopt the Staff's adjustments to sales and
revenues shown on Schedules 2 and 3, and identified on Accounting Schedule 9-Income
Statement for MPS Electric. A description of these adjustments appears on Accounting
Schedule 10-Adjustments to Income Statement.

Q. How does your testimony on MPS Electric sales and revenues relate to the
testimony of other Staff witnesses in this case?

A. I am responsible for compiling the table labeled as Schedule 2, which
summarizes the results of Staff's work relating to Missouri sales (measured in kWh) for MPS

- 5 -

Electric. In addition to the adjustments to kWh sales addressed in my testimony, Staff
 witness Richard J. Campbell addresses the normalization of kWh sales to account for the
 effects of deviations from normal weather in the test year, and Staff witness Amanda
 McMellen addresses the effect that growth (or decline) in the number of customers had on
 kWh sales. The annualization of kWh sales for the large customers was a collaborative effort
 between Ms. McMellen and myself.

I am also responsible for compiling the table labeled as Schedule 3, which
summarizes the results of Staff's work relating to Missouri rate revenue for MPS Electric.
My testimony addresses the methodologies used to calculate annualized, normalized rate
revenue for each affected rate code. Ms. McMellen's testimony addresses the effect that
growth (or decline) in the number of customers had on rate revenue. The annualization of
rate revenues for the large customers was a collaborative effort between Ms. McMellen and
myself.

Q. Please describe the characteristics of the Missouri kWh sales and rate revenue
that have been developed in this case.

A. The Missouri kWh sales and rate revenue that I am presenting have these
characteristics: (i) they have been developed by rate schedule ("rate code"); (ii) they have
been normalized to remove the effects of deviations from normal weather in the test year;
(iii) they have been developed on both a billing month and a calendar year (i.e., 365-day)
basis; and (iv) they have been adjusted to reflect load growth/decline.

In addition, rate revenue has been annualized to reflect the decrease in permanent
rates that occurred March 21, 2002, as an outcome of Case No. ER-2002-672 and the change
in economic development rider ("EDR") credits to 2003 levels.

- 6 -

Q. What specific annualizations to test year kWh sales and rate revenue were
 done in this case?

A. I determined a number of annualizations to individual Large Power Service customers that reflect significant increases or reductions in electric load. I computed a days adjustment for each customer, if required, to ensure that sales and revenue represented a 365day period. I also "cleaned-up" the monthly billing information recorded in the Company's financial records to properly reflect billing corrections.

Q. Please describe the rationale for annualizing Large Power customers
9 individually rather than in aggregate.

A. Large Power customers are the largest electricity-using customers. This group
of 188 customers is heterogeneous in terms of both size and load factor and, as a
consequence, aggregate methods of analyzing them are generally not very accurate. To
accommodate the pending Aquila rate design case, Case No. EO-2002-384, special care was
taken in this case to reflect the unique circumstances of each customer.

Q. Please describe the process used to annualize billing corrections for individual
Large Power customers.

A. A number of adjustments were made to individual Large Power customers to
reflect selected billing corrections that Aquila made during the test year and/or update period.
The typical situation was where an original bill was wrong and the correction is recorded in a
month other than the month that the original, incorrect bill was recorded. Billing corrections
are recorded as a "cancel" of the original bill and a separate bill for the "rebill" of the correct
amount. In this situation, the monthly data that is required for Staff's analysis of kWh sales
and rate revenue is distorted. I adjusted the individual customer kWh sales and revenue, as

- 7 -

1 recorded by Aquila, to what I believe the data would have looked like if the original bill had 2 been correct in the first place, i.e., I moved the "cancel" and the "rebill" to the month in 3 which the incorrect original bill was recorded. This had no effect on annual sales and 4 revenues, except in those instances where the incorrect original bill was for a month that was 5 prior to the test year and where the billing corrections occur in the update period. The annual 6 differences associated with this "clean-up" of test year billing data were recorded as 7 annualizations so that it would be clear that Staff's starting point in this case was consistent 8 with Aquila's FERC Form 1 filing for the year 2002.

9 Q. Please describe the process used to annualize individual Large Power
10 customers for significant increases or reductions in electric load.

11 A. The first step was to determine whether each customer experienced a 12 significant increase or reduction in electric load that required annualizing. I graphically 13 examined each customer's monthly demand and energy use over the test year and update 14 period to determine whether a change in the "size" of the customer had occurred. Aquila 15 provided a list of customers that it had identified as being likely to experience a significant 16 change in load. These customers received closer scrutiny to determine whether a measurable 17 load change had occurred.

18 The most common method used to annualize a specific customer for load changes 19 was to replace specific months of that customer's January 2002-September 2002 test year 20 data with its billing data for corresponding months in the January 2003-September 2003 21 update period. Care was taken to reflect the known, unique circumstances of each customer. 22 These annualizations are shown by rate schedule on Schedules 2 and 3, attached to

23 this testimony, and, in aggregate, on Accounting Schedules 9 and 10, S-1.

- 8 -

Q. What normalizations to test year billed kWh sales were done in this case?
 A. Two normalizations of test year kWh sales were done for this case. The first
 normalization restates test year kWh sales on a "normal weather" basis; i.e., to the level of
 kWh sales that would have occurred in the test year if test year weather had been "normal."
 The second normalization represents the change in kWh sales associated with adjusting the
 twelve test year billing months to the equivalent of 365 days.

Mr. Campbell is sponsoring both the weather normalization to kWh sales and the
"days" adjustments to kWh sales. His annual results are shown by rate schedule on
Schedule 2, A Summary of Missouri kWh sales. Please refer to Mr. Campbell's testimony
for a more complete description of the weather normalization concept and methodology.

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What normalizations to test year rate revenue were done in this case?

A. I am responsible for calculating the adjustments to rate revenue that are
associated with both of Mr. Campbell's adjustments to kWh sales. Weather adjustments
were computed for Residential rate codes (MO860, MO870, MO720, MO740), Small
General Service rate codes (MO710, MO711), the Large General Service rate code (MO720),
and the Schools & Churches rate code (MO740).

17 Three different methodologies for normalizing rate revenue were used. The 18 assumption underlying all three methodologies is that the weather normalization process has 19 no effect on either the number of customers or on the fixed charges those customers currently 20 pay. I assumed that weather normalization only affects the energy usage of each existing 21 customer and thus only affects those charges directly related to kWh usage.

22

Q. Why were multiple methodologies used?

-9-

A The methodology used for normalizing rate revenue for each rate code was
 determined by the rate structure.

Q. Please briefly describe each methodology and the situations where each was
used.

5 A. The rate structure of rate code MO710 and MO740 consists of base energy 6 and seasonal energy blocks for winter months and only one tariffed rate for energy usage in 7 the summer months. Therefore, weather normalization adjustments are calculated for all 8 monthly usage for summer months at the single summer rate. Weather normalization 9 adjustments are directly assigned to the seasonal energy block for the winter months because 10 I believe this rate structure is designed so that a customer's base energy block reflects its 11 non-weather sensitive usage and any weather effect should be captured in the seasonal energy block. 12

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13 There are multiple energy rate blocks for residential rate codes MO860 and MO870. 14 As customer usage increases the percentage of usage in each energy block in the total energy 15 usage changes. Using a statistical regression technique, I modeled the relationship between 16 average monthly use per customer and the percentage of usage in each block for each season 17 of these two rate codes. After determining how the percentage in the blocks changed when 18 use per customer changed, I applied this relationship to the monthly usage per customer 19 before and after the weather adjustment that Mr. Campbell had provided me. I then 20 calculated the monthly weather adjustment to revenue that corresponds to Mr. Campbell's 21 monthly weather adjustment to kWh sales based on that relationship.

Rate codes MO711 and MO720 have a rate structure where energy blocks are
determined based on a customer's hours of use. In other words, the energy blocks are

1 different for each customer based on each customer's level of demand. I was unable to 2 develop a regression analysis technique for this rate structure that proved to be meaningful; 3 therefore, the weather adjustments to revenue for these rate codes were calculated by the 4 average realization method. This method applies the average energy charge per kWh for 5 each specific month to the weather adjustment to that month's kWh sales. The rationale for 6 the average realization method is that a reasonable estimate of the change in revenue 7 associated with a change in kWh sales can be calculated by assuming that the change in sales 8 would be priced at the same average price as the actual sales in that month.

9 Schedule 3 shows the annual normalization adjustment to revenue for each rate
10 schedule. This normalization adjustment to revenue is also included in Accounting
11 Schedule 9–Income Statement and Accounting Schedule 10–Adjustments to Income
12 Statement.

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Q. How was the effect of customer growth on kWh sales and revenue accountedfor?

15 Α. Conceptually, customer growth adjustments reflect the additional kWh sales 16 and rate revenue that would have occurred if the number of customers taking service at the 17 end of the update period (September 30, 2002) had existed throughout the entire test year. 18 Ms. McMellen is sponsoring the aggregate customer growth adjustment to rate revenue 19 shown on Accounting Schedules 9 and 10. My Schedules 2 and 3 display Ms. McMellen's 20 results by rate schedule, split between test-year-related growth and update-period-related 21 growth. Please refer to Ms. McMellen's testimony for a more complete description of the 22 customer growth concept and methodology.

23

Q.

How was the effect of the rate change accounted for?

A. The current Aquila MPS Electric rates became effective on March 21, 2002 as a result of the last rate case. For most of the rate codes, customers were subject to different rates before and after the rate change. Adjustments needed to be made so that the total rate revenue is as if the current rates have been in effect since the start of the test year.

5 Monthly revenues were calculated based on billing units I obtained from the 6 Company for each rate code. For the month of January, February, and March, monthly 7 revenues were calculated both under the old rates and the current rates, and the difference 8 between the two results was retained as an adjustment. Due to billing cycles, it is possible 9 that the rate change also affected the reported revenues in April. I have used the difference 10 between revenue calculated based on the billing units under the current revenue and the 11 revenue reported in the Company's revenue report as an proxy of rate change adjustment for 12 April.

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Q. How was the change in Economic Development Rider ("EDR") credits
accounted for?

A. Under MPS Electric's Economic Development Rider a customer who qualifies for EDR credits will receive a 30% revenue reduction in the first year of its operation, 25% revenue reduction in the second year, 20% in the third year, 15% in the fourth year and 10% reduction in the fifth year. For each customer, the EDR credits reduce by 5% each year until the last year when it reduces from 10% to zero. This effectively decreases the amount of EDR credits each year and increases revenue, unless new EDR customers are added.

I have adjusted the EDR credit for each EDR customer existing at the end of the
update period by reducing its EDR credit by 5%, or by eliminating its EDR credit if its EDR

- 12 -

contract has already expired. MPS Electric's Economic Development Rider is not available
 to new customers after December 31, 2003.

Q. Why are the two Small General Service rate codes (MO710 and MO711)
4 shown combined on your schedules?

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5 Α. These two rate codes represent small commercial customers taking 6 service at secondary voltage. The MO710 rate code is used for those customers who do not 7 have demand metering equipment installed; MO711 represents those who do. Despite this 8 distinction, each MO711 customer is currently billed on both the MO710 and MO711 rates 9 and is charged the "lesser of" the two amounts. In the past few years Aquila has pursued a 10 policy of installing demand meters on many of the MO710 customers. As a consequence, the 11 current data shows an overly high rate of growth of MO711 customers and a significant 12 decline in MO710 customers, even though many of those customers continue to be billed on 13 the MO710 rates. Staff's methodology for calculating the increase (decrease) in sales and 14 revenues based on the growth in the number of customers will overstate Small General 15 Service revenues if computed separately, so Ms. McMellen computed them on a combined 16 basis. Consequently my summary tables show them combined.

Q. Please restate your recommendation for the Commission regarding MPS
Electric sales and rate revenue?

- A. I recommend that the Commission adopt the Staff's adjustments to booked
  sales and rate revenue for MPS Electric that are shown on Schedules 2 and 3.
- Q. Does this conclude your direct testimony on the issue of sales and rate
  revenue in this case?
- 23
- A. Yes, it does.

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 to new customers after December 31, 2003.

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4 shown combined on your schedules?

5 Α. These two rate codes represent small commercial customers taking 6 service at secondary voltage. The MO710 rate code is used for those customers who do not 7 have demand metering equipment installed; MO711 represents those who do. Despite this 8 distinction, each MO711 customer is currently billed on both the MO710 and MO711 rates 9 and is charged the "lesser of" the two amounts. In the past few years Aquila has pursued a 10 policy of installing demand meters on many of the MO710 customers. As a consequence, the 11 current data shows an overly high rate of growth of MO711 customers and a significant 12 decline in MO710 customers, even though many of those customers continue to be billed on 13 the MO710 rates. Staff's methodology for calculating the increase (decrease) in sales and 14 revenues based on the growth in the number of customers will overstate Small General 15 Service revenues if computed separately, so Ms. McMellen computed them on a combined 16 basis. Consequently my summary tables show them combined.

Q. Please restate your recommendation for the Commission regarding MPS
Electric sales and rate revenue?

- A. I recommend that the Commission adopt the Staff's adjustments to booked
  sales and rate revenue for MPS Electric that are shown on Schedules 2 and 3.
- Q. Does this conclude your direct testimony on the issue of sales and rate
  revenue in this case?
- 23
- A. Yes, it does.

# Testimony Filed before the Missouri Public Service Commission Witness: Hong Hu

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Company	Case
The Empire District Electric Company	ER-2002-424
Union Electric Company d/b/a AmerenUE	EC-2002-1
UtiliCorp United, Inc. d/b/a Missouri Public Service	ER-2001-672
Laclede Gas Company	GR-2001-629
The Empire District Electric Company	ER-2001-299
Missouri Gas Energy	GR-2001-292
St. Louis Country Water Company	WR-2000-844
Union Electric Company d/b/a AmerenUE	GR-2000-512
Missouri-American Water Company	WR-2000-281 & SR-2000-282
Laclede Gas Company	GR-99-315
St. Joseph Light & Power Company	ER-99-247 & EC-98-573
Laclede Gas Company	GR-98-374
Missouri Gas Energy	GR-98-140
Union Electric Company d/b/a AmerenUE	GR-97-393
Union Electric Company	EO-96-15
St. Joseph Light & Power Company	EC-98-573
McDonald County Telephone Company	TR-98-347
Lathrop Telephone Company	TR-98-345

Schedule 1

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# DELVITZ OF VEDUSTMENTS TO MISSOUNI RETAIL KWH SALES BY RATE CODE CASE NOT ER-2004-003480 THE RETAIL KWH SALES BY RATE CODE

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#### (COLENDAR YEAR 2002, UPDATED THROUGH SEPTEMBER 30, 2003) DETAILS OF ADJUSTMENTS TO MISSOURI RETAIL RATE REVENUE BY RATE CODE. CASE NOW ER-2004-00344 VORTA RETWORKS - NPS ELECTRIC

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#### AQUILA NETWORKS - MPS ELECTRIC

CASE NOR ER-2004-0034

ADJUSTED MISSOURI RETAIL RATE REVENUE BY RATE CODE

(CALENDAR YEAR 2002, ADJUSTED THROUGH SEPTEMBER 30, 2003)

		<b>Billed Revenue</b>	Annualizations	Normalizations to	Customer	Total MPS
Rate Code		w/o Taxes	to Revenue	to Nevenue	Annualizations	Rate Revenue
HOSEO	Residential General Use	\$121,086,395	\$114,885	(\$5,822,135)	\$684,584	\$116,063,728
HO970	Residental w Soace Heat	\$41,508,916	\$327,549	(\$908,541)	\$5,485,647	\$46,414,471
MO716,MO71	Small GS, Sac	\$46,000,550	(\$252,387)	(\$737,472)	52,621,310	\$47,738,011
N0716	Small GS w/kW mtr, Pri	\$61,320	\$10,517	•	r -	\$71,837
	TOD (GS) - 1 phase	枊				
M0720	Large GS; Secondary	\$37,542,605	\$118,085	(\$184,419)	\$3,655.129	\$40,531,461
M0725	Large GS, Primary	\$1,610,900	(\$6,254)			\$1,504,645
M0721	RTP (721)	\$1.73,489	(\$302)			\$133,186
	TOD (GS) - 3 phase, Sec	\$0				
M0730	Large PS, Secondary	\$23,271,679	(\$1,034,177)		\$1,417,428	\$23,654,930
M0735	Large PS, Primary	\$22,362,452	(\$368,344)		(\$933,534)	\$21,560,474
M0731	RTP (731)	\$995,068	(\$4,109)			\$990,959
M0737	RTP (737)	\$2,531,405	(\$12,513)			\$2,51 <b>8,891</b>
MQ919	Special Contract (Modine)	\$245,938	(\$1,121)			\$244,818
MD650	Thermal Energy	\$277,487	(\$1,004)		\$17,650	\$294,133
MO740	Schools & Charches, Sec	\$3,471,650	(\$26,766)	(\$88,326)	(\$3,038,521)	\$318,098
M0745	Schools & Churches, Pri	\$10,785	(\$10,786)			
**0800	Muni Water Pumps	\$500,306			(\$266,003)	\$234,303
MO810	Muni Park & Rec	\$203,700			(\$117,750)	\$85,949
MO811	Muni Park & Rec. 3-phase	\$208,355				\$208,355
MONIX	Lighting	\$5,034,930	(\$302)			\$5,034,628
MOIBER	Interdepartmental	\$12,762				\$12.762
M0720	Economic Development Credits	(\$78,100)	\$25,281			
M0730	Economic Development Credits	(\$990,163)	\$302,951			
M0735	Economic Development Credits	(\$281,317)	\$73,529			
	Unaccounted for	(\$102,483)				(\$107,483)
	Co Unbilled	(\$558,474)	\$668,474			, , ,
	Total MO Retail Rate Revenue	\$305, <b>056,</b> 224	\$24,266	(\$7,740,995)	\$9,425,840	\$307,613,154

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