

Exhibit No.: Issue(s):

Witness/Type of Exhibit: Sponsoring Party: Case No.: Accounting Authority Order/ SO₂ Inventory Robertson/Direct Public Counsel ER-2007-0004

DIRECT TESTIMONY

OF

TED ROBERTSON

Submitted on Behalf of the Office of the Public Counsel

HILED MAY 3 2007 Missouri Public Service Commission

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

Case No. ER-2007-0004

January 18, 2007

Exhibit No. ER-2007-0004 Case No(s). Rptr_ Date

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of the Tariff Filing of Aquila, Inc., to) Implement a General Rate Increase for Retail) Electric Service Provided to Customers in its) Aquila Networks—MPS and Aquila Networks—) L&P Missouri Service Areas.)

Case No. ER-2007-0004 Tariff No. YE-2007-0001

AFFIDAVIT OF TED ROBERTSON

STATE OF MISSOURI)	
)	SS
COUNTY OF COLE)	

Ted Robertson, of lawful age and being first duly sworn, deposes and states:

- 1. My name is Ted Robertson. I am a Public Utility Accountant for the Office of the Public Counsel.
- 2. Attached hereto and made a part hereof for all purposes is my direct testimony.
- 3. I hereby swear and affirm that my statements contained in the attached testimony are true and correct to the best of my knowledge and belief.

Ted Robertson, C.P.A. Public Utility Accountant III

Subscribed and sworn to me this 18th day of January 2007.



JERENE A. BUCKMAN My Commission Expires August 10, 2009 Cole County Commission #05754036

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Jerène A. Buckman Notary Public

My commission expires August 10, 2009.

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5 6		AQUILA INC. d/b/a
7		AQUILA NETWORKS - MPS
8 9		AND
9 10	ļ	AQUILA NETWORKS – L&P
11	ļ	CASE NO. ER-2007-0004
12		
13	I.	INTRODUCTION
14	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
15	A.	Ted Robertson, P. O. Box 2230, Jefferson City, Missouri 65102.
16		
17	Q.	BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?
18	А.	I am employed by the Office of the Public Counsel of the state of Missouri ("OPC" or
19		"Public Counsel") as a Public Utility Accountant III.
20		
21	Q.	PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND OTHER
22		QUALIFICATIONS.
23	А.	I graduated from Southwest Missouri State University in Springfield, Missouri, with a
24		Bachelor of Science Degree in Accounting. In November, 1988, I passed the Uniform
25		Certified Public Accountant ("CPA") Examination, and obtained CPA certification from
26		the state of Missouri in 1989. My Missouri CPA license number is 2004012798.
27		

1 Q. WHAT IS THE NATURE OF YOUR CURRENT DUTIES WHILE IN THE EMPLOY 2 OF THE PUBLIC COUNSEL? 3 A. Under the direction of the OPC Chief Public Utility Accountant, Mr. Russell W. 4 Trippensee, I am responsible for performing audits and examinations of the books and 5 records of public utilities operating within the state of Missouri. 6 7 Q. HAVE YOU RECEIVED SPECIALIZED TRAINING RELATED TO PUBLIC 8 UTILITY ACCOUNTING? 9 A. Yes. In addition to being employed by the Office of the Public Counsel since 1990, I 10 have attended the NARUC Annual Regulatory Studies Program at Michigan State 11 University, and I have also participated in numerous training seminars relating to this 12 specific area of accounting study. 13 14 Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE MISSOURI PUBLIC 15 SERVICE COMMISSION? 16 A. Yes, I have. Please refer to Schedule No. TJR-1, attached to this direct testimony, for a 17 listing of cases in which I have previously submitted testimony before the Missouri 18 Public Service Commission ("MPSC" or "Commission"). 19 20 WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY? Q. 21 A. The purpose of this testimony is to express the Public Counsel's recommendations 22 regarding the ratemaking treatment of various costs associated with the electric 23 operations of Aquila Networks - MPS ("MPS") and Aquila Networks - L&P ("L&P" or

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"SJLP"), both of which are operating divisions of Aquila Inc. ("Aquila" or "Company"). The issues I intend to address include, 1) MPS accounting authority orders ("AAO"), and 2) MPS and L&P SO₂ emission allowance inventory.

II. **MPS ACCOUNTING AUTHORITY ORDERS**

Q. WHAT IS THE ISSUE?

A. The issue concerns the level of AAO costs that should be included in the determination of 8 MPS's rates. Public Counsel does not oppose recovery of an annual expense amortization 9 equal to the AAO expense Company has booked to its financial records during the test year 10 (with the exception of the Ice Storm AAO expense amortization discussed later in this testimony); however, we do oppose allowing Company to earn a return on the remaining 12 unamortized AAO deferred cost balances via their inclusion in rate base. Furthermore, 13 Public Counsel recommends that the AAO-related deferred income taxes should be utilized 14 as an offset to rate base because the amounts represent a cost-free source of the funds 15 provided by ratepayers to the Company.

17 Q. PLEASE IDENTIFY THE ACCOUNTING AUTHORITY ORDERS AND COSTS THAT 18 PERTAIN TO THIS ISSUE.

19 A. Pursuant to Commission order, Company has booked costs associated with several 20 accounting authority orders during the test year. Company was authorized to defer 21 depreciation expenses, property taxes, and carrying costs associated with the capacity life 22 extension and western coal conversion projects at its Sibley generating station 23 ("SCLE/WC"). Approval to defer and recover those costs was made pursuant to the

	Case I	10. LR-2007-0004		
1		Commission's Accounting Authority Orders in Case Nos. EO-90-114 and ER-90-101, and		
2		subsequent reauthorization was provided in Case Nos. EO-91-358 and ER-93-37. Company		
3		was also granted authority to defer and amortize costs incurred due to an ice storm in its		
4		Missouri Public Service area in January 2002. Approval to defer and recover those costs		
5	,	was made pursuant to the Commission's Order Granting Accounting Authority Order in		
6		Case No. EU-2002-1053.		
7				
8	Q.	WHAT DOES THE TERM DEFERRED REPRESENT?		
9	A.	For purposes of this issue when a cost (expense/expenditure) has been deferred it is not		
10		recognized on the income statement as an expense in the current period. The costs are		
11		instead booked to a balance sheet account and ratably amortized to an income statement		
12		expense account over some period of time. For example, in the case of the Ice Storm		
13		AAO, the Commission Order stated:		
14				
15 16 17 18 19		 A. Aquila is authorized to defer actual incremental operation and maintenance expenses incurred as a direct result of the January 2002 ice storm to Uniform System of Accounts Account 182.3. And, 		
20 21 22 23 24		 C. Aquila shall ratably amortize the amount deferred to Account 182.3 over a five-year period beginning February 1, 2002. 		
25	Q.	OVER WHAT PERIOD OF TIME IS COMPANY AUTHORIZED TO AMORTIZE THE		
26		DEFERRED COSTS ASSOCIATED WITH THE SIBLEY GENERATING STATION		
27		CAPACITY LIFE EXTENSION AND WESTERN COAL CONVERSION PROJECTS?		

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1	А.	It is my understanding that the Company is, pursuant to Commission authorization,
2		amortizing the Sibley and Western Coal Conversion deferred costs over twenty years.
3		
4	Q.	IS THE PUBLIC COUNSEL RECOMMENDING ANY ADJUSTMENT TO THE
5		COMPANY'S PROPOSED ANNUAL EXPENSE AMORTIZATION?
6	A.	Not at this time; however, the expense amortization associated with the Ice Storm AAO
7		is due to be completely recovered on or about the 1st of February 2007 so any update for
8		known and measurable costs, or true-up, associated with this issue should recognize the
9		fact that the new rates determined in the current case should not include any cost
10		associated with that expense amortization.
11		
12	Q.	PLEASE IDENTIFY THE REMAINING BALANCES OF THE UNAMORTIZED
13		DEFERRED COSTS OF CASE NOS. EO-90-114 AND EO-91-358.
14	A.	My calculations show that at the end of the Commission authorized test year, December 31,
15		2005, the remaining unamortized deferred cost balances for the 1990 and 1992 Sibley and
16		Western Coal AAOs (Missouri retail jurisdiction) were \$955,561 and \$1,093,486,
17		respectively. Updated for known and measurable changes through December 31, 2006, the
18		deferred cost balances were approximately \$761,977 and \$947,688, respectively.
19		
20	Q.	WHAT IS THE PUBLIC COUNSEL'S RECOMMENDATION REGARDING THE
21		RATE BASE RATEMAKING TREATMENT FOR THE UNAMORTIZED
22		DEFERRED COSTS OF CASE NOS. EO-90-114 AND EO-91-358?

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1	A.	It is the Public Counsel's recommendation that remaining unamortized deferred costs
2		should not be included as an addition in the determination of the MPS rate base.
3		
4	Q.	WHAT IS THE REMAINING UNAMORTIZED DEFERRED COST BALANCE FOR
5		THE ICE STORM ACCOUNTING AUTHORITY ORDER OF CASE NO. EU-2002-
6		1053?
7	А.	My calculations show that at the end of the Commission authorized test year, December 31,
8		2005, the remaining unamortized deferred cost balance for the Ice Storm AAO (Missouri
9		retail jurisdiction) was approximately \$1,786,734. Updated for known and measurable
10		changes through December 31, 2006, the balance is close to being completely amortized.
11		All that remains to be amortized is approximately \$137,441 and this amount, like the AAO's
12		associated expense amortization, is expected to be fully recovered on or about February 1,
13		2007.
12		
14		
	Q.	WHAT IS THE PUBLIC COUNSEL'S RECOMMENDATION REGARDING THE
14	Q.	WHAT IS THE PUBLIC COUNSEL'S RECOMMENDATION REGARDING THE RATE BASE RATEMAKING TREATMENT FOR THE UNAMORTIZED
14 15	Q.	·
14 15 16	Q. A.	RATE BASE RATEMAKING TREATMENT FOR THE UNAMORTIZED
14 15 16 17		RATE BASE RATEMAKING TREATMENT FOR THE UNAMORTIZED DEFERRED COSTS OF CASE NO. EU-2002-1053?
14 15 16 17 18		RATE BASE RATEMAKING TREATMENT FOR THE UNAMORTIZED DEFERRED COSTS OF CASE NO. EU-2002-1053? The unamortized deferred costs of this AAO should also be denied rate base treatment.
14 15 16 17 18 19		RATE BASE RATEMAKING TREATMENT FOR THE UNAMORTIZED DEFERRED COSTS OF CASE NO. EU-2002-1053? The unamortized deferred costs of this AAO should also be denied rate base treatment. In this case, the Commission's <u>Order Granting Accounting Authority Order</u> , page 5,
14 15 16 17 18 19 20		RATE BASE RATEMAKING TREATMENT FOR THE UNAMORTIZED DEFERRED COSTS OF CASE NO. EU-2002-1053? The unamortized deferred costs of this AAO should also be denied rate base treatment. In this case, the Commission's <u>Order Granting Accounting Authority Order</u> , page 5, specifically denied the deferral of any costs of or related to expenditures relating to plant-
 14 15 16 17 18 19 20 21 		RATE BASE RATEMAKING TREATMENT FOR THE UNAMORTIZED DEFERRED COSTS OF CASE NO. EU-2002-1053? The unamortized deferred costs of this AAO should also be denied rate base treatment. In this case, the Commission's <u>Order Granting Accounting Authority Order</u> , page 5, specifically denied the deferral of any costs of or related to expenditures relating to plant- in-service (i.e., capital costs). Therefore, in addition to the reasons I will expand on in

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deferred pursuant to this AAO; thus it would be quite inappropriate to include the unamortized deferred cost balance in the determination of the Company's investment calculation (i.e., rate base).

Q. WHY DOES THE PUBLIC COUNSEL BELIEVE THAT THE UNAMORTIZED ACCOUNTING AUTHORITY ORDER DEFERRED COST BALANCES SHOULD NOT BE ALLOWED IN THE DETERMINATION OF THE MPS RATE BASE?

A. The Public Counsel's position on this issue is based on our belief that MPS is being given what essentially amounts to a guaranteed "return of" the deferrals associated with the SCLE/WC projects and ice storm; therefore, it should not be also provided with a "return on" those same amounts.

13 Q. PLEASE EXPLAIN THE TERMS "RETURN OF" AND "RETURN ON."

A. If an expenditure is recorded on the income statement as an expense it is compared dollar for dollar to revenues. This comparison is referred to as a "return of" because a dollar of expense is matched by a dollar of revenue. A "return on" occurs when an expenditure is capitalized with the balance sheet and then included in the calculation of rate base. This calculation is a preliminary step in determining the earnings a company achieves on its total regulatory investment.

Q. WHAT IS THE EFFECT OF THE COMPANY'S ACCOUNTING AUTHORITY 22 **ORDERS**?

A. The Commission's authorization of AAO treatment insulates MPS shareholders from the risks associated with regulatory lag that occurred when the SCLE/WC construction projects and ice storm cost were completed, and placed in service, before the operation of law date of a general rate increase case.

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Q. PLEASE EXPLAIN THE CONCEPT OF REGULATORY LAG.

A. This concept is based on a difference in the timing of a decision by management and the Commission's recognition of that decision and its effect on the rate base rate of return relationship in the determination of a utility's revenue requirement. Management decisions that reduce or increase the cost of service without a matching change in revenues result in a change in the rate base rate of return relationship. This change either increases or decreases the profitability of the utility in the short-run until such time as the Commission reestablishes rates to properly match revenues with the new level of service cost. Companies are allowed to retain cost savings (i.e., excess profits during the lag period between rate cases) and are required to absorb cost increases. When faced with escalating costs regulatory lag places pressure on management to minimize the change in the relationship because it cannot be recognized in a rate increase until the Commission approves such in a general rate proceeding.

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Q. HAS THIS COMMISSION RULED THAT IT IS NOT REASONABLE TO PROVIDE SUCH PROTECTION TO SHAREHOLDERS?

A. Yes, it has. In Missouri Public Service Co., Case Nos. EO-91-358 & EO-91-360, the
Commission stated:

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	Lessening the effect of regulatory lag by deferring costs is beneficial to a company but not particularly beneficial to ratepayers. Companies do not propose to defer profits to subsequent rate cases to lessen the effects of regulatory lag, but insist it is a benefit to defer costs. Regulatory lag is a part of the regulatory process and can be a benefit as well as a detriment. Lessening regulatory lag by deferring costs is not a reasonable goal unless the costs are associated with an extraordinary event.
	Maintaining the financial integrity of a utility is also a reasonable goal. The deferral of costs to maintain current financial integrity, though, is of questionable benefit. If a utility's financial integrity is threatened by high costs so that its ability to provide service is threatened, then it should seek interim rate relief. If maintaining financial integrity means sustaining a specific return on equity, this is not the purpose of regulation. It is not reasonable to defer costs to insulate shareholders from any risks. 1 Mo. P.S.C. 3d 200, 207 (1991).
Q.	DID THE COMMISSION MAKE A DETERMINATION THAT THE COMPANY'S
	ACCOUNTING AUTHORITY ORDERS WERE RELATED TO EXTRAORDINARY
	EVENTS?
А.	Yes. The Commission, however, has more recently refined how an extraordinary event is
	identified when it stated on page thirteen of its Report and Order in St. Louis County Water
	Company, Case No. WR-96-263:
	As both the OPC and the Staff point out, the Commission has to date, granted AAO accounting treatment exclusively for one-time outlays or capital caused by unpredictable events, acts of government, and other matters outside the control of the utility or the Commission. It is also pointed out that the terms "infrequent, unusual and extraordinary" connote occurrences which are unpredictable in nature. (Emphasis added by OPC)

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1	Q.	HAS THE COMMISSION DENIED THE INCLUSION IN RATE BASE OF
2		UNAMORTIZED DEFERRED BALANCES ASSOCIATED WITH AN ACCOUNTING
3	,,,	AUTHORITY ORDER?
4	A.	Yes, it has. In Missouri Gas Energy, Case No. GR-98-140, the Commission ordered that the
5		unamortized deferred balances associated with the Company's gas safety line replacement
6		program would not be included in the determination of the Company's rate base. On page
7		nineteen of the Order in Case No. GR-98-140, it states:
8		
9 10 11 12 13 14 15 16 17		The Commission finds that the unamortized balance of SLRP deferrals should not be included in the rate base for MGE. The AAOs issued by the Commission authorize the Company to book and defer the amount requested but do not approve any ratemaking treatment of amounts from the deferred and booked balances. AAOs are not intended to eliminate regulatory lag but are intended to mitigate the cost incurred by the Company because of regulatory lag.
18		Continuing on page twenty, it states:
19		
20 21 22 23 24 25 26 27 28 29 30		All of the parties agree that it is the purpose of the AAO to lessen the effect of the regulatory lag, not to eliminate it nor to protect the Company completely from risk. Without the inclusion of the unamortized balance of the AAO account included in the rate base, MGE will still recover the amounts booked and deferred, including the cost of carrying these SLRP deferral costs, property taxes and depreciation expenses through the true-up period ending May 31, 1998. The Commission finds that OPC's position on this issue is just and reasonable and is supported by competent and substantial evidence in the record.

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	Case	NO. ER-2007-0004
1	Q.	SUBSEQUENT TO THE COMMISSION'S DECISION IN CASE NO. GR-98-140 HAS
2	10 °	THE COMMISSION TREATED THIS ACCOUNTING AUTHORITY ORDER RATE
3		BASE ISSUE CONSISTENTLY?
4	A.	Yes, it is my understanding that it has.
5		
6	Q.	PLEASE CONTINUE.
7	А.	The purpose of the accounting variance is to protect MPS from adverse financial impact,
8		caused by regulatory lag, by providing it with a vehicle that allows it the opportunity to
9		capture and recover costs it normally would not have had the opportunity to recover. The
10		accounting variance should not be used to place the Company in a better position than it
11		would have been in had plant investment and rate synchronization been achieved. Just as it
12		would be unfair to deny MPS recovery of its reasonable and prudent investment due to
13		regulatory delays which the Company could not control, it would be unfair if MPS were
14		allowed to reap a windfall, at ratepayer expense, due to a regulatory delay that ratepayers
15		could not control. Public Counsel's position is that issues caused by regulatory lag must be
16		treated in a fair manner for both ratepayers and MPS.
17		

18 Q. DOES PUBLIC COUNSEL RECOMMEND NO RATE BASE TREATMENT FOR ALL
 19 COSTS ASSOCIATED WITH THE ACCOUNTING AUTHORITY ORDERS?

A. No. Public Counsel's recommendation is that the unamortized AAO deferred cost balances should not be included as an addition to Company's rate base; however, the deferred income tax balances associated with the AAOs should be included as a reduction to rate base because they are a cost-free source of capital to the Company created by the interaction of

the actual expensing of the deferred costs on the income statement for income tax versus regulatory purposes.

Q. HAS THE PUBLIC COUNSEL DETERMINED AN APPROPRIATE AMOUNT OF DEFERRED INCOME TAXES TO INCLUDE IN RATE BASE?

6 A. Yes. I calculated the OPC recommended deferred income tax to include in rate base by first 7 multiplying the total electric unamortized AAO deferred cost balances by a combined 8 federal and state tax rate. The result of that calculation was then adjusted to Missouri retail 9 jurisdictional amounts by applying factors provided by Company is its rate case filing 10 workpaper RB-40. According to my calculations, the Missouri retail jurisdictional income 11 tax balance as of December 31, 2005 totals approximately \$1,472,555 (i.e., \$366,840, 12 \$419,789 and \$685,927 for the 1990, 1992 and Ice Storm AAOs, respectively). Updated for 13 known and measurable changes through December 31, 2006, the balance approximates 14 \$709,104 (i.e., \$292,523, \$363,817 and \$52,764 for the 1990, 1992 and Ice Storm AAOs. 15 respectively).

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Q. IS IT THE PUBLIC COUNSEL'S RECOMMENDATION THAT THE AAO DEFERRED INCOME TAXES BE INCLUDED AS AN OFFSET TO THE MPS RATE BASE?
A. Yes. The AAO deferred income tax that has not been fully recovered (the Ice Storm AAO is expected to be fully amortized on or about February 1, 2007) should be included as an offset to the MPS rate base since the amounts represent a ratepayer provided costfree source of capital to the Company.

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1	Ш.	SO2 EMISSION ALLOWANCE INVENTORY
2	Q.	WHAT IS THE ISSUE?
3 .	А.	The issue concerns the determination of a reasonable and appropriate amount of SO_2
4		emission allowance investment (i.e., inventory) to include in the MPS and L&P rate
5		bases.
6		
7	Q.	HAS THE PUBLIC COUNSEL DETERMINED WHAT IT BELIEVES ARE
8		REASONABLE AND APPROPRIATE SO ₂ EMISSION ALLOWANCE INVENTORY
9		COSTS TO INCLUDE IN RATE BASE FOR BOTH MPS AND L&P?
10	A.	Yes.
11		
12	Q.	ARE THE INVENTORY COSTS PROPOSED BY OPC BASED ON AN ACTUAL
13		ANNUAL LEVEL OF SO ₂ EMISSION ALLOWANCES REQUIRED RATHER THAN
14		THE RECORDED BOOK COSTS?
15	А.	Yes.
16		
17	Q.	PLEASE EXPLAIN THE PUBLIC COUNSEL'S PROPOSED SO2 EMISSION
18		ALLOWANCE INVENTORY.
19	A.	The Company has recently instituted a policy where it will maintain, and book costs, for
20		an inventory of SO ₂ emission allowances that approximate one to three years of actual
21		need, and it is my understanding that current booked costs exceed one year of actual
22		need. Whereas, Public Counsel believes that the costs associated with the carrying of
23	2 2 2	SO_2 emission allowance inventory that exceeds one year of actual need overburdens
		· · · ·

1		ratepayers unnecessarily. Therefore, I have developed (and recommend that the amounts
2		I have calculated be included in the respective rate bases of MPS and L&P) what I
3		believe represents the approximate level, and associated costs, of SO ₂ emission allowance
4		investment that Company has already purchased, and booked, in order to meet is actual
5		level of annual SO ₂ emission allowance need going forward for one year.
6		
7	Q.	PLEASE IDENTIFY THE COST OF THE MPS AND L&P SO2 EMISSION
8		ALLOWANCE INVENTORY PUBLIC COUNSEL RECOMMENDS BE INCLUDED
9		IN THE DETERMINATION OF THEIR RESPECTIVE RATE BASES.
10	А.	The OPC recommended jurisdictional cost of SO ₂ emission allowance inventory to
11		include in the MPS and L&P rate base is \$4,061,012 and \$1,863,204, respectively. As I
12		stated in the prior Q&A, Public Counsel believes that the inventory costs it recommends
13		represent approximately one year of SO_2 emissions allowances which Company has
14		purchased in order to meet its actual SO_2 emission allowance needs on a going forward
15		basis.
16		

17 Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

A. Yes, it does.

CASE PARTICIPATION OF **TED ROBERTSON**

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Company Name	Case No.
Missouri Public Service Company	GR-90-198
United Telephone Company of Missouri	TR-90-273
Choctaw Telephone Company	TR-91-86
Missouri Cities Water Company	WR-91-172
United Cities Gas Company	GR-91-249
St. Louis County Water Company	WR-91-361
Missouri Cities Water Company	WR-92-207
Imperial Utility Corporation	SR-92-290
Expanded Calling Scopes	TO-92-306
United Cities Gas Company	GR-93-47
Missouri Public Service Company	GR-93-172
Southwestern Bell Telephone Company	TO-93-192
Missouri-American Water Company	WR-93-212
Southwestern Bell Telephone Company	TC-93-224
Imperial Utility Corporation	SR-94-16
St. Joseph Light & Power Company	ER-94-163
Raytown Water Company	WR-94-211
Capital City Water Company	WR-94-297
Raytown Water Company	WR-94-300
St. Louis County Water Company	WR-95-145
United Cities Gas Company	GR-95-160
Missouri-American Water Company	WR-95-205
Laclede Gas Company	GR-96-193
Imperial Utility Corporation	SC-96-427
Missouri Gas Energy	GR-96-285
Union Electric Company	EO-96-14
Union Electric Company	EM-96-149
Missouri-American Water Company	WR-97-237
St. Louis County Water Company	WR-97-382
Union Electric Company	GR-97-393
Missouri Gas Energy	GR-98-140
Laclede Gas Company	GR-98-374
United Water Missouri Inc.	WR-99-326
Laclede Gas Company	GR-99-315
Missouri Gas Energy	GO-99-258
Missouri-American Water Company	WM-2000-222
Atmos Energy Corporation	WM-2000-312
UtiliCorp/St. Joseph Merger	EM-2000-292
UtiliCorp/Empire Merger	EM-2000-369
Union Electric Company	GR-2000-512
St. Louis County Water Company	WR-2000-844
Missouri Gas Energy	GR-2001-292
UtiliCorp United, Inc.	ER-2001-672
Union Electric Company	EC-2002-1
Empire District Electric Company	ER-2002-424
	Schedule TIR-1

Schedule TJR-1.1

CASE PARTICIPATION OF TED ROBERTSON

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Case No.
GM-2003-0238
EF-2003-0465
ER-2004-0034
ER-2004-0570
EO-2005-0156
ER-2005-0436
WR-2006-0250
ER-2006-0315
WC-2007-0038
GR-2006-0422
SO-2007-0071
ER-2007-0004

Schedule TJR-1.2