Exhibit No.: Issues: Revenue Normalization And System Hourly Loads Witness: Robert D. Adkins Sponsoring Party: Aquila Networks-MPS & L&P Case No.: ER-

Before the Public Service Commission of the State of Missouri

Direct Testimony

of

Robert D. Adkins

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BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI DIRECT TESTIMONY OF ROBERT D. ADKINS ON BEHALF OF AQUILA, INC. D/B/A AQUILA NETWORKS-MPS AND AQUILA NETWORKS-L&P CASE NO. ER-____

Q.	Please state your name and business address.
A.	My name is Robert D. Adkins and my business address is 20 West 9 th Street, Kansas
	City, MO, 64105 USA.
Q.	By whom are you employed and in what capacity?
A.	I am employed by Aquila Inc. ("Aquila" or "Company") as the Director-Energy
	Forecasting & Research in the Resource Planning & Commodity Analysis group of the
	Power Generation & Energy Resources business unit.
Q.	Please describe your responsibilities in that position.
A.	I am responsible for (1) directing the development and application of econometric and
	end-use energy forecasting models and databases to weather normalize historical electric
	and gas utility sales, revenue, load research hourly loads, and system hourly loads for
	regulatory cases; (2) forecasts of electric and natural gas utility sales, revenues,
	customers, and system hourly loads; (3) economic forecasts; energy research, market
	forecasts and risk analysis; and (5) supporting resource plans.
Q.	Please describe your educational background.
A.	I hold a Bachelor of Science degree in Electrical Engineering from the University of
	Missouri-Rolla (1974), and a Master of Business Administration degree in Finance from
	the University of Missouri-Kansas City (1979).
Q.	Please describe your professional work experience.
	A. Q. A. Q. A.

1	A.	I have 15 years of experience in energy forecasting with Aquila Inc. I was employed
2		with Aquila Inc as Manager-DSM & Load Forecasting from 1991 to1995, responsible for
3		demand-side management, load forecasting, and load research for the Missouri Public
4		Service division. I was Director-Corporate Forecasting with Aquila Inc from 1995 to
5		2000, responsible for energy forecasting for Aquila's electric and gas utilities in the
6		United States. In late-2000, my title was changed to Director-Energy Forecasting &
7		Research, responsible for energy forecasts for Aquila's electric and gas utilities and load
8		research for electric utilities. Prior to my experience with Aquila Inc I was employed as
9		Director of Planning from 1986 to1991 with Overland Consulting (LMSL Inc) in
10		Overland Park, Kansas, where I worked for 5 years on management audits, civil litigation
11		cases, and served as an expert witness on finance, economics, resource planning, and
12		regulatory issues for electric and natural gas utilities. Prior to that I worked for 7 years
13		with Kansas City Power & Light as a Corporate Planning Engineer from 1979 to1982,
14		and Supervisor-Corporate Modeling from 1983-1985 in the Corporate Planning &
15		Finance Division, responsible for corporate financial forecasts, and supporting financial
16		plans and resource plans. Prior to that I worked with Burns & McDonnell Engineers-
17		Architects from 1975 to 1979 as a Power System Planning Engineer in the Planning &
18		Economics Division, where I was responsible for electric utility load forecasts, power
19		supply plans, and financial forecasts.
20	Q.	Please describe your experience as an expert witness in regulatory proceedings before the
21		Missouri Public Service Commission ("Commission"), and other state and federal
22		regulatory commissions.

1	A.	My experience as an expert witness in energy utility regulatory cases includes the
2		following regarding rates, forecasting, economics, and finance issues:
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		 Kansas City Power & Light: Missouri Public Service Commission, Cases ER-85- 128, EO-85-185 (1985) Centerior Energy: Ohio Public Utilities Commission, Cases 88-170-EL-AIR, 88- 171-EL-AIR (1988) Potomac Electric Power Company: District of Columbia Public Service Commission, Cases 869,766 (1989) Tucson Electric Power: Arizona Corporation Commission, Cases U-1933-88-090, U-1933-88-280 (1988) Century Power Corp: Federal Energy Regulatory Commission, Cases EL89-17- 000, EL89-18-000 (1990) CMS Energy (Consumers Energy): Michigan Public Service Commission, Case U-9507 (1990) UtiliCorp United (Missouri Public Service): Missouri Public Service Commission, Case ER-93-37 (1993) UtiliCorp United (Peoples Natural Gas and Northern Minnesota Utilities): Minnesota Public Utilities Commission, G007,011/GR-00-951 (2000) UtiliCorp United (Missouri Public Service): Missouri Public Service Commission, Case ER-01-672 (2001) Aquila Inc (WestPlains Energy-Kansas): Kansas Corporation Commission, Case No. 04-AQLE-1065-RTS (2004)
23 24		EXECUTIVE SUMMARY
25	Q.	What is the purpose of your direct testimony in this proceeding?
26	A.	The purpose of my direct testimony in this proceeding is to sponsor and recommend that
27		the Commission adopt the weather normalization adjustment to class sales and revenue
28		for Aquila Networks divisions Missouri Public Service ("MPS") and St. Joseph Light &
29		Power ("L&P") as shown on schedules RDA-1 and RDA-2, the customer annualization
30		adjustment shown on schedules RDA-3 and RDA-4, and the weather normalized system
31		hourly loads shown on schedules RDA-5, RDA-6 and RDA-7, for the test year ending
32		December 31, 2005.
33		Company witness Susan Braun uses MPS and L&P weather normalized revenues and
34		customer annualization adjustments in calculating revenue requirements for the test year.

1		Company witness Davis Rooney uses MPS and L&P weather normalized system hourly
2		loads in calculating fuel and purchase power costs for the test year.
3		WEATHER NORMALIZATION OF SALES AND REVENUE
4	Q.	Please provide a description of the methods and models used to calculate the weather-
5		related adjustments to kWh sales for MPS and L&P.
6	A.	These methods and models adjust actual test year kWh sales and revenue for the impacts
7		caused by the variability of weather. Normal weather is based on average daily
8		temperatures over a 30-year historical period (1971-2000), as currently used by the
9		National Oceanic and Atmospheric Administration ("NOAA"). The Electric Power
10		Research Institute ("EPRI") Hourly Electric Load Model ("HELM") was used to
11		calculate the adjustments to weather-sensitive rate class kWh sales for the test year
12		ending December 31, 2005, as follows:
13 14 15 16 17 18 19		MPS: Residential (860-General Service, 870-Space Heat) Small General Service (710-No Demand Meter, 711-Secondary, 716-Primary) Schools & Churches (740-Secondary) Large General Service (720-Secondary, 725-Primary) Large Power Service (730-Secondary, 735-Primary)
20 21 22 23 24 25 26		L&P: Residential (910,911,913,914,915,920,921,922) Small General Service (930,931,932,933,941) Schools & Churches (934) Large General Service (940) Large Power Service (944) HELM estimates the impacts of daily weather for each rate class from daily load profile
27		weather response functions, and billing cycle sales. Weather normalized sales are
28		calculated on a billing month and calendar month (billed and unbilled) basis for each rate
29		class by billing cycle, based on actual and normal weather variables and the weather

30 response functions. Rate class load research profiles for test year ending December 31,

1		2005, were analyzed in HELM's load shape representation tool to optimize the daily
2		weather response functions for MPS and L&P. Although the Staff's method generally
3		does not weather normalize Large Power Service rate classes, I found these Large Power
4		Service rate classes for MPS (730 and 735) and L&P (944) to have a significant weather
5		response, based on the daily weather response factors calculated in HELM using 2005
6		load research data. Actual and normal weather variables were simulated in HELM's
7		billing cycle analysis tool to estimate daily sales by rate class, which are used to allocate
8		billing cycle sales over the period over which sales were recorded. The weather
9		normalization adjustment to kWh sales is calculated as the difference between weather
10		normalized sales and actual sales. Actual and normal daily weather data for Kansas City
11		International airport ("MCI") was used in HELM to calculate weather variables. Normal
12		average daily temperatures over the 1971-2000 period were used in HELM, based on
13		Staff's method in prior electric rate cases for MPS and L&P.
14	Q.	Please describe the results of the weather normalization adjustment to kWh sales for the
15		test year ending December 31, 2005.
16	А.	Schedules RDA-1 and RDA-2 provide the weather normalization adjustment (normal
17		minus actual) to kWh sales for each weather sensitive rate class for MPS and L&P. The
18		total weather normalization adjustment for weather sensitive retail rate classes is a
19		reduction of (98,061,000) kWh for MPS (RDA-1, page 1, line 27, column O) and
20		reduction of (18,716,000) kWh for L&P (RDA-2, page 1, line 27, column O) for the test
21		year ending December 31, 2005. These weather adjustments include unbilled kWh sales
22		adjustments (calendar month sales minus billing month sales) of (26,432,000) kWh for
23		MPS (RDA-1, page 1, line 26, column O) and (10,095,000) kWh for L&P (RDA-2, page

1		1, line 26, column O) for the test year ending December 31, 2005. For the 2005 test
2		year, weather adjustments (normal minus actual) to billed sales were (71,629,000) kWh
3		for MPS (RDA-1, page 1, line 20, column O) and (8,621,000) kWh for L&P (RDA-2,
4		page 1, line 20, column O).
5	Q.	Please describe the method for calculating the weather normalization adjustment to
6		revenue for weather sensitive rate classes.
7	A.	The method used for calculating the weather normalization adjustment for revenue for
8		the test year ending December 31, 2005 for each weather sensitive rate class assumes that
9		weather normalization affects only the weather-sensitive rate class sales, with no effect
10		from customer charges or other fixed charges. The monthly weather adjustment to
11		revenues that corresponds to the monthly weather adjustment to kWh sales was
12		calculated based on the appropriate monthly average rate per kWh, excluding interim
13		energy charges, customer charges and other fixed charges, for the test year ending
14		December 31, 2005.
15	Q.	Please describe the results of the weather normalization adjustment to revenue for the test
16		year ending December 31, 2005.
17	A.	Schedules RDA-1 and RDA-2 provide the weather normalization adjustments (normal
18		minus actual) to revenue for each weather sensitive rate class for MPS and L&P. The
19		total weather normalization adjustment to revenue for weather sensitive retail rate classes
20		is a reduction of (\$6,261,454) for MPS (RDA-1, page 2, line 27, column O) and
21		reduction of (\$1,182,745) for L&P (RDA-2, page 2, line 27, column O) for the test year
22		ending December 31, 2005. These weather adjustments include unbilled revenue
23		adjustments (calendar month revenue minus billing month revenue) of (\$1,044,152) for

1		MPS (RDA-1, page 2, line 26, column O) and (\$398,536) for L&P (RDA-2, page 2, line
2		26, column O) for the test year ending December 31, 2005. For the 2005 test year,
3		weather adjustments (normal minus actual) to billed revenue were (\$5,217,301) for MPS
4		(RDA-1, page 2, line 20, column O) and (\$784,209) for L&P (RDA-2, page 2, line 20,
5		column O).
6		CUSTOMER ANNUALIZATION ADJUSTMENT
7	Q.	Please describe the method for calculating the customer normalization adjustment to
8		revenue for weather sensitive rate classes.
9	A.	The method used for calculating the customer annualization adjustment for revenue for
10		the test year ending December 31, 2005 for each weather sensitive rate class, is based on
11		the same method used by the Staff in the prior MPS and L&P rate cases. Customer
12		annualization adjustment to the test year revenue is made to reflect additional sales and
13		revenue that will occur in the future because of projected growth in the number of
14		customers at year-end December 2005, and annualizing specific large customers. This
15		method is based on dividing the weather normalized monthly rate class revenues by
16		customers, and then multiplying the result by the customer counts at December 2005 to
17		obtain customer annualized revenues. The customer annualization adjustment is the
18		difference between the test year weather normalized revenues and the customer
19		annualized revenues at year-end December 2005 customer levels. Large power service
20		rate classes for MPS (MO730 and MO735), and L&P (MO944) were separately
21		annualized for specific large customers that had partial sales during the 2005 test year.
22		Additional large load adjustments were also made for specific customers as shown at the
23		bottom of schedules RDA-3 and RDA-4 for MPS and L&P, respectively.

Q. Please describe the results of the customer annualization to revenue at December 31,
 2005.

3	A.	Schedules RDA-3 and RDA-4 provide the customer annualization and large load
4		adjustments to revenue for each weather sensitive rate class. The total customer
5		annualization adjustment to revenue for weather sensitive retail rate classes at December
6		2005 is estimated at \$5,945,990 for MPS (RDA-3, line 20, column K) and \$1,621,206 for
7		L&P (RDA-4, line 20, column K). Additional large load adjustments estimated for 2006
8		are \$156,000 for MPS (RDA-3, line 26, column G) on MO735, and \$716,583 for L&P
9		(RDA-4, line 27, column G) on MO944.
10		WEATHER NORMALIZATION OF NET SYSTEM HOURLY LOADS
11	Q.	Please describe the method and data sources used for weather normalizing system hourly
12		loads for MPS and L&P.
13	A.	System hourly loads in MW represent the hourly electric supply requirements for the
14		energy demands of MPS and L&P electric customers and internal needs. Actual system
15		hourly loads for 2005 were weather normalized using HELM, based on system weather
16		response, and adjusted for Customer Annualization and Large Load Adjustments.
17	Q.	Please describe the results of the MPS and L&P weather normalized system hourly loads.
18	A.	Schedule RDA-5 and RDA-6 provide the MPS and L&P weather normalized system
19		hourly loads for 2005, respectively, as adjusted for Customer Annualization and Large
20		Load Adjustments. The 2005 weather normalized net energy for load is estimated at
21		6,129,102 MWH for MPS (RDA-5, line 35, column K) and 2,123,724 MWH for L&P
22		(RDA-6, line 35, column K). The 2005 weather normalized system peak load in July is
23		1445 MW for MPS (RDA-5, line 29, column L) and 415 MW for L&P (RDA-6, line 29,

1		column L). Schedule RDA-7 provides the monthly net energy for load and coincident
2		peak loads for MPS and L&P combined, based on 2005 weather normalized hourly loads,
3		as adjusted for Customer Annualization and Large Load Adjustments. The 2005 weather
4		normalized net energy for load for MPS and L&P combined is 8,252,789 MWH (RDA-7,
5		line 17, column D) and coincident system peak load in July is 1837 MW (RDA-7, line
6		11, column E).
7		RECOMMENDATION
8	Q.	What is your recommendation to the Commission?
9	A.	My recommendation to the Commission is that it should adopt the weather normalization
10		adjustment, customer annualization adjustment and large load adjustment to rate class
11		sales and revenue, and adopt the weather normalized system hourly loads, for MPS and
12		L&P, which I am sponsoring in my testimony.
13	Q.	Does this conclude your direct testimony?
14	A.	Yes, it does.

	Aquila Networks, Missouri Public Service Division Weather Normalization Adjustment Pa Test Year Ending 12/31/05												RDA-1 Page 1 of 2	
Α	В	С	D	Е	F	G	Н		J	к	L	М	Ν	0
1		MWh Sales Adj	justment (No	rmal - Actual)										
2	Billed WN Adj.													
3	Rate Class	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Annual
4	MO860	2,997	2,670	2,420	(266)	459	(9,122)	(6,914)	(4,567)	(21,246)	(20,521)	330	1,569	(52,190)
5	MO870	5,293	5,888	5,464	356	939	(2,991)	(2,239)	(1,616)	(7,628)	(6,353)	3,434	4,510	5,056
6	MO711	1,159	1,811	1,715	(237)	(588)	(2,311)	(1,210)	(1,034)	(4,295)	(4,361)	(292)	334	(9,309)
7	MO716	2	3	1	(2)	(1)	(5)	(1)	(0)	(1)	(1)	0	0	(6)
8	MO720	647	1,590	1,495	(182)	(283)	(1,515)	(575)	(656)	(2,699)	(2,791)	(407)	94	(5,283)
9 10	MO725	(4)	(7)	(5)	(29)	(33)	(86)	(33)	(28)	(141)	(190)	(37)	(7)	(602)
10	MO730 MO735	(43)	624 260	493 200	(191) (354)	(20) (247)	(782) (842)	(147) (148)	(449)	(1,465)	(1,284)	(396) (309)	(65) (53)	(3,725) (5,123)
12	MO735 MO740	<mark>(64)</mark> 99	260 168	181	(354)	(247)	(042)	(148)	(526) (70)	(1,479) (322)	(1,561) (329)	(309)	(53) 31	(5,123) (448)
12	MO740	99	100	101	1	0	(113)	(92)	(70)	(322)	(329)	(9)	31	(440)
14														
15														
16														
17														
18														
19														
20	Billed WN Adj.	10,086	13,008	11,963	(898)	226	(17,769)	(11,359)	(8,946)	(39,276)	(37,390)	2,313	6,413	(71,629)
21	Unbilled Adj:													
22	Residential	9,952	(31,141)	(16,945)	(18,141)	11,276	58,664	32,354	(29,088)	(53,233)	(10,177)	23,642	9,193	(13,643)
23	Commercial	2,447	(11,354)	5,460	(3,814)	4,888	11,101	3,941	(95)	(12,283)	(2,603)	(2,196)	(2,777)	(7,283)
24	Industrial	939	(5,244)	2,256	(1,737)	2,386	4,175	1,612	(36)	(4,807)	(1,144)	(1,024)	(1,165)	(3,790)
25	Other	561	(2,757)	1,348	(925)	1,245	2,796	920	(23)	(3,000)	(673)	(540)	(669)	(1,716)
26	Unbilled Adj.	13,900	(50,496)	(7,881)	(24,617)	19,795	76,737	38,827	(29,243)	(73,322)	(14,596)	19,882	4,582	(26,432)
27	Total WN Adj.	23,985	(37,488)	4,082	(25,515)	20,021	58,968	27,468	(38,188)	(112,598)	(51,987)	22,195	10,995	(98,061)

Aquila Networks, Missouri Public Service Division Weather Normalization Adjustment

Test Year Ending 12/31/05

						10		ing 12/31/	05					
Α	В	С	D	E	F	G	Н	I	J	К	L	М	Ν	0
1		\$ Revenue A	djustment (No	rmal - Actual)										
2	Billed WN Adj.													
3	Rate Class	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Annual
4	MO860	186,064	170,404	156,559	(17,448)	30,269	(678,778)	(520,906)	(344,631)	(1,596,320)	(1,281,292)	21,645	99,186	(3,775,247)
5	MO870	233,586	270,413	263,749	18,434	52,357	(223,754)	(169,115)	(122,069)	(574,578)	(342,586)	189,357	211,196	(193,011)
6	MO711	52,318	84,417	81,631	(11,404)	(28,153)	(145,064)	(75,223)	(64,204)	(266,672)	(205,340)	(14,333)	15,804	(576,223)
7	MO716	77	141	71	(114)	(69)	(312)	(52)	(13)	(64)	(30)	8	1	(357)
8	MO720	25,072	62,392	58,138	(7,188)	(11,043)	(81,825)	(30,620)	(35,008)	(144,414)	(107,225)	(15,983)	3,666	(284,036)
9	MO725	(159)	(256)	(186)	(1,102)	(1,266)	(4,571)	(1,728)	(1,465)	(7,606)	(6,932)	(1,411)	(276)	(26,958)
10	MO730	(1,353)	19,526	15,624	(5,981)	(626)	(31,954)	(5,954)	(18,149)	(58,859)	(40,252)	(12,468)	(2,041)	(142,488)
11	MO735	(1,966)	7,898	6,136	(11,274)	(7,494)	(32,527)	(5,741)	(20,119)	(56,869)	(47,981)	(9,361)	(1,609)	(180,906)
12	MO740	4,945	8,790	9,681	424	20	(8,666)	(7,076)	(5,349)	(24,740)	(17,300)	(517)	1,712	(38,075)
13														
14														
15														
16														
17														
18														
19		100 500	000 700	504 400	(05.050)		(1.007.150)	(010,115)	(011.000)	(0.700.400)		450.007	007.000	(5.047.004)
20	Billed WN Adj.	498,582	623,726	591,403	(35,653)	33,996	(1,207,450)	(816,415)	(611,008)	(2,730,122)	(2,048,937)	156,937	327,639	(5,217,301)
21	Unbilled Adj:													
22	Residential	496,311	(1,671,176)	(916,852)	(1,035,599)	753,497	4,370,716	2,439,227	(2,195,661)	(4,002,448)	(662,016)	1,382,404	456,530	(585,067)
23	Commercial	90,300	(422,791)	156,036	(153,978)	221,127	572,918	241,481	(6,563)	(699,521)	(102,433)	(66,511)	(92,543)	(262,478)
24	Industrial	34,664	(195,268)	64,468	(70,141)	107,928	215,468	98,749	(2,511)	(273,783)	(45,017)	(31,009)	(38,830)	(135,283)
25	Other	20,690	(102,659)	38,513	(37,353)	56,306	144,327	56,393	(1,599)	(170,840)	(26,467)	(16,351)	(22,286)	(61,325)
	Unbilled Adj.	641,965	(2,391,894)	(657,835)	(1,297,071)	1,138,857	5,303,428	2,835,851	(2,206,334)	(5,146,591)	(835,932)	1,268,533	302,871	(1,044,152)
27	Total WN Adj.	1,140,547	(1,768,168)	(66,432)	(1,332,724)	1,172,853	4,095,978	2,019,436	(2,817,342)	(7,876,713)	(2,884,870)	1,425,471	630,511	(6,261,454)

Note: Revenue excludes IEC, demand and customer charges

RDA-1

Page 2 of 2

					1	Weat	works, St her Norma est Year En	lization Ad	justment	r Division				RDA-2 Page 1 of 2
Α	В	С	D	E	F	G	н	- 1	J	к	L	М	Ν	0
1		MWh Sales Ac	ljustment (Nor	mal - Actual)										
2	Billed WN Adj.													
3	Rate Class	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Annual
4	MO910	770	897	876	(23)	(216)	(1,585)	(1,534)	(959)	(4,357)	(4,180)	(94)	437	(9,968)
5	MO911	5	7	5	(0)	(1)	(21)	(7)	(9)	(34)	(31)	3	2	(81)
6	MO913	244	311	301	13	(48)	(359)	(285)	(190)	(835)	(758)	132	189	(1,286)
7	MO914	0	0	0	0	(0)	(0)	(0)	(0)	(1)	(1)	0	0	(1)
8	MO915	24	20	17	0	(1)	(14)	(16)	(8)	(41)	(76)	2	21	(73)
9	MO920	2,603	3,382	3,119	206	143	(556)	(523)	(401)	(1,596)	(1,152)	1,363	1,450	8,038
10	MO921	65	69	86	4	7	(12)	(13)	(6)	(29)	(29)	20	37	199
11	MO922	4	6	5	0	0	(1)	(1)	(1)	(3)	(1)	2	2	12
12	MO930	80	104	83	(7)	(15)	(70)	(39)	(34)	(132)	(139)	11	33	(126)
13	MO931	127	166	157	(14)	(34)	(168)	(95)	(79)	(319)	(315)	23	64	(486)
14	MO932	19	25	18	(1)	(3)	(12)	(7)	(5)	(19)	(17)	2	6	6
15	MO933	87	118	100	(7)	(15)	(65)	(36)	(29)	(118)	(123)	10	36	(43)
16	MO934	12	17	18	(1)	(3)	(13)	(11)	(7)	(32)	(33)	1	7	(45)
17	MO940	651	877	969	75	(65)	(746)	(409)	(304)	(1,253)	(1,503)	(112)	131	(1,689)
18	MO941	6	10	10	1	(0)	(3)	(2)	(1)	(6)	(8)	(1)	1	7
19	MO944	99	439	422	(183)	(138)	(539)	(174)	(300)	(1,155)	(879)	(518)	(158)	(3,084)
20	Billed WN Adj.	4,795	6,447	6,188	62	(389)	(4,164)	(3,153)	(2,335)	(9,931)	(9,245)	846	2,257	(8,621)
21	Unbilled Adj.													
22	Residential	1,174	(8,310)	(7,924)	(6,858)	551	12,643	7,285	(6,457)	(12,655)	1,635	9,384	2,032	(7,501)
23	Commercial	194	(3,659)	(1,243)	(987)	1,995	3,184	2,469	(543)	(4,344)	(839)	624	(792)	(3,943)
24	Industrial	2,796	(666)	706	(657)	2,268	861	639	1,631	(3,955)	737	(1,965)	(1,049)	1,349
25	Other	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Unbilled Adj.	4,164	(12,635)	(8,461)	(8,502)	4,814	16,688	10,392	(5,369)	(20,954)	1,533	8,044	191	(10,095)
27	Total WN Adj.	8,959	(6,187)	(2,273)	(8,440)	4,424	12,524	7,239	(7,705)	(30,884)	(7,711)	8,890	2,448	(18,716)

						Weat	works, St. Je ther Normal st Year End	lization Ad	ljustment	[.] Division				RDA-2 Page 2 of 2
Α	В	С	D	Е	F	G	Н	l	J	к	L	м	Ν	ο
1		\$ Revenue Adj	iustment (Nor	mal - Actual)										
2	Billed WN Adj.		, ,	,										
3	Rate Class	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Annual
4	MO910	40,595	48,516	47,838	(1,286)	(12,066)	(105,267)	(101,889)	(63,655)	(289,268)	(224,615)	(5,225)	23,368	(642,954)
5	MO911	297	420	304	(29)	(80)	(1,356)	(444)	(621)	(2,337)	(1,815)	199	89	(5,371)
6	MO913	10,808	14,199	13,939	619	(2,336)	(23,819)	(18,942)	(12,622)	(55,418)	(35,746)	6,308	8,597	(94,412)
7	MO914	9	9	14	0	(1)	(12)	(14)	(8)	(60)	(45)	4	11	(94)
8	MO915	1,705	1,379	1,181	32	(91)	(1,375)	(1,583)	(786)	(3,941)	(5,390)	142	1,480	(7,245)
9	MO920	91,117	120,656	113,863	7,849	5,687	(36,909)	(34,744)	(26,603)	(105,981)	(46,073)	53,559	52,105	194,524
10	MO921	2,568	2,812	3,578	173	289	(776)	(861)	(431)	(1,935)	(1,238)	863	1,573	6,615
11	MO922	145	211	164	14	5	(66)	(56)	(65)	(199)	(53)	74	72	246
12	MO930	5,144	6,656	5,320	(475)	(946)	(6,280)	(3,469)	(3,035)	(11,819)	(8,995)	717	2,110	(15,072)
13	MO931	5,845	7,753	7,350	(678)	(1,601)	(11,321)	(6,275)	(5,217)	(21,157)	(14,820)	1,084	2,956	(36,078)
14	MO932	1,191	1,599	1,125	(69)	(177)	(1,034)	(602)	(458)	(1,697)	(1,087)	157	371	(681)
15	MO933	3,611	4,993	4,336	(324)	(676)	(4,421)	(2,356)	(1,933)	(7,852)	(5,450)	446	1,550	(8,076)
16	MO934	770	1,077	1,167	(64)	(172)	(1,174)	(1,023)	(648)	(2,867)	(2,096)	89	433	(4,508)
17	MO940	21,440	29,147	32,137	2,510	(2,152)	(32,530)	(17,788)	(13,114)	(54,367)	(50,747)	(3,736)	4,350	(84,850)
18	MO941	202	373	373	28	(10)	(280)	(216)	(124)	(507)	(284)	(20)	48	(416)
19	MO944	2,524	11,127	10,706	(4,640)	(3,512)	(15,851)	(5,032)	(8,681)	(33,445)	(21,932)	(13,108)	(3,993)	(85,837)
20	Billed WN Adj.	187,970	250,929	243,394	3,659	(17,836)	(242,471)	(195,296)	(138,000)	(592,850)	(420,385)	41,555	95,121	(784,209)
21	Unbilled Adj.													
22	Residential	22,385	(348,690)	(332,841)	(301,898)	52,657	847,059	490,755	(433,473)	(842,641)	59,020	405,475	85,304	(296,889)
23	Commercial	9,921	(140,765)	(47,934)	(46,008)	73,146	179,253	125,441	(36,793)	(227,095)	(31,588)	33,974	(24,748)	(133,195)
24	Industrial	70,973	(16,866)	17,925	(16,699)	57,557	25,318	18,499	47,197	(114,471)	18,396	(49,743)	(26,539)	31,548
25	Other	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Unbilled Adj.	103,280	(506,321)	(362,850)	(364,605)	183,360	1,051,630	634,695	(423,069)	(1,184,208)	45,828	389,706	34,017	(398,536)
27	Total WN Adj.	291,249	(255,391)	(119,455)	(360,946)	165,524	809,159	439,400	(561,069)	(1,777,057)	(374,557)	431,260	129,138	(1,182,745)

Note: Revenue excludes IEC, demand and customer charges

Aquila Networks, Missouri Public Service Division Customer Annualization Adjustment Test Year Ending 12/31/05

Α	В	С	D	Е	F		G	н		I	J	к	L
1		Test Year	Year-End		Revenue		Year-End			Test Year		Year-End	Year-End
2		2005 Avg.	Dec-05		Per		Dec-05			12/31/05		Dec-05	Dec-05
3	Rate Class	Customers	Customers		Customer		Revenue		1	WN Revenue		Cust Adj.Rev.	CustAdj.MWh
4	MO860	146,586	146,460		\$ 855	\$	125,282,979		\$	125,449,838		(166,859)	(1,650)
5	MO870	54,854	58,046		\$ 1,077	\$	62,536,194		\$	58,948,709		3,587,485	62,095
6	MO711	26,993	27,178		\$ 1,844	\$	50,124,916		\$	49,868,209		256,707	4,927
7	MO716	6	4		\$ 7,146	\$	28,585		\$	45,284		(16,699)	(299)
8	MO720	1,156	1,175		\$ 36,888	\$	43,343,489		\$	42,655,665		687,823	13,465
9	MO725	24	24		\$ 67,825	\$	1,627,810		\$	1,643,744		(15,934)	(250)
10	MO730	116	116		\$ 242,653	\$	28,208,355	*	\$	26,508,933		1,699,422	39,554
11	MO735	36	36		\$ 750,358	\$	26,887,834	*	\$	26,955,059		(67,226)	(1,014)
12	MO740	782	774		\$ 2,558	\$	1,979,558		\$	1,998,288		(18,730)	(288)
13													
14													
15													
16													
17													
18													
19					^				<u>^</u>			• • • • • • • • • • • • • • • • • •	
20	Total	230,553	233,813		\$ 1,454	. ·	340,019,719		\$	334,073,730		\$ 5,945,990	116,541
21				ner An	nualization adjustm	ents	for specific cus	tomers	end	ling/beginning se	rvice dui	ring test year 2005.	
22		justments (2006)	,										
23		Customer Name	9		Opr. Date	Re	venue		Αvę	g RevKwh\$	LF%	Peak MW	Annual MWh
24		Banta			Oct-06	\$	75,000		\$	0.0417	50%	0.411	1,800
25	MO735	KCI Parking Improvements			Oct-06	\$	81,000		\$	0.0450	50%	0.411	1,800
26	Total						156,000					0.822	3,600

Aquila Networks, St. Joseph Light & Power Division Customer Annualization Adjustment

Customer Annualization Adjustment Test Year Ending 12/31/05

Α	В	С	D	Е		F		G	Н		I	J	К	L
1		Test Year	Year-End		Re	evenue		Year-End			Test Year		Year-End	Year-End
2		2005 Avg.	Dec-05			Per		Dec-05			12/31/2005		Dec-05	Dec-05
3	Rate Class	Customers	Customers		Cu	stomer		Revenue		v	VN Revenue		Cust Adj.Rev.	CustAdj.MWh
4	MO910	32,043	31,604		\$	648	\$	20,469,236		\$	20,730,498		(261,262)	(4,009)
5	MO911	76	74		\$	2,388	\$	176,685		\$	181,197		(4,512)	(59)
6	MO913	6,780	6,652		\$	762	\$	5,070,720		\$	5,164,846		(94,125)	(1,650)
7	MO914	4	4		\$	1,151	\$	4,604		\$	4,604		0	0
8	MO915	1,715	1,756		\$	346	\$	607,342		\$	594,009		13,334	131
9	MO920	16,011	16,371		\$	978	\$	16,009,911		\$	15,632,781		377,130	8,116
10	MO921	58	58		\$	6,744	\$	391,181		\$	389,995		1,186	22
11	MO922	90	89		\$	308	\$	27,381		\$	27,734		(352)	(8)
12	MO930	3,193	3,218		\$	665	\$	2,140,039		\$	2,124,479		15,560	175
13	MO931	1,507	1,525		\$	2,190	\$	3,339,952		\$	3,303,087		36,865	549
14	MO932	288	289		\$	1,190	\$	343,994		\$	342,701		1,293	21
15	MO933	627	627		\$	2,307	\$	1,446,257		\$	1,445,048		1,209	(5)
16	MO934	313	309		\$	1,250	\$	386,123		\$	391,072		(4,949)	(60)
17	MO940	1,130	1,143		\$	16,323	\$	18,656,719		\$	18,457,802		198,917	4,269
18	MO941	103	100		\$	1,379	\$	137,890		\$	141,197		(3,307)	(62)
19	MO944	60	59		\$	451,378	\$	26,631,308	*	\$	25,287,089		1,344,219	
20	Total	63,996	63,878		\$	1,500	\$	95,839,344		\$	94,218,138		1,621,206	54,006
21	* Note: Rate MC	944 reflects Cus	tomer Annualiza	ation a	djustme	nts for speci	ific c	customers ending/	/begin	ning	service during	test year	r 2005.	
22	Large Load Adj	justments (2006)):											
23	Rate Class	Customer Name	e		Opr. D	ate	Re	venue		Avç	g RevKwh\$	LF%	Peak MW	Annual MWh
24	MO944	Triumph Foods			Oct-06		\$	614,583		\$	0.0417	50%	3.368	14,750
25	MO944	Lifeline			Oct-06		\$	72,000		\$	0.0400	50%	0.411	1,800
26	MO944	Kawasaki			Oct-06		\$	30,000		\$	0.0429	50%	0.160	700
27	Total						\$	716,583		\$	0.0415	50%	3.9	17,250

Aquila Networks-Missouri, Missouri Public ServiceDivision 2005 Actual and Weather Normalized System Hourly Loads

Α	В	С	D	Е	F	G	ні	J	κ	L	М	Ν	О Р	Q	R	S	т
1	MPS-Syste	m Net L	oad (Actual)				MPS-Syste	m Net L	oad (Weathe	er Normal)			MPS-Weath	er Normal	Ad	ljustment (V	VNA)
2	Coincident	with Sys	tem Actual P	eak			Coincident	with Syst	tem Normal F	Peak			(Normal-	Actual)		WNA %	Actual
3	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour	NEL_Mwh	PeakMW		NEL_Mwh	PeakMW
4	01/06/05	1	529,928	937	6	19	01/15/05	1	542,601	992	15	19	12,673	55		2.4%	5.9%
5	02/08/05	2	431,280	875	8	19	02/10/05	2	455,139	969	10	19	23,859	94		5.5%	10.7%
6	03/22/05	3	448,654	791	22	19	03/01/05	3	450,550	878	1	19	1,896	87		0.4%	11.0%
7	04/21/05	4	397,431	749	21	17	04/20/05	4	394,502	815	20	18	(2,929)	66		-0.7%	8.8%
8	05/23/05	5	452,943	1,019	23	18	05/23/05	5	438,878	1,032	23	18	(14,065)	13		-3.1%	1.3%
9	06/27/05	6	578,209	578,209 1,317 27 17			06/28/05	6	550,991	1,232	28	17	(27,218)	(85)		-4.7%	-6.5%
10	07/22/05	7	663,340	1,422	22	17	07/22/05	7	661,074	1,417	22	17	(2,266)	(5)		-0.3%	-0.4%
11	08/10/05	8	642,730	1,403	10	18	08/03/05	8	620,834	1,389	3	17	(21,896)	(14)		-3.4%	-1.0%
12	09/09/05	9	542,469	1,199	9	17	09/12/05	9	487,436	1,200	12	17	(55,033)	1		-10.1%	0.1%
13	10/04/05	10	442,250	1,073	4	16	10/04/05	10	421,542	960	4	18	(20,708)	(113)		-4.7%	-10.5%
14	11/28/05	11	438,138	906	28	19	11/17/05	11	450,688	857	17	19	12,550	(49)		2.9%	-5.4%
15	12/07/05	12	539,057	1,048	7	19	12/09/05	12	534,383	1,018	9	19	(4,674)	(30)		-0.9%	-2.9%
16	Year	2005	005 6,106,429 1,422				Year	2005	6,008,618	1,417			(97,811)	(5)		-1.6%	-0.4%
17	Load Facto	or		48.89%			Load Facto	or		48.27%							

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19 2005 Scaled WN System Hourly Loads with Customer Annualization and Large Load Adjustments 20 MPS System Net Load (Actual) MPS-System Net Load (CustAnn/Large Load

20	MPS-Syste	m Net L	.oad (Actual)))			MPS-Syste	m Net L	oad (CustAr	nn/Large L	oad A	dj.)	MPS-WN A	dj, Cust.Ann.	, Large Load	l Adj.
21	Coincident	with Sys	tem Actual P	eak			Coincident	with Sys	tem Normal F	Peak			(Normal-	Actual)	% Ac	tual
22	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour	NEL_Mwh	PeakMW	NEL_Mwh	PeakMW
23	01/06/05	1	529,928	937	6	19	01/15/05	1	553,768	1,012	15	19	23,840	75	4.5%	8.0%
24	02/08/05	2	431,280	875	8	19	02/10/05	2	465,161	990	10	19	33,881	115	7.9%	13.2%
25	03/22/05	3	448,654	791	22	19	03/01/05	3	459,630	896	1	19	10,976	105	2.4%	13.2%
26	04/21/05	4	397,431	749	21	17	04/20/05	4	402,972	832	20	18	5,541	83	1.4%	11.1%
27	05/23/05	5	452,943	1,019	23	18	05/23/05	5	447,242	1,052	23	18	(5,701)	33	-1.3%	3.2%
28	06/27/05	6	578,209	1,317	27	17	06/28/05	6	560,323	1,246	28	17	(17,886)	(71)	-3.1%	-5.4%
29	07/22/05	7	663,340	1,422	22	17	07/22/05	7	673,430	1,445	22	17	10,090	23	1.5%	1.6%
30	08/10/05	8	642,730	1,403	10	18	08/03/05	8	633,845	1,418	3	17	(8,885)	15	-1.4%	1.1%
31	09/09/05	9	542,469	1,199	9	17	09/12/05	9	498,671	1,228	12	17	(43,798)	29	-8.1%	2.4%
32	10/04/05	10	442,250	1,073	4	16	10/04/05	10	430,546	981	4	18	(11,704)	(92)	-2.6%	-8.6%
33	11/28/05	11	438,138	906	28	19	11/17/05	11	459,035	873	17	19	20,897	(33)	4.8%	-3.7%
34	12/07/05	12	539,057	1,048	7	19	12/09/05	12	544,480	1,037	9	19	5,423	(11)	1.0%	-1.0%
35	Year 2005 6,106,429 1,422						Year	2005	6,129,102	1,445			22,673	23	0.4%	1.6%
20	Land Casta			40.000/			Lasd Casts			40.000/						

48.29%

36 Load Factor

Load Factor

48.89%

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Aquila Networks-Missouri, St. Joseph Light & Power Division 2005 Actual and Weather Normalized System Hourly Loads

Α	в	С	D	Е	F	G	н	1	J	к	L	м	Ν	ο	Р	Q	R	S	т
1	SJD-System	m Net L	.oad (Actua	l)			SJI	D-Syste	m Net L	oad (Weathe	er Normal)				SJD-Weath	er Normal	Ad	justment (W	/NA)
2	Coincident	with Sys	stem Actual	Peak			Coi	ncident	with Sys	tem Normal	Peak				(Normal-	Actual)		WNA %	Actual
3	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour	Da	tePeak	Month	NEL_MWh	PeakMW	Day	Hour		NEL_Mwh	PeakMW		NEL_Mwh	PeakMW
4	01/14/05	1	197,011	357	14	8	01	/07/05	1	202,006	377	7	8		4,995	20		2.5%	5.5%
5	02/08/05	2	155,928	323	8	8	02	2/10/05	2	165,715	362	10	8		9,787	39		6.3%	12.1%
6	03/01/05	3	159,874	299	1	8	03	8/01/05	3	160,800	322	1	8		926	23		0.6%	7.7%
7	04/28/05	4	138,324	242	28	11	04	/27/05	4	138,834	251	27	8		510	9		0.4%	3.6%
8	05/23/05	5	147,759	287	23	17	05	5/23/05	5	144,545	298	23	17		(3,214)	11		-2.2%	3.8%
9	06/27/05	6	181,534	392	27	16	06	6/28/05	6	174,898	364	28	17		(6,636)	(28)		-3.7%	-7.1%
10	07/20/05	7	204,534	409	20	17	07	/20/05	7	203,923	407	20	17		(611)	(2)		-0.3%	-0.5%
11	08/03/05	8	198,457	403	3	18	08	3/03/05	8	192,641	402	3	16		(5,816)	(1)		-2.9%	-0.4%
12	09/09/05	9	172,600	350	9	17	09	/12/05	9	158,819	356	12	17		(13,781)	6		-8.0%	1.6%
13	10/04/05	10	155,942	336	4	15	10	/04/05	10	150,291	277	4	14		(5,651)	(59)		-3.6%	-17.5%
14	11/29/05	11	157,148	308	29	19	11	/17/05	11	163,035	316	17	8		5,887	8		3.7%	2.7%
15	12/07/05	12	197,922	374	7	19	12	2/09/05	12	195,996	383	9	8		(1,926)	9		-1.0%	2.4%
16	Year	2005	2,067,033	409			`	Year	2005	2,051,503	407				(15,530)	(2)		-0.8%	-0.5%
17	Load Facto	or		57.53%			Loa	ad Facto	or		57.38%								
18																			
19	2005 Scale	d WN S	System Hou	rly Loads v	with C	ustome	er Ann	nualizati	on and	Large Load	Adjustmer	nts							
20			.oad (Actua	,				-		oad (w/Cust	-	Load	Adj.)		SJD-WN Ac	lj, Cust.Ar	<u>n.,</u>	Large Load	Adj.
21			stem Actual							tem Normal					(Normal-	· /		% Ac	
22		Month	NEL_MWh		Day	Hour	_		Month	NEL_MWh		Day	Hour		NEL_Mwh			NEL_Mwh	PeakMW
23	01/14/05	1	197,011	357	14	8	•	/07/05	1	208,850	389	7	8		11,839	32		6.0%	9.1%
24	02/08/05	2	155,928	323	8	8	-	2/10/05	2	171,973	376	10	8		16,045	53		10.3%	16.3%
25	03/01/05	3	159,874	299	1	8		8/01/05	3	166,868	334	1	8		6,994	35		4.4%	11.8%
26	04/28/05	4	138,324	242	28	11	04	/27/05	4	144,278	261	27	8		5,954	19		4.3%	7.7%

20	SJD-Syster	m Net L	.oad (Actua	l)			SJD-Syste	m Net L	oad (w/Cust	Ann/Large	Load	Adj.)	SJD-WN Ac	lj, Cust.Ann	., Large Loa	ld Adj.
21	Coincident	with Sys	stem Actual I	Peak			Coincident	with Sys	tem Normal I	Peak			(Normal-	Actual)	%/	Actual
22	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour	NEL_Mwh	PeakMW	NEL_Mw	h PeakMW
23	01/14/05	1	197,011	357	14	8	01/07/05	1	208,850	389	7	8	11,839	32	6.0%	6 9.1%
24	02/08/05	2	155,928	323	8	8	02/10/05	2	171,973	376	10	8	16,045	53	10.3%	6 16.3%
25	03/01/05	3	159,874	299	1	8	03/01/05	3	166,868	334	1	8	6,994	35	4.49	6 11.8%
26	04/28/05	4	138,324	242	28	11	04/27/05	4	144,278	261	27	8	5,954	19	4.30	6 7.7%
27	05/23/05	5	147,759	287	23	17	05/23/05	5	149,819	309	23	17	2,060	22	1.49	6 7.6%
28	06/27/05	6	181,534	392	27	16	06/27/05	6	180,507	374	27	17	(1,027)	(18)	-0.6%	6 -4.5%
29	07/20/05	7	204,534	409	20	17	07/20/05	7	210,280	415	20	17	5,746	6	2.8%	6 1.5%
30	08/03/05	8	198,457	403	3	18	08/03/05	8	199,480	413	3	16	1,023	10	0.5%	6 2.5%
31	09/09/05	9	172,600	350	9	17	09/12/05	9	165,071	370	12	17	(7,529)	20	-4.49	6 5.6%
32	10/04/05	10	155,942	336	4	15	10/04/05	10	155,788	287	4	14	(154)	(49)	-0.19	6 -14.5%
33	11/29/05	11	157,148	308	29	19	11/17/05	11	168,465	327	17	8	11,317	19	7.2%	6.1%
34	12/07/05	12	197,922	374	7	19	12/09/05	12	202,343	395	9	8	4,421	21	2.20	6 5.7%
35	Year 12 2,067,033 409						Year	12	2,123,724	415			56,691	6	2.7%	6 1.5%
36	Load Facto	or		57.53%			Load Facto	or		58.26%						

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Schedule RDA-6 Page 1 of 1

Aquila Networks-Missouri 2005 Weather Normalized System Hourly Loads

Α	в	С	D	Е	F	G H	I I	J	к	L	м	N	О Р	Q	R	S	т	U
1	2005 Scale	d WN S	ystem Hour	ly Loads w	ith Cu	stomer A	Annualizatio	n and L	arge Load A	djustment	s							
2	MO Joint-S	ystem I	Net Load (C	ust.Ann. De	ec-200	5)	MPS-Syste	m Net l	Load (Cust.A	nn. Dec-20	005)		SJD-Syster	n Net L	oad (Cust.A	nn. Dec-20	05)	
3	Coincident S	System	Normal Peak	(MPS+SJE	D)		Noncoincid	ent Syst	tem Normal F	Peak (MPS)			Noncoincide	ent Syste	em Normal P	eak (SJD)		
4	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour	DatePeak	Month	NEL_MWh	PeakMW	Day	Hour
5	01/07/05	1	762,605	1,380	7	19	01/15/05	1	553,759	1,012	15	19	01/07/05	1	208,846	389	7	8
6	02/10/05	2	637,164	1,347	10	19	02/10/05	2	465,181	990	10	19	02/10/05	2	171,983	376	10	8
7	03/01/05	3	626,441	1,214	1	19	03/01/05	3	459,596	896	1	19	03/01/05	3	166,845	334	1	8
8	04/20/05	4	547,244	1,082	20	18	04/20/05	4	402,968	832	20	18	04/27/05	4	144,276	261	27	8
9	05/23/05	5	597,054	1,358	23	18	05/23/05	5	447,245	1,052	23	18	05/23/05	5	149,809	309	23	17
10	06/28/05	6	740,726	1,620	28	17	06/28/05	6	560,236	1,246	28	17	06/28/05	6	180,490	374	28	17
11	07/22/05	7	883,822	1,837	22	17	07/22/05	7	673,515	1,445	22	17	07/20/05	7	210,307	415	20	17
12	08/03/05	8	833,298	1,826	3	17	08/03/05	8	633,814	1,418	3	17	08/03/05	8	199,484	413	3	16
13	09/12/05	9	663,740	1,598	12	17	09/12/05	9	498,673	1,228	12	17	09/12/05	9	165,067	370	12	17
14	10/04/05	10	586,362	1,263	4	18	10/04/05	10	430,576	981	4	18	10/04/05	10	155,786	287	4	14
15	11/17/05	11	627,521	1,184	17	19	11/17/05	11	459,039	873	17	19	11/17/05	11	168,482	327	17	8
16	12/09/05	12	746,812	1,413	9	19	12/09/05	12	544,484	1,037	9	19	12/09/05	12	202,328	395	9	8
17	2005	Year	8,252,789	1,837	22	17	2005	Year	6,129,086	1,445	22	17	2005	Year	2,123,703	415	20	17
18	Load Fact	or		51.28%			Load Fact	tor		48.42%			Load Fact	or		58.42%		

BEFORE THE PUBLIC SERVICE COMMISSION **OF THE STATE OF MISSOURI**

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In the matter of Aquila, Inc. d/b/a Aquila Networks-MPS and Aquila Networks-L&P, for authority to file tariffs increasing electric rates for the service provided to customers in the Aquila Networks-MPS and Aquila Networks-L&P area

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Case No. ER-

County of Jackson) State of Missouri)

AFFIDAVIT OF ROBERT D. ADKINS

Robert D. Adkins, being first duly sworn, deposes and says that he is the witness who sponsors the accompanying testimony entitled "Direct Testimony of Robert D. Adkins;" that said testimony was prepared by him and under his direction and supervision; that if inquiries were made as to the facts in said testimony and schedules, he would respond as therein set forth; and that the aforesaid testimony and schedules are true and correct to the best of his knowledge, information, and belief.

Out 10, allin

Robert D. Adkins

Subscribed and sworn to before me this <u>Ind</u> day of 2006.

Notary Public

Terry D. Lutes

My Commission expires:

8-20-2008



TERRY D. LUTES Jackson County My Commission Expires August 20, 2008