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STATE OF KANSAS

by
State Corporation Commission
of Kansas

BEFORE THE KANSAS CORPORATION COMMISSION

Application for Revised Rates, Tariffs, and Rate Design Changes

of

Mid-Kansas Electric Company, LLC

Docket No. 12-MKEE-491-RTS

January 30, 2012

PREFILED DIRECT TESTIMONY

RICHARD J. MACKE

**VICE PRESIDENT, ECONOMICS, RATES, AND BUSINESS PLANNING
POWER SYSTEM ENGINEERING, INC.**

ON BEHALF OF

MID-KANSAS ELECTRIC COMPANY, LLC

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1 Data Acquisition (“SCADA”), Demand Side Management (“DSM”), metering, and outage
2 management systems.

3
4 **Q. Please describe your responsibilities with PSE.**

5 A. I lead and direct staff in Indiana, Minnesota, and Wisconsin that provide economic,
6 financial, and rate-related consulting services predominantly to electric cooperative and
7 municipal utilities. These services include:

- 8 • Cost of Service Studies;
- 9 • Capital Credit Allocations;
- 10 • Demand Response;
- 11 • Distributed Generation Rates;
- 12 • Energy Efficiency;
- 13 • Financial Forecasting;
- 14 • Individual Customer Profitability;
- 15 • Large Power Contract Rates/Proposals;
- 16 • Line Extension Policies/Charges;
- 17 • Load Management Analysis;
- 18 • Load Forecasting;
- 19 • Market and Load Research;
- 20 • Merger Analysis;
- 21 • Other Economic Studies;
- 22 • Pole Attachment Charges;
- 23 • Power Cost Adjustments;
- 24 • Rate Consolidation;
- 25 • Retail Rate Design and Analysis;
- Special Fees and Charges;
- Statistical Performance Measurement (Benchmarking); and
- Value of Service.

15 **Q. What is your educational background?**

16 A. I graduated from Bethel University in St. Paul, Minnesota in 1996 with a Bachelor of Arts
17 degree in Business, which included an emphasis in Finance and Marketing. In 2007, I
18 received my Masters of Business Administration degree, with an emphasis in Finance and
19 Strategic Management, from the University of Minnesota in Minneapolis, Minnesota.

21 **Q. What is your professional background?**

22 A. From 1996 to 1998, I was employed by PSE in its Blaine, Minnesota office as a Financial
23 Analyst in the Utility Planning and Rates Department. My work responsibilities primarily
24 were focused on retail rate studies, including revenue requirements and
25

1 bundled/unbundled COS studies. I also provided analysis used to support testimony,
2 mergers and acquisitions analysis, and financial forecasting.

3
4 From 1998 to 1999, I was employed as a Senior Analyst by Energy & Resource
5 Consulting Group, LLC in Denver, Colorado, a financial, engineering and management
6 consulting firm. I performed consulting services related to electric, gas and water rate
7 studies. As part of the Legend Consulting Advisor Team contracted to the City Council of
8 the City of New Orleans, Louisiana, I assisted in various electric and gas utility matters. I
9 also provided general financial, management and public policy support to clients.

10
11 I rejoined PSE in 1999; and from 1999 to 2002, I held the position of Rate and Financial
12 Analyst in the Rates and Financial Planning Department. From 2002 to March 2008, I
13 held the position of Senior Rate and Financial Analyst in the Utility Planning and Rate
14 Division. My responsibilities have included performing complex financial analyses, such
15 as rate studies consisting of determination of revenue requirements, bundled and
16 unbundled COS analysis and rate design. Other responsibilities included performing
17 analysis of special rates and programs, key account analyses, financial forecasting, merger
18 and acquisition analysis, activity-based costing, policy development and evaluation and
19 other financial analyses for various PSE clients. Additional responsibilities included
20 strategic planning, litigation support, regulatory compliance, capital expenditure and
21 operational assessments and advisement. From April 2008 to June 2010, I held the
22 position of Leader, Rates and Financial Planning. In July 2010, my title changed to Vice
23 President, Rates and Financial Planning. Since June 2011, I have held the position of Vice
24 President, Economics, Rates, and Business Planning. In this capacity, I continue to
25

1 provide, amongst other things: 1) rate, financial, and economic consulting services to
2 clients, 2) management and leadership to the Economics, Rates, and Business Planning
3 Department and 3) management and leadership at the corporate level to PSE through
4 participation on the Executive Committee and Board of Directors.

5
6 **Q. Have you previously presented testimony before the Kansas Corporation**
7 **Commission (“KCC” or “Commission”) relative to rate change applications?**

8 A. Yes. I submitted testimony on behalf of: Pioneer Electric Cooperative, Inc. in Docket No.
9 09-PNRE-563-RTS; Wheatland Electric Cooperative, Inc. in Docket No. 09-WHLE-681-
10 RTS; Mid-Kansas Electric Company, LLC in Docket No. 09-MKEE-969-RTS; and Mid-
11 Kansas Electric Company, LLC. in Docket No. 11-MKEE-439-RTS.

12
13 **Q. Do you have any other rate related experience?**

14 A. Yes. I have directed well over 100 rate and COS studies and numerous other rate and
15 financial related projects. Many times these projects were conducted for self-regulated
16 electric utilities. I have also performed such analysis which was filed in regulated rate
17 cases on behalf of cooperatives in Iowa, Kansas, Michigan, Minnesota, New Hampshire,
18 and Texas.

19
20 I have also conducted seminars and made presentations to utilities, consumers, and
21 industry groups on a variety of topics including: COS, rate change communications, line
22 extension policies, mergers and acquisitions, DSM, conservation and energy efficiency,
23 industry trends, and rate design strategic planning.

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PART II - INTRODUCTION

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

A. The purpose of my testimony is to present my analysis of Mid-Kansas Electric Company, LLC's ("Mid-Kansas") retail revenue requirements, class COS study, and proposed rates for the Western Cooperative Electric Association, Inc. ("Western") division.

Q. Please describe Mid-Kansas' Western division.

A. The Aquila, Inc. ("Aquila") electric system in Western Kansas was acquired by Mid-Kansas and is now served in part under contracts with its six distribution Member-System owners. The Western division refers to the area acquired by Mid-Kansas that is served at the distribution level by Western. My testimony and analysis is structured around evaluating retail rates and costs for service to customers in the geographical area of Mid-Kansas' certificated territory served by Western given the unique characteristics of that portion of that area.

Q. What are Mid-Kansas' objectives in filing this rate application?

The first objective is financial. Western's present rates are not producing adequate margins. The second objective of this rate application is to modify rate design to ensure fair and equitable recovery of costs by rate class and rate components. A COS study has been completed and is being submitted by Mid-Kansas for the Western division. Using the COS study results in determining the proposed rate design will ensure that cost recovery is achieved in a way that is fair and equitable between and within the various rate classes.

1 **Q. Are you sponsoring any exhibits?**

2 A. Yes. I have included the following exhibits detailing the analysis completed:

- 3 Exhibit __ (RJM-WE-1) - Curriculum Vitae - Richard J. Macke
- 4 Exhibit __ (RJM-WE-2) - Statement of Operations - Present Rates
- 5 Exhibit __ (RJM-WE-3) - Revenue Requirements
- 6 Exhibit __ (RJM-WE-4) - Cost of Service Analysis
- 7 Exhibit __ (RJM-WE-5) - Local Access Charge Cost of Service Analysis
- 8 Exhibit __ (RJM-WE-6) - Statement of Operations - Proposed Rates
- 9 Exhibit __ (RJM-WE-7) - Comparison of Present and Proposed Rate Schedules Phase 1
- 10 Exhibit __ (RJM-WE-8) - Present Rate Schedules
- 11 Exhibit __ (RJM-WE-9) - Present Rate Schedules with Redline Proposed Changes
- 12 Exhibit __ (RJM-WE-10) - Proposed Rate Schedules.

13 **Q. Have the exhibits been prepared by you or by others under your supervision?**

14 A. Yes.

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PART III - SUMMARY OF DIRECT TESTIMONY

Q. Please summarize the increase being requested for the Western division.

A. A rate increase of \$729,416 or 4.2 percent is being requested for the Western division.

This overall increase can be broken out as follows:

Retail Rates: \$871,695 or 5.2 percent.

Third-party 34.5 kV Customers: (\$142,279) or (27.0) percent.

Q. Please summarize the revenue requirements analysis you prepared for the Western division.

A. With Pro Forma Test Year Operating Expenses (before Long-Term Interest Expense) of \$17,167,469 and Margin Requirements of \$983,712, the total Pro Forma Test Year Revenue Requirements are calculated to be \$18,151,181. Operating Revenue under present rates on a Pro Forma Test Year basis is determined to be \$17,421,764. Therefore, to recover the total revenue requirements, the present rates must be increased \$729,416. Expressed as a percentage of tariff revenue, this is equivalent to a 4.2 percent increase requirement. Table 1 presents a summary of revenue requirements analysis for the Test Year.

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Table 1 Western Division Revenue Requirements Summary Operating TIER (O-TIER) = 2.00 Objective	
	(\$)
1. Operating Expenses (Excluding Interest)	17,167,469
2. Margin Requirements	
a. Interest Expense	491,856
b. Target O-TIER	<u>2.00</u>
c. Total Margin Requirements (Before Interest)	983,712
3. Total Revenue Requirements	18,151,181
4. Revenue From Present Rates	
a. Tariff Revenue	17,368,610
b. Other Operating Revenue	<u>53,155</u>
c. Total Revenue	17,421,764
5. Required Increase (Decrease)	729,416
	or 4.20%

Q. Please provide your recommended distribution of this increase between the various rate classes of Western.

A. Based upon the results of the COS studies and in consideration of other ratemaking objectives and Western's balancing of those objectives, the increase is proposed to be distributed as per the following Table 2.

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Table 2 Western Division Comparison of Revenue Present and Proposed Rates					
(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Rate Class	Revenue Present Rates	Revenue Proposed Rates	Increase (Decrease)	
				Amount	Percent
		(\$)	(\$)	(\$)	(%)
1	Residential Service (09-RS)	4,294,126	4,507,918	213,792	5.0
2	General Service Small (09-GSS)	1,131,562	1,248,704	117,142	10.4
3	General Service Large (09-GSL)	5,001,301	5,424,358	423,057	8.5
4	Industrial Service (09-IS)	783,699	814,124	30,425	3.9
5	Industrial Service-Primary Discount	1,771,555	1,823,040	51,485	2.9
6	Interruptible Industrial Ser. (09-INT)	150,063	154,497	4,435	3.0
7	Sub-Trans. & Trans. Level Ser. (09-STR)	3,369,301	3,392,594	23,294	0.7
8	Municipal Power Ser. (09-M-I) (Moved to GSS)	-	-	-	0.0
9	Water Pump. Ser. (09-WP)	69,817	77,045	7,228	10.4
10	Irrigation Service (09-IP-I)	7,356	8,118	762	10.4
11	Temporary Service (09-CS)	1,522	1,598	76	5.0
12	Private Area / Street Lighting (09-PAL-SL-I)	260,380	260,380	-	0.0
13	Total Retail Rates	16,840,681	17,712,376	871,695	5.2
14					
15	Local Access Charge Revenue	527,929	385,650	(142,279)	-27.0
16					
17	Total All Rates	17,368,610	18,098,026	729,416	4.2

PART IV - REVENUE REQUIREMENTS

Q. Please provide an overview of the revenue requirements analysis.

A. In order to ensure financial viability, a utility's retail rates must be designed to generate sufficient revenue to meet operating expenses and margin requirements. The margin requirements must be adequate to cover interest expense and accomplish other capital management objectives such as rotating patronage capital and maintaining (or achieving) a desired equity position. In this testimony, I will refer to the total operating expense and margin requirements as the "revenue requirements." This is expressed by the following equation:

$$\text{REVENUE REQUIREMENTS} = \text{OPERATING EXPENSE} + \text{MARGIN REQUIREMENTS}$$

To evaluate a utility's revenue requirements and the adequacy of its present rate structure to meet these requirements, it is common practice to analyze revenue and costs for a 12-month period of time, commonly referred to as the "Pro Forma Test Year" or simply "Test Year."

Q. What Test Year did you use to establish the revenue requirements?

A. The Test Year revenue requirements were based on actual historical results for 12 months ending December 2010, adjusted for known and measurable changes that either occurred during the historical period or within a reasonable time thereafter, mostly May 31, 2011.

Q. Please describe the revenue requirements analysis you completed for the Western division.

1 A. Exhibit __ (RJM-WE-2) provides a Statement of Operations for the Test Year based on the
2 revenue generated by the present rates. This provides much of the framework for the
3 revenue requirements determination.

4
5 Page 1 of Exhibit __ (RJM-WE-2) provides a summary of the Statement of Operations for
6 the 2010 Historical Test Year period. The results shown in Column (c) reflect an
7 unadjusted Test Year as actually recorded on Western's books. Column (d) summarizes
8 the various adjustments for known and measurable changes to the revenue and expense
9 accounts with the resulting adjusted Pro Forma Test Year shown in Column (e).

10
11 Pages 2 and 3 of Exhibit __ (RJM-WE-2) provide a summary of each of the proposed
12 adjustments. Pages 4 through 22 of Exhibit __ (RJM-WE-2) provide the detailed
13 calculations for the adjustments, including:

- 14 ▪ Revenue;
- 15 ▪ Purchased Power Expense;
- 16 ▪ Payroll Expense;
- 17 ▪ Payroll Related Expense;
- 18 ▪ Depreciation Expense;
- 19 ▪ Interest on Long-Term Debt Expense;
- Rate Case Expense;
- Other Operating Revenue;
- Non-Operating Margins (Other)
- Other Interest Expense; and
- Distribution Operations.

20
21 Page 3 presents the billing determinants for the rate classes as recorded for the Historical
22 and Test Year. Page 4 presents the weather normalized 2010 billing units. Page 5
23 presents the Pro Forma Test Year billing units.

24

25

1 Pages 7 through 11 of Exhibit __ (RJM-WE-2) provide the calculations of revenue under
2 present rates for the Pro Forma Test Year.

3
4 **Q. To calculate the adjustment to revenue under present rates, how were the pro forma
5 billing determinants determined?**

6 A. The revenue adjustment reflects the difference between the historical recorded revenue
7 and the pro forma Test Year revenue as calculated using the pro forma billing
8 determinants contained in Exhibit __ (RJM-WE-2), page 6. The pro forma average
9 number of consumers is based on the number of consumers as of December 2010. As
10 indicated in the footnotes on page 6, the December 2010 number of consumers was
11 multiplied by the weather normalized average usage per consumer to arrive at the pro
12 forma energy sales. The pro forma demand was prorated based on the weather normalized
13 billing units (i.e., energy and demand) and the pro forma energy.

14
15 **Q. Please explain how you determined the weather normalized 2010 billing
16 determinants?**

17 A. The weather normalized billing determinants were determined for the Mid-Kansas
18 Western division by my associate, Chris Ivanov. The information was prepared for
19 Western in total and for each Rural Utilities Services ("RUS") Form 7 rate classification.
20 Because there is not an exact matching between the RUS Form 7 and rate schedule
21 customer groupings, some additional allocation of billing determinants was performed.
22 Workpaper WE-B provides the details on the development and distribution of the weather
23 normalized billing determinants.

24

25

1 **Q. Please explain the rate class labeled as Local Access Charge (“LAC”)?**

2 A. Mid-Kansas, through Western, provides delivery service to wholesale users of its 34.5 kV
3 facilities under an LAC rate of \$1.41 per kW. This rate class refers to the billing
4 determinants and revenue from the LAC that should be included in the Test Year for this
5 rate application.

6
7 **Q. Have you made an adjustment to the LAC revenue that was recorded in 2010?**

8 A. Yes. I have made an adjustment to remove the historical amount of LAC revenue under
9 the category, Other Operating Revenue. I made a corresponding adjustment to Sales of
10 Electricity category on the Statement of Operations to include the pro forma amount of
11 LAC revenue.

12
13 **Q. How was the retail Energy Cost Adjustment (“ECA”) determined in the calculation
14 of pro forma revenue?**

15 A. The ECA used to determine revenue under present rates was determined on page 13 of
16 Exhibit __ (RJM-WE-2). The pro forma ECA cost per kWh sold is compared to the ECA
17 base cost per kWh sold as established in Docket No. 09-MKEC-969-RTS to determine the
18 ECA factor. The difference represents the ECA used in the determination of pro forma
19 revenue under percent rates.

20
21 **Q. Please describe the pro forma adjustments to the purchased power expense.**

22 A. The pro forma Test Year purchased power expense is based on the Mid-Kansas wholesale
23 rate as approved by the Commission in its January 11, 2010 order in Docket No. 969 with
24 two exceptions. First, the OATT charges vary by month (i.e., there is not a set rate per
25

1 unit) so I have used the 2010 OATT charges. Similarly, the wholesale ECA charges used
2 reflect the 2010 actual charges. It is important to recognize that whatever costs are used
3 for these components, my retail ECA approach would synchronize so there would be no
4 net effect on Western's revenue requirements.

5
6 **Q. Please explain the remaining pro forma adjustments to the actual operating**
7 **expenses.**

8 A. The following briefly describes these adjustments.

9 Payroll Expense was adjusted to annualize the November 2010 and 2011 wage rate
10 changes.

11 Payroll Related Expense was adjusted to reflect the changes in payroll expense and the
12 known rate changes.

13 Depreciation Expense was adjusted to reflect the annualization of May 31, 2011
14 depreciation expense less the acquisition premium amortization plus plant additions.

15 Interest on Long-Term Debt was adjusted to reflect the long term ("LT") interest expense
16 amount as of May 31, 2011.

17 Rate Case Expense is an adjustment to Administrative and General ("A&G") based on an
18 estimated rate case expense amortized over three years.

19 Other Operating Revenue is the previously mentioned adjustment to move LAC revenue.

20 Non-Operating Margins (Other) was adjusted to include the acquisition premium below-
21 the-line.

22 Other Interest Expense was adjusted to reflect the plant addition financed by Western's
23 line of credit.

24

25

1 Distribution Operations adjusted to remove the credit accounting entry for the Plainsville
2 meter replacement project.

3
4 **Q. Please describe the adjustment to Depreciation Expense.**

5 A. Depreciation expense was adjusted to account for various distribution and general plant
6 additions and improvements that are underway. This includes line rebuilds in the
7 Plainsville and Ellsworth areas. It also includes new construction and land costs at the
8 existing Plainsville and Ellsworth outposts. This is required because the existing facilities
9 are too old and small and not able to adequately store and protect maintenance vehicles,
10 equipment, and even some inventory. For example, on June 1, 2011, a hail storm moved
11 through the Plainsville and Ellsworth districts. Several of Western's trucks received
12 severe damage because Western did not have adequate facilities to store them inside and
13 out of the weather. Finally, the adjustment includes three service trucks.

14
15 **Q. Are these depreciation expense adjustments known and measureable?**

16 A. Yes. The cost of the line rebuilds is currently in construction work in progress which will
17 be closed out to plant and depreciated at the depreciation rate shown in the adjustment
18 schedule. Contracts have been signed on the land and buildings at the Plainsville and
19 Ellsworth outposts. Finally, the trucks have all been purchased at the amounts shown in
20 the adjustment schedule.

21
22 **Q. What are operating results for the Western division for 2010 and the Pro Forma Test**
23 **Year?**

24

25

1 A. Exhibit __ (RJM-WE-3) summarizes the operating results for Western on both an
2 unadjusted and an adjusted basis for the Test Year ending on December 31, 2010. A
3 summary of the Operating Statement is provided in Table 3.

Table 3		
Western Division		
Statement of Operations - Present Rates		
Description	12 Months Ending 12/31/10	Pro Forma Test Year
	(\$)	(\$)
Operating Revenue	17,011,124	17,421,764
Operating Expenses ¹	<u>16,487,201</u>	<u>17,167,469</u>
Net Operating Income	523,923	254,296

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10 It should be emphasized that the Net Operating Income is stated before LT interest
11 expense on LT debt is deducted, since LT interest plus margin requirements are treated
12 together as the margin requirement.

13
14 **Q. How have you determined the margin requirements for the Western division?**

15 A. The margin requirements were determined using an O-TIER ratio. O-TIER measures the
16 ability to meet long-term debt obligations with operating margins.

17
18 **Q. What is the minimum O-TIER that RUS requires of Western?**

19 A. In its loan documents, RUS requires Western to achieve a TIER of 1.10. Reference the
20 excerpt below from Western's W8 RUS loan document:

21 **"Section 5.4. Rates to Provide Revenue Sufficient to Meet Coverage Ratios
22 Requirements.**

23 (a) Prospective Requirement. The Borrower shall design and implement rates for
utility service furnished by it to provide sufficient revenue (along with other

24 ¹ Before long-term interest expense.
25

1 revenue available to the Borrower in the case of TIER and DSC) (i) to pay all
2 fixed and variable expenses when and as due, (ii) to provide and maintain
3 reasonable working capital, and (iii) to maintain, on an annual basis, the
4 Coverage Ratios. In designing and implementing rates under this paragraph,
5 such rates should be capable of producing at least enough revenue to meet the
6 requirements of this paragraph under the assumption that average weather
7 conditions in the Borrower's service territory shall prevail in the future,
8 including average Utility System damage and outages due to weather and the
9 related costs.

6 (b) Retrospective Requirement. The average Coverage Ratios achieved by the
7 Borrower in the 2 best years out of the 3 most recent calendar years must be not
8 less than any of the following:

TIER = 1.25

DSC = 1.25

OTIER = 1.1

ODSC = 1.1"

10
11 It is common practice to target an O-TIER in excess of the minimum 1.10 for a number of
12 reasons including accounting for unforeseen circumstances such as storms, weather, and
13 economic impacts.

14
15 **Q. What is the O-TIER being recommended for purposes of determining the margin
16 requirements in this application?**

17 A. After considering a number of factors, I recommend that the required O-TIER be set at
18 2.00. It is important that the retail rates produce adequate margins to allow the Western
19 division to: 1) achieve and maintain an adequate capital structure, 2) provide stability in
20 terms of handling contingencies and extending the time in between rate adjustments, 3)
21 fund plant growth, 4) eventually support the retirement of member equity (often referred
22 to as capital credits), and 5) provide members an ownership stake in the Cooperative.

23
24 **Q. How does the requested O-TIER compare to industry results?**

25

1 A. It is about 9 percent higher than the five-year average for cooperatives in Kansas. The
2 following Table 4 provides information on the national and state medians in the most
3 recent five years as available from the National Rural Utilities Cooperative Finance
4 Corporation ("CFC") for its electric cooperative borrowers.

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Year	National	Kansas
2006	1.79	2.03
2007	1.73	1.87
2008	1.70	1.63
2009	1.71	1.76
2010	1.91	1.91
<i>Ave.</i>	<i>1.77</i>	<i>1.84</i>

11 As can be seen in the above table, the median O-TIER in Kansas has recently ranged from
12 1.63 to 2.03, with an average of 1.84. The requested O-TIER is within the five-year
13 range.

14

15 **Q. Why does the Western division require an O-TIER that is above the recent results**
16 **experience in Kansas?**

17 A. It is important to keep in mind that compared to these national and state medians, Western
18 is unique. For example, since the acquisition was financed with debt, there is currently no
19 equity on the balance sheet for the Western division. In order to progress towards a more
20 balanced capital structure required to maintain access to lower cost debt, build reserves
21 against contingencies, provide members with an ownership stake, and fund a portion of
22 plant renewals, replacements and growth, the Western division needs to achieve an
23 adequate equity ratio. Without adequate funding of operations and plant investments from
24 rates, the capital structure of Western will continue to be dominated by debt, which
25

1 potentially limits access to needed financing and increases debt costs and business risk. It
 2 also would cause Western's native system members (i.e., those existing prior to the
 3 acquisition) to subsidize the acquired system members.

4
 5 **Q. What is the equity ratio for the Western division?**

6 A. Using 2010 year-end financial statements, I have summarized the Western division's
 7 equity in Table 5 in terms of 1) percent of total capitalization and 2) percent of assets.

8

9 Table 5 Western Division Equity Position <i>As of 12/31/10</i>			
10 1. Equity Percent of Total Capitalization			
	11 Total Equity	Total Capitalization	Equity Ratio
	(\$)	(\$)	(%)
Western Division	-382,044	14,732,394	-2.59
National Median (CFC borrowers for 2010)			48.60
State Median (CFC borrowers for 2010)			47.35
14 2. Distribution Equity (excluding equity in assoc. organizations)			
15 Mid-Kansas Member	Distribution Equity	Distribution Capitalization	Equity Ratio
	(\$)	(\$)	(%)
Western-Division	-1,060,831	14,053,607	-7.55
National Median (CFC borrowers for 2010)			35.87
State Median (CFC borrowers for 2010)			35.95

18

19 Clearly, the Western division is substantially leveraged and needs to increase its equity
 20 position. Although an O-TIER of greater than 2.00 may appear warranted when compared
 21 to national and state medians and in consideration of the need to grow equity, an O-TIER
 22 of 2.00 has been deemed an appropriate balance for this rate application when considering
 23 the rate impact on the Western division consumers. Achieving an O-TIER of 2.00 would
 24 generate close to \$500,000 in operating margins under test year conditions which is a
 25

1 reasonable step in the right direction towards achieving a more stable capital structure for
2 the Western division.

3
4 **Q. Please identify the Net Operating Income required to achieve a 2.00 O-TIER.**

5 A. To achieve an O-TIER of 2.00, the Western division needs to generate Net Operating
6 Income (before LT interest expense) of \$983,712. Because the O-TIER target is 2.00, this
7 is made up of equal parts LT interest and operating margin.

8
9 **Q. Please summarize the increase Mid-Kansas is requesting for the Western division.**

10 A. With Pro Forma Test Year Operating Expenses of \$17,167,469 and O-TIER Margin
11 Requirements of \$983,712, the total Pro Forma Test Year Revenue Requirements are
12 calculated to be \$18,151,181. Revenue for the present rates on a Pro Forma Test Year
13 basis is determined to be \$17,421,764. Therefore, to achieve the targeted O-TIER of 2.00,
14 revenue must be increased by \$729,416 or 4.2 percent. The following Table 6 presents a
15 summary of revenue requirements analysis.

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Table 6 Western Division Revenue Requirements Summary Operating TIER (O-TIER) = 2.00 Objective	
	(\$)
1. Operating Expenses (Excluding Interest)	17,167,469
2. Margin Requirements	
a. Interest Expense	491,856
b. Target O-TIER	<u>2.00</u>
c. Total Margin Requirements (Before Interest)	983,712
3. Total Revenue Requirements	18,151,181
4. Revenue From Present Rates	
a. Tariff Revenue	17,368,610
b. Other Operating Revenue	<u>53,155</u>
c. Total Revenue	17,421,764
5. Required Increase (Decrease)	729,416
	or 4.20%

PART V - COST OF SERVICE ANALYSIS

Q. Please explain the COS studies you prepared for the Western division?

A. I prepared a COS analysis for both the retail service and 34.5 kV service to provide information used in evaluating and designing proposed LAC and retail rates for the Western division. The basic objective of a COS is to identify the cost of providing service to each rate class as a function of load and service characteristics. The methodology employed is often referred to as the “fully allocated average embedded” COS approach, meaning that 1) costs are allocated on an average system-wide basis and 2) embedded or accounting costs as recorded on the utility’s books are used in the analysis. I believe that this is generally the most appropriate technique to use in allocating cost responsibility to the various classes and developing rate design data.

Q. Please describe the retail COS you prepared for the Western division.

A. Exhibit __ (RJM-WE-4) includes the COS analysis for the Western division. The detailed calculations and assumptions that go into the analysis are as follows:

<u>Page</u>	<u>Description</u>
1-3	Cost of Service Summary
4-5	Classification of Plant in Service
6-11	Classification of Revenue Requirements
12-13	Adjusted Statement of Operations
14-17	Summary of Classification Factors
18	Summary of Allocation of Revenue Requirements to Rate Classes
19	Allocation of Plant in Service to Rate Classes
20-22	Allocation of Revenue Requirements to Rate Classes
21	Rate Class Weighting Factors
24	Summary of Class Demands
22	Calculation of Class Demand Characteristics
27	Calculation of Outdoor Lighting Demand Characteristics
23	28-29 Development of Allocation Factors.

1 **Q. Please explain the general procedure for conducting a COS study.**

2 A. The basic procedure used to determine the cost responsibility of each consumer
3 classification is as follows:

4 Step 1 - Classify the plant account records into basic cost causative categories.

5 Step 2 - Classify the Test Year expenses and margin requirement into the same cost
6 causative categories.

7 Step 3 - Develop allocation factors for each rate class.

8 Step 4 - Allocate costs to the various rate classes using the class allocation factors
9 developed for each cost causative category.

10

11 **Q. Please explain the process of classification into cost causative categories.**

12 A. Plant investments, Test Year expenses and margin requirement are classified into the
13 following cost causative categories:

14 1. Direct - Costs which are directly attributable to one specific customer
15 classification. Expense associated with security and street lighting is an example
16 of a Direct Expense.

17 2. Consumer - Costs that are directly related to the number of customers and which
18 do not vary significantly with the demand imposed on the system or the amount of
19 energy consumed. Metering and customer accounting expenses best illustrate this
20 type of expense.

21 3. Capacity - Costs which result from providing and maintaining in readiness for
22 operation facilities required to meet the peak demand whether it be the system
23 peak, circuit peak, or individual customer service peak. The expense of owning,

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operating, and maintaining a three-phase backbone feeder would fall within this category as would the demand charge from the purchased power expense.

4. Energy - Costs which are related to the amount of energy used. The major items in this category are the Energy Charge and ECA in the purchased power rate.

Each of these general cost causative categories is further subdivided as follows:

<u>Direct</u>	<u>Consumer</u>	<u>Capacity</u>	<u>Energy</u>
As Assigned	Secondary & Service Meter Customer Accounting	Power Supply Distribution Substation Primary Line Line Transformer	Power Supply

Q. Please explain the basis for categorizing primary line and line transformers as capacity-related.

A. Often times in retail COS studies, the investment in expense for primary lines and line transformers is split between the consumer and capacity cost causative categories. This is done utilizing either the minimum-size or zero-intercept method. Either method attempts to quantify the investment and related expense that is caused by simply having consumers. Both methods are also contained in and described in the National Association of Regulatory Utility Commissioners' (NARUC) Cost Allocation Manuals of various dates. I have previously considered using the zero-intercept approach for Mid-Kansas divisional retail COS studies. However, I have found that such an approach represents an abrupt change from the prior and current rate design philosophy. Furthermore, I acknowledge that the Staff does not generally support such a method. In light of this, I have continued classifying these plant and expenses as capacity related in the retail cost of service study for the Western division.

1 **Q. What would the result of the minimum-size or zero-intercept method be?**

2 A. I have not run either of these alternative methods; however, at least to some extent, the
3 results would shift costs to low-use rate classes and would indicate the need for a substantial
4 increase in the consumer related charge (i.e., Customer Charge) in the Western division's rate
5 schedules.

6
7 **Q. Please explain the methodology used in assigning plant accounts to cost causative
8 categories.**

9 A. The cost causative classification of the various electric plant accounts is presented on
10 pages 4 and 5 of Exhibit __ (RJM-WE-4). The methodology used in assigning the plant
11 accounts to the cost causative categories is discussed as follows:

- 12 1. Intangible Plant (Acct. 301 to 303) - The Intangible Plant accounts were prorated
13 to the cost categories in the same relationship as the distribution plant allocations.
- 14 2. Land, Structures, Station and Battery (Accts. 360 to 363) - The Land and Land
15 Rights, Structures and Improvements, Station Equipment, and Battery accounts
16 were classified as capacity related since the facilities represented by the investment
17 are generally dictated by capacity considerations.
- 18 3. Primary Line and Devices (Accts. 364, 365, 366, 367) - The Primary Line and
19 Device accounts were assigned to the capacity component.
- 20 4. Line Transformers (Acct. 368) - Classification of the Line Transformer account
21 was assigned to the capacity component.
- 22 5. Services and Meters (Accts. 369 and 370) - Because the investment in Services
23 and Meters is basically independent of usage level, it was assigned entirely to the
24 customer component.

25

1 6. Consumer Premise (Acct. 371) - The investment in installations on Consumer's
2 Premises was assigned to Primary Line.

3 7. Street Lighting (Acct. 373) - Investment in street or security lighting facilities was
4 assigned directly to the Lighting Class.

5 8. General Plant Accounts (Accts. 389 to 399) - The General Plant accounts were
6 assigned to the cost causative categories in the same relationship as the total
7 distribution plant allocations. Because the assignment of the investment in general
8 plant has minimal impact on the classification of Test Year expenses, which
9 ultimately is used to determine class COS responsibility, a more detailed analysis
10 of general plant investment was not warranted.

11
12 **Q. Please explain how revenue requirements were classified.**

13 A. The Adjusted Operating Statement shown in Exhibit __ (RJM-WE-4), pages 12-13, forms
14 the basis for the revenue requirements included in the COS analysis. Actual expenses by
15 account for the historical 12-month period were used to establish the pattern of the Test
16 Year cost breakdown to the various accounts.

17
18 The various components of the revenue requirements were classified to the four basic cost
19 causative categories as presented on pages 6 through 11 of Exhibit __ (RJM-WE-4). The
20 factors used in the expense classification are summarized on pages 14 through 17 of
21 Exhibit __ (RJM-WE-4). The methodology and rationale for that methodology is
22 discussed below:

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- 1 1. Purchased Power (Acct. 555) - The demand and energy charge portions of the cost
2 of Purchased Power were assigned to the capacity and energy components,
3 respectively.
- 4 2. Distribution Operation and Maintenance (Accts. 580 - 598) - Distribution expense
5 accounts that are related to specific plant accounts (Accts. 582, 583, 584, 585, 586,
6 587, 591, 592, 593, 594, 595, 596, and 597) were classified in proportion to the
7 corresponding plant accounts. These expenses result from operating and
8 maintaining the distribution plant and thus may be considered plant related. The
9 remaining distribution expense accounts (Accts. 580, 581, 588, 589, 590, and 598)
10 were prorated on the basis of the sum of the previously assigned distribution
11 expense accounts. These accounts basically represent overhead or general
12 distribution expenses.
- 13 3. Consumer Accounting (Accts. 901 - 905) - Consumer Accounting expenses were
14 assigned in total to the consumer component since this expense is basically
15 independent of energy usage or capacity requirements. Instead, these accounts are
16 related to the number of consumers.
- 17 4. Consumer Service and Information and Sales (Accts. 907 - 916) - Consumer
18 Service and Information and Sales expenses are also considered consumer related
19 expenses.
- 20 5. Administrative and General (Accts. 920 - 932) - A&G expenses are common costs
21 for which there exists no obvious relationship to the functional categories. Thus,
22 we have assigned them in proportion to the total of all other expenses without
23 power supply.

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- 1 6. Depreciation and Amortization (Accts. 403 - 407) - Depreciation and Amortization
2 expense was allocated in proportion to the total plant account assignments.
- 3 7. Property Taxes (Acct. 408) - Property Taxes are allocated to various accounts in
4 the general ledger. The COS, therefore, classifies these expenses as part of the
5 other general ledger accounts.
- 6 8. Other Taxes, Other Interest, and Other Deductions - Other Taxes, Other Interest,
7 and Other Deductions is comprised of income tax related expense and has been
8 classified as revenue related.
- 9 9. Net Operating Income (Margin Requirement) - Since margin is comprised of
10 interest expense, which is a function of plant investment, it is reasonable to classify
11 this cost in proportion to the total plant assignments. This approach most nearly
12 parallels the method used to determine target margin requirements (i.e., TIER
13 method).

14
15 **Q. Please discuss the allocation of costs to rate classes.**

16 A. The allocation of the revenue requirement to each consumer classification is presented on
17 page 18 of Exhibit __ (RJM-WE-4). The allocations are based on various allocation
18 factors that reflect certain cost causative drivers as discussed below:

- 19 1. Direct Cost Allocation - Costs specifically associated with street or security
20 lighting facilities (investment and O&M) directly assigned to the Lighting Class
21 are an example of a possible direct cost allocation.
- 22 2. Consumer Costs Allocations - Generally speaking, consumer related costs were
23 allocated to the various classes on the basis of the total number of consumers in
24 each class. However, several adjustments were made in the general allocation
25

1 procedure to reflect differences in the cost of providing basic service. Weighting
2 factors were developed on page 23 of Exhibit __ (RJM-WE-4) to recognize the
3 higher cost of three-phase service versus standard single-phase service for each
4 subcategory of consumer related cost. A "weighting factor" of 0.02 was used to
5 allocate the consumer expense related to providing basic service to an individual
6 security or street light. Because these lights make use of facilities and services
7 which have been primarily provided for under other rate schedules, it may be
8 argued that it costs no more to prepare a bill for a consumer with a security light
9 than for one without. However, it seems only fair that the lighting classes should
10 be required to pay a token portion of the consumer related expense; hence, the 0.02
11 weighting factor.

12 3. Capacity Cost Allocations - Three different allocation factors were developed for
13 the capacity component. (See pages 24 to 27 of Exhibit __ (RJM-WE-4) for the
14 development of class demands):

15 a. Line transformer capacity related costs were allocated in accordance with the
16 estimated, undiversified non-coincidental peak demand of each consumer in
17 each class as this definition of demand most closely approximates transformer
18 capacity requirements.

19 b. Primary line and substation capacity allocated costs were allocated using the
20 Average and Excess Demand Method based on the average monthly
21 coincidental demand for each class (not necessarily coincidental with the
22 system). Distribution system capacity related costs are a function not only of
23 the system peak, but also the individual circuit and even consumer peak
24 demand. The Average and Excess Demand Method gives recognition to the
25

1 average demand imposed on the system by each class as well as the average
2 monthly peak demand of the class (non-coincidental) and prevents any class
3 from getting a "free ride" from a capacity standpoint.

4 c. Purchased power demand charges were allocated in accordance with the
5 average monthly coincidental class demands ("12CP").

6 4. Energy Cost Allocations - Energy related costs were allocated on the basis of total
7 energy sales in each rate class.

8
9 Allocation factors for each category are developed on pages 28 and 29 of Exhibit __ (RJM-
10 WE-4).

11
12 **Q. Please summarize the results of the COS study you performed for the Western**
13 **division.**

14 A. Results obtained from the COS analysis are summarized in Tables 7, 8, and 9 on the
15 following pages. Table 7 provides a comparison of the calculated cost of providing
16 service to each rate class with the revenue generated under the present rates by that class.

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Table 7
Retail Class Cost of Service
Class Allocation Summary

Rate Class	Present Rate Revenue	Cost of Service	Required Incr./.(Decr.)	As Percent
	(\$)	(\$)	(\$)	
Residential (09-RS)	4,311,262	4,497,333	186,071	4.3
GS Small (09-GSS)	1,134,219	1,405,997	271,778	24.1
GS Large (09-GSL)	5,021,260	5,390,110	368,850	7.4
Industrial (09-IS)	2,565,451	2,636,866	71,414	2.8
Municipal Power (09-M-I)	1,858	2,887	1,029	55.6
Water Pumping (09-WP)	70,096	80,260	10,165	14.6
Irrigation (09-IP-I)	7,386	9,032	1,647	22.4
Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)	261,419	198,866	(62,553)	(24.0)
Total	13,372,950	14,221,351	848,401	6.3

Table 8 shows a breakdown of the COS by cost category for each class.

Table 8
Retail Class Cost of Service
Class Allocation Summary

Rate Class	Power Supply		Transm.	Distribution		Total COS
	Capacity	Energy		Consumer	Capacity	
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Residential (09-RS)	799,033	2,138,506	106,655	494,558	958,581	4,497,333
GS Small (09-GSS)	236,024	590,168	31,419	268,141	280,245	1,405,997
GS Large (09-GSL)	1,069,119	2,818,371	142,618	110,225	1,249,777	5,390,110
Industrial (09-IS)	435,340	1,621,920	59,052	3,511	517,043	2,636,866
Municipal Power (09-M-I)	339	372	44	1,733	398	2,887
Water Pumping (09-WP)	16,742	37,131	2,219	4,507	19,661	80,260
Irrigation (09-IP-I)	2,299	2,667	300	1,048	2,719	9,032
Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)	17,882	77,074	4,606	58,673	40,631	198,866
Total	2,576,780	7,286,208	346,912	942,395	3,069,057	14,221,351

Table 9 provides total costs by class expressed in terms of \$/customer/month (consumer component) and ¢/kWh (capacity and energy components).

Table 9
Retail Class Cost of Service
Rate Design Factors

Rate Class	Power Supply		Transm.	Distribution		Total Cost
	Capacity	Energy		Consumer	Capacity	
	(¢/kWh)	(¢/kWh)	(¢/kWh)	(\$/mo.)	(¢/kWh)	(¢/kWh)
Residential (09-RS)	1.97	5.29	0.26	14.45	2.37	11.12
GS Small (09-GSS)	2.11	5.29	0.28	16.12	2.51	12.59
GS Large (09-GSL)	2.01	5.29	0.27	16.82	2.34	10.11
Industrial (09-IS)	1.42	5.29	0.19	18.28	1.69	8.59
Municipal Power (09-M-I)	4.82	5.29	0.63	14.45	5.66	41.03
Water Pumping (09-WP)	2.38	5.29	0.32	14.45	2.80	11.43
Irrigation (09-IP-I)	4.56	5.29	0.59	17.46	5.39	17.90
Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)	1.23	5.29	0.32	0.72	2.79	13.64
Total - Average	1.87	5.29	0.25	10.78	2.23	10.32

Q. Please describe the COS study you prepared for the Western 34.5 kV system.

A. The 34.5 kV system provides subtransmission/distribution service to both retail and wholesale customers. A separate COS study was performed to determine the cost of providing 34.5 kV service. The determined 34.5 kV Test Year revenue requirements were divided by the total wholesale and retail monthly coincidental billing demands for the Test Year to produce the proposed monthly LAC.

Q. How did you determine the COS and rate methodology?

A. I have used the same methodology as was applied in determining the LAC for all of the Mid-Kansas member-systems as included in Docket Nos. 969 and 439. This methodology is based on principles of cost causation. This COS is contained in Exhibit __ (RJM-WE-5).

1 **Q. Please summarize the resulting proposed LAC for the Western division.**

2 A. I have determined the proposed LAC at \$1.03 per kW-month.

3

4 **Q. Will each of the Western division's customers pay this LAC?**

5 A. Through a combination of the Western division retail rates and LAC, each of the
6 customers will pay for the 34.5 kV system cost of service. The amount of wholesale or
7 third-party LAC revenue is used as an offset to the total 34.5 kV revenue requirement
8 using the proposed LAC and third-party billing units.

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PART VI - RATE DESIGN

Q. How should the results of a COS be applied?

A. It is vital to recognize some of the inherent limitations of a COS study. First, it must be emphasized that a COS analysis, while basically an engineering and economic evaluation, is an art; not an exact science. There are many different methodologies, techniques, and assumptions that have been and will continue to be advocated by rate analysts. Because the various philosophies and assumptions can significantly affect the results of the analysis, the results should be treated as providing an indication of the general range of class cost responsibility; not as precise values.

Second, a COS analysis is of necessity directed at determining the cost imposed by a rate class on the system rather than at determining the cost imposed by individual consumers within each classification. The cost responsibility of a specific, individual consumer may or may not be entirely consistent with the cost allocations made to their assigned consumer classification. Furthermore, the study does not address the problem of maintaining relatively smooth transitions between the various rate classes or subclasses of consumers which may be eligible to receive service under more than one rate schedule.

Third, accurate demand characteristics and load factor data for individual consumer classes are often unavailable. Capacity allocations must therefore be made on the basis of estimates or "typical" data. These assumptions or estimates can have an effect on the end results.

1 Fourth, a COS analysis does not address itself to many of the other legitimate objectives
2 of rate design such as consumer acceptance or the avoidance of excessively abrupt
3 changes from the historical rate policies of the cooperative. In addition, it does not
4 recognize the desire to keep each rate schedule competitive, in as much as possible, with
5 the corresponding rate schedule of neighboring utilities or the need to keep the rate
6 structure simple so that it is easily administered and understood by consumers.

7
8 With the above limitations in mind, a COS study may be used as a general guide for
9 assigning cost responsibility (i.e., revenue requirements) to each of the customer
10 classifications in a manner which avoids unjustifiable price discrimination. The study also
11 provides information useful in designing the individual rate schedules and provides
12 support for justifying rate differentials to retail customers.

13
14 **Q. What objectives have you considered in developing the proposed rates?**

15 A. There are many legitimate objectives that influence the design of rates. Some of the more
16 important ones are as follows:

- 17 1. The proposed rates must develop the requisite total revenue.
- 18 2. The proposed rates should reflect the cost of providing service. No class or
19 subclass should subsidize or be subsidized by another.
- 20 3. The rate schedules should be simple and concise to facilitate consumer acceptance
21 and administration.
- 22 4. Abrupt departures from historical rate practices and levels should be avoided.
- 23 5. The rate structure should be acceptable to the membership.

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1 6. Where there is a possibility of a consumer being eligible to receive service under
2 more than one rate schedule, the transition should be made as smoothly as
3 possible.

4 7. The rates should promote the efficient use of energy and system capacity.

5 8. Whenever possible, the rate schedule should be competitive with those of
6 neighboring utilities and alternative energy sources.

7
8 It is generally not possible to fully accomplish all of the above objectives in developing
9 rate schedules. Compromises based on judgment reflecting the policy of the utility must
10 be made.

11

12 **Q. Please explain your recommended rate increase.**

13 A. Consistent with the revenue requirements analysis, I am recommending an overall
14 increase for the Western division of \$729,416 or 4.2 percent.

15

16 **Q. Please explain your recommended breakdown of this increase between the various
17 customer types and rate classes.**

18 A. First, the 34.5 kV COS indicated the LAC needs to be decreased to \$1.03 per kW. This
19 results in a \$142,297 decrease from third-party users of the 34.5 kV system. The retail
20 rates must therefore be increased \$871,695.

21

22 **Q. Please describe how you allocated the retail rate increase between the rate classes.**

23 A. The retail COS analysis played an important role in establishing the targeted increase for
24 each class; however, other rate design objectives were also considered, such as the need to

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1 avoid abrupt changes. In general, it is my belief that the principle of rate moderation (i.e.,
2 the need to avoid abrupt changes) is often needed to temper the results of the COS
3 analysis. Thus, the dollar and percentage change for each class as shown in the previous
4 Table 7, Cost of Service Summary, was tempered by experienced judgment in order to
5 accomplish the overall rate design objectives.

6
7 In particular, I have adopted the following general guidelines in distributing the requisite
8 rate increase to the various retail rate classes:

- 9 1. No class should receive an increase greater than two times the average.
- 10 2. All rate classes should share in the increase to some extent.

11
12 **Q. Have you prepared a comparison of the Present and Proposed Rates?**

13 A. Yes, I have. Exhibit __ (RJM-WE-7) provides a comparison of the present versus
14 proposed rates. The following Table 10 summarizes this comparison.

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Table 10					
Western Division					
Comparison of Revenue					
Present and Proposed Rates					
(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Rate Class	Revenue Present Rates	Revenue Proposed Rates	Increase (Decrease)	
		(\$)	(\$)	(\$)	(%)
1	Residential Service (09-RS)	4,294,126	4,507,918	213,792	5.0
2	General Service Small (09-GSS)	1,131,562	1,248,704	117,142	10.4
3	General Service Large (09-GSL)	5,001,301	5,424,358	423,057	8.5
4	Industrial Service (09-IS)	783,699	814,124	30,425	3.9
5	Industrial Service-Primary Discount	1,771,555	1,823,040	51,485	2.9
6	Interruptible Industrial Ser. (09-INT)	150,063	154,497	4,435	3.0
7	Sub-Trans. & Trans. Level Ser. (09-STR)	3,369,301	3,392,594	23,294	0.7
8	Municipal Power Ser. (09-M-I) (Moved to GSS)	-	-	-	0.0
9	Water Pump. Ser. (09-WP)	69,817	77,045	7,228	10.4
10	Irrigation Service (09-IP-I)	7,356	8,118	762	10.4
11	Temporary Service (09-CS)	1,522	1,598	76	5.0
12	Private Area / Street Lighting (09-PAL-SL-I)	260,380	260,380	-	0.0
13	Total Retail Rates	16,840,681	17,712,376	871,695	5.2
14					
15	Local Access Charge Revenue	527,929	385,650	(142,279)	-27.0
16					
17	Total All Rates	17,368,610	18,098,026	729,416	4.2

Q. Have you updated the ECA base to be used in calculating the future ECA factors?

A. Yes. In Exhibit __ (RJM-WE-2), page 13, I have calculated the ECA base at \$0.073127 per kWh sold.

Q. Why were the Municipal (09-M-I) customers moved to General Service Small (09-GSS)?

A. This was done for the following reasons:

- 1) The end uses are similar.
- 2) The usage of the Municipal (09-M-I) is relatively small.

1 3) The rate differential between the classes was quite small, so moving the Municipal
2 (09-M-I) customers would not create a revenue shift or impact individual
3 customers to an extended degree.

4 4) Combining the schedules has advantages as it reduces some administrative
5 inconveniences.

6
7 **Q. Is Mid-Kansas proposing changes to other charges in addition to the Western**
8 **division rate schedules identified above?**

9 A. Yes. To better match its billing cycles and remove some administrative burdens, the
10 definition of Summer and Winter months included in multiple rate tariffs has been re-
11 worded. Currently, Western has a billing cycle that is processed at the end of the month or
12 first of the next month. A definition that works better with the Western division billing
13 cycles is one that includes bills rendered from June 15th to October 15th rather than the
14 current July 1st to October 31st definition.

15
16 **Q. Have you prepared rate schedules reflecting the proposed changes discussed in your**
17 **testimony?**

18 A. Yes. Exhibit __ (RJM-WE-9) includes the present rate schedules. This exhibit is followed
19 by Exhibit __ (RJM-WE-10) that includes redline versions of present rate schedules
20 showing all the proposed changes, additions, and deletions. Finally, Exhibit __ (RJM-WE-
21 11) presents a “clean” version of proposed rate schedules.

22
23 **Q. Does this conclude your prefiled Direct Testimony for the Mid-Kansas Western**
24 **division rates?**

25 A. Yes, it does.

VERIFICATION

STATE OF MINNESOTA)
) ss
COUNTY OF ISANTI)

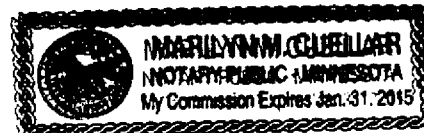
The undersigned, Richard J. Macke, upon oath first duly sworn, states that he is an employee of Power System Engineering, Inc., and that he has prepared the foregoing testimony, that he is familiar with the contents thereof, and that the statements contained therein are true and correct to the best of his knowledge and belief.

Richard J. Macke
Richard J. Macke

Subscribed and sworn to before me this 30th day of January
2012.

Marilyn M. Cuellar
Notary Public

My appointment expires: 1/31/2015



**Exhibit __ (RJM-WE-1) -
Curriculum Vitae - Richard J.
Macke**



**Power System
Engineering, Inc.**

RICHARD J. MACKE **VICE PRESIDENT, ECONOMICS, RATES, AND BUSINESS PLANNING**

SUMMARY OF EXPERIENCE AND EXPERTISE

- Over 14 years of experience in electric utility consulting.
- Specialized expertise in financial analyses with particular emphasis on utility finance, rate and cost of service matters, financial planning, and financial modeling.

PROFESSIONAL EXPERIENCE

Power System Engineering, Inc. - Minneapolis, MN (1999-present)

Vice President, Economics, Rates, and Business Planning (June 2011-present)

Vice President, Rates and Financial Planning (July 2010-May 2011)

Leader, Rates and Financial Planning (April 2008-June 2010)

Senior Rate and Financial Analyst (2002-March 2008)

Rate and Financial Analyst (1999-2002)

As Vice President of the Economics, Rates, and Business Planning Department at PSE, responsibilities include providing senior level consulting services to clients in the areas of cost of service, rate design, financial planning and forecasting, merger and acquisition analysis, and support. Additional responsibilities include strategic planning, litigation support, regulatory compliance, capital expenditure, and operational assessments and advisement.

Energy & Resource Consulting Group, LLC - Denver, CO (1998-1999)

Senior Analyst

Senior Analyst for financial, engineering and management consulting firm. Performed consulting services related to electric, gas, and water rate studies. Part of the Financial and Engineering Advisor Team contracted to the City Council of the City of New Orleans, LA to assist in various electric and gas utility matters. Provided expert testimony and participated in various regulatory proceedings involving the City Council, the Public Utilities Commission of Texas, and the Public Utilities Commission of Nevada. Provided general financial, management, and public policy support to clients.

Power System Engineering, Inc. - Blaine, MN (1996-1998)

Financial Analyst

Financial Analyst in Utility Planning and Rates Division. Emphasis on retail rate studies, including revenue requirements, and bundled/unbundled cost of service studies. Provided analysis used to support testimony, mergers and acquisitions cases, and financial forecasting.

EDUCATION

RICHARD J. MACKE

University of Minnesota, Minneapolis, MN

Masters of Business Administration (emphasis on Finance and Strategic Management),
2007

Bethel University, St. Paul, MN

Bachelor of Arts Degree in Business (emphasis on Finance and Marketing), Minor:
Economics, 1996

ADDENDUM REFERENCES - EXPERT TESTIMONY

<u>Case or Jurisdiction</u>	<u>Docket No.</u>	<u>Description</u>
Kansas	11-MKEE-439 -RTS	Mid-Kansas Electric Company, LLC, application for revised rates, tariffs, and rate design changes. Filed on behalf of its member-owner, Wheatland Electric Cooperative, Inc.
Kansas	09-MKEE-969 -RTS	Mid-Kansas Electric Company, LLC, application for approval to make certain changes in the charges for electric services. Filed on behalf of Mid-Kansas and its member-owners: Lane-Scott Electric Cooperative, Inc.; Prairie Land Electric Cooperative, Inc.; Southern Pioneer Electric Company, Inc.; Victory Electric Cooperative Association, Inc.; Western Cooperative Electric Association, Inc.; and Wheatland Electric Cooperative, Inc.
Kansas	09-PNRE-563 -RTS	Pioneer Electric Cooperative, Inc., application to increase rates. Testimony filed on behalf of Pioneer.
Kansas	09-WHLE-681 -RTS	Wheatland Electric Cooperative, Inc., application to increase rates. Testimony filed on behalf of Wheatland.
Minnesota	E-111/ GR-03-261	Dakota Electric Association, application to increase rates. Testimony filed on behalf of Dakota.
Texas	2150	North Star Steel, appropriateness of settlement rates being charged by Entergy Gulf States, Inc. Testimony filed on behalf of North Star Steel before the Public Utilities Commission of Texas.



**Exhibit __ (RJM-WE-2) -
Statement of Operations - Present
Rates**

Statement of Operations
Present Rates
For the Test Year Ended December 31, 2010

(a) Line No.	(b) Description	(c) Actual Test Year	(d) Adjustments ¹	(e) Pro Forma Test Year
1	<u>Operating Revenue</u>			
2	Sales of Electricity	16,520,732	\$ 847,878	\$ 17,368,610
3	Consumer Penalties	22,306		22,306
4	Other	468,085	\$ (437,237)	30,848
5	Total Operating Revenue	\$ 17,011,124	\$ 410,641	\$ 17,421,764
6				
7	<u>Operating Expenses</u>			
8	Cost of Purchased Power	13,025,941	215,687	13,241,628
9	Transmission - O & M	188,400	1,351	189,752
10	Distribution - Operation	609,511	358,643	968,154
11	Distribution - Maintenance	746,296	30,829	777,125
12	Consumer Accounts	371,902	19,257	391,159
13	Consumer Service & Information	101,173	3,335	104,508
14	Sales	-		-
15	Administrative & General	682,113	45,857	727,969
16	Depreciation & Amortization	750,533	(14,917)	735,617
17	Taxes - Property	-		-
18	Taxes - Other	-		-
19	Interest on Long Term Debt	466,760	25,096	491,856
20	Other Interest Expense	11,332	20,226	31,558
21	Other Deductions	-		-
22	Total Operating Expenses	\$ 16,953,961	\$ 705,364	\$ 17,659,325
23				
24	Net Operating Margins	\$ 57,163	\$ (294,723)	\$ (237,560)
25				
26	<u>Non-Operating Margins</u>			
27	Non-Operating Margins (Interest Income)	81	\$ -	\$ 81
28	Income (Loss) from Equity Investments	-		-
29	Non-Operating Margins (Other)	223,005	(119,121)	103,884
30	Generation and Transmission Capital Credits	-		-
31	Other Capital Credits & Patronage Dividends	-		-
32	Extraordinary Items	-		-
33		\$ 223,086	\$ (119,121)	\$ 103,965
34				
35	Total Patronage Capital & Margins	\$ 280,249	\$ (413,844)	\$ (133,595)

¹ See Page 2 and 3 for a summary of adjustments and page reference to supporting schedules.

**Supporting Adjustment Schedules
Summary of Adjustments**

(a)	(b)	(c)
Description	Page	Amounts
I. Revenues		
Schedule A - Adjustment to Revenue	6	\$ 847,878
Schedule I - Other Operating Revenue	22	\$ (437,237)
		<u>\$ 410,641</u>
II. Purchased Power Expense		
Schedule B - Purchased Power Expense	12	<u>\$ 215,687</u>
III. Transmission - O&M Expense		
Schedule C - Payroll Expense	16	\$ 906
Schedule D - Payroll Related Expenses	19	\$ 445
		<u>\$ 1,351</u>
IV. Distribution - Operations Expense		
Schedule C - Payroll Expense	16	\$ 26,412
Schedule D - Payroll Related Expenses	19	\$ 12,971
Schedule K - Plainville Meter Replacement Credit Removal	22	\$ 319,260
		<u>\$ 358,643</u>
V. Distribution - Maintenance Expense		
Schedule C - Payroll Expense	16	\$ 20,675
Schedule D - Payroll Related Expenses	19	\$ 10,154
		<u>\$ 30,829</u>
VI. Consumer Accounts Expense		
Schedule C - Payroll Expense	16	\$ 12,915
Schedule D - Payroll Related Expenses	19	\$ 6,342
		<u>\$ 19,257</u>
VII. Consumer Service and Sales Expense		
Schedule C - Payroll Expense	16	\$ 2,236
Schedule D - Payroll Related Expenses	19	\$ 1,098
		<u>\$ 3,335</u>

**Supporting Adjustment Schedules
Summary of Adjustments**

(a)	(b)	(c)
Description	Page	Amounts
VIII. Administrative and General Expense		
Schedule C - Payroll Expense	16	\$ 19,576
Schedule D - Payroll Related Expenses	19	\$ 9,614
Schedule G - Rate Case Expense	21	\$ 16,667
		<u>\$ 45,857</u>
IX. Depreciation Expense		
Schedule E - Depreciation Expense	20	\$ (14,917)
X. Interest on Long Term Debt		
Schedule F - Long Term Interest Expense	21	\$ 25,096
XI. Other Interest Expense		
Schedule J - Other Interest Expense	22	\$ 20,226
XII. Non-Operating Margins (Other)		
Schedule J- Include Amortization of AP below the line.	22	\$ (119,121)

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

I. Consumer and Sales Data for Test Year Ended December 31, 2010 (As Recorded)

(a) Line No.	(b) Description	(c) Avg. No. Cons. ¹	(d) Energy Sales ¹ (kWh)	(e) Billing Demand ¹ (kW)	(f) Revenue ¹ (\$)
1	Residential Service (09-RS)	4,166	40,996,900	N.A.	4,306,181
2	General Service Small (09-GSS)	1,371	11,196,501	N.A.	1,120,130
3	General Service Large (09-GSL)	545	53,993,955	121,329.4	4,904,076
4	Industrial Service (09-IS)	9	9,043,854	22,419.1	762,987
5	Industrial Service-Primary Discount	7	22,082,924	45,502.7	1,760,088
6	Interruptible Industrial Service (09-INT)	1	1,479,680	7,910.4	145,124
7	Sub-Transmission & Transmission Level Service (09-STR)	1	52,710,039	75,439.4	3,262,805
8	Municipal Power Service (09-M-I)	10	7,199	N.A.	1,729
9	Water Pumping Service (09-WP)	26	712,616	N.A.	68,064
10	Irrigation Service (09-IP-I)	5	50,448	N.A.	7,648
11	Temporary Service (09-CS)	4	8,480	N.A.	2,167
12	Private Area / Street Lighting (09-PAL-SL-I)	2,135	1,458,150	N.A.	251,682
13	Local Access ²	N.A.	N.A.	374,417.8	
14	Total ³	6,145	193,740,746	272,600.9	16,592,682

¹ Figures for test year ended December 31, 2010 as reported by Western and contained in Workpaper WP-B3.

² LAC revenue recorded as Other Operating revenue in 2010 actual results.

³ Total number of consumers excludes lighting. Total kW excludes LAC kW.

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

I. Weather Normalized Consumer and Sales Data for Test Year Ended December 31, 2010

(a) Line No.	(b) Description	(c) Avg. No. Cons.	(d) Energy Sales¹ (kWh)	(e) Billing Demand¹ (kW)
1	Residential Service (09-RS)	4,166	40,653,214	N.A.
2	General Service Small (09-GSS)	1,371	11,040,424	N.A.
3	General Service Large (09-GSL)	545	53,222,661	119,612.3
4	Industrial Service (09-IS)	9	8,921,341	22,112.2
5	Industrial Service-Primary Discount	7	21,763,500	44,833.8
6	Interruptible Industrial Service (09-INT)	1	1,458,674	7,798.9
7	Sub-Transmission & Transmission Level Service (09-STR)	1	52,710,039	75,439.4
8	Municipal Power Service (09-M-I)	10	7,035	N.A.
9	Water Pumping Service (09-WP)	26	702,482	N.A.
10	Irrigation Service (09-IP-I)	5	50,448	N.A.
11	Temporary Service (09-CS)	4	8,402	N.A.
12	Private Area / Street Lighting (09-PAL-SL-I)	2,135	1,458,150	N.A.
13	Local Access	N.A	N.A	374,417.8
14	Total²	6,145	191,996,369	269,796.6

¹ Figures for weather normalized 2010 amounts as reported by Western and contained in Workpaper WP-B3.

² Total number of consumers excludes lighting. Total kW excludes LAC kW.

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

II. Consumer and Sales Data for Pro Forma Test Year

(a) Line No.	(b) Description	(c) Avg. No. Cons. ¹	(d) Energy Sales ² (kWh)	(e) Billing Demand (kW)	(f) Revenue ³ (\\$)
1	Residential Service (09-RS)	4,146	40,458,047	N.A.	4,294,126
2	General Service Small (09-GSS)	1,386	11,165,288	N.A.	1,129,711
3	General Service Large (09-GSL)	546	53,320,317	119,831.8	5,001,301
4	Industrial Service (09-IS)	9	8,921,341	22,115.3	783,699
5	Industrial Service-Primary Discount	7	21,763,500	44,844.5	1,771,555
6	Interruptible Industrial Service (09-INT)	1	1,458,674	7,798.1	150,063
7	Sub-Transmission & Transmission Level Service (09-STR)	1	52,710,039	75,439.4	3,369,301
8	Municipal Power Service (09-M-I)	10	7,035	N.A.	1,851
9	Water Pumping Service (09-WP)	26	702,482	N.A.	69,817
10	Irrigation Service (09-IP-I)	5	50,448	N.A.	7,356
11	Temporary Service (09-CS)	4	8,402	N.A.	1,522
12	Private Area / Street Lighting (09-PAL-SL-I)	2,135	1,458,150	N.A.	260,380
13	Local Access	N.A.	N.A.	374,417.8	527,929
14	Total ⁴	6,141	192,023,723	270,029.1	17,368,610
15	Historical Revenue				<u>16,520,732</u>
16	Adjustment				<u>847,878</u>

¹ Number of consumers as of December 31, 2010.

² Energy sales are based on weather normalized historical average energy usage per consumer.

³ See Schedule A, pages 7 - 11.

⁴ Total number of consumers excludes lighting. Total kW excludes LAC kW.

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Present Rates

Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Residential Service (09-RS)</u>				
General Use				
Customer Charge	3,966	cons	\$8.39	399,284
Delivery Charge				
Summer - (July to Oct.)	16,631,651	kWh	\$0.09908	1,647,864
Winter (Nov-Jun)	22,350,629	kWh	\$0.09108	2,035,695
Energy Cost Adjustment	38,982,280	kWh	\$0.00181	70,560
Space Heating				
Customer Charge	180	cons	\$8.39	18,136
Delivery Charge				
Summer - All kWh	58,186	kWh	\$0.09908	5,765
Winter (Nov-Jun)				
0-800 kWh	787,473	kWh	\$0.09108	71,723
801-5800 kWh	622,150	kWh	\$0.06703	41,703
5801 kWh and above	7,958	kWh	\$0.09108	725
Energy Cost Adjustment	1,475,767	kWh	\$0.00181	2,671
				4,294,126
<u>General Service Small (09-GSS)</u>				
Customer Charge	1,386	cons	\$11.10	184,615
Special Minimum Charges				52,376
Delivery Charge				
Summer - (July to Oct.)	3,612,556	kWh	\$0.08361	302,046
Winter (Nov-Jun)	7,482,975	kWh	\$0.07561	565,788
Energy Cost Adjustment	11,165,288	kWh	\$0.00181	20,210
Space Heating Service	69,757	kWh	\$0.06703	4,676
				1,129,711
<u>General Service Large (09-GSL)</u>				
Customer Charge	534	cons	\$21.50	137,772
Special Minimum Charges				51,888
Demand Charge per kW>9				
Summer - (July to Oct.)	38,494	kW	\$9.50	365,688
Winter (Nov-Jun)	72,463	kW	\$7.50	543,470
Delivery Charge	48,506,584	kWh	\$0.07012	3,401,282
Energy Cost Adjustment	48,588,008	kWh	\$0.00181	87,947
Space Heating Service	81,424	kWh	\$0.06703	5,458
				4,593,505

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Present Rates

Rate Class	Billing Determinants	Units	Rate	Revenue
<u>General Service Large (09-GSL)-Primary Discount</u>				
Customer Charge	12	cons	\$21.07	3,034
Demand Charge per kW>9				
Summer - (July to Oct.)	2,942	kW	\$9.31	27,395
Winter (Nov-Jun)	5,933	kW	\$7.35	43,609
Delivery Charge	4,732,309	kWh	\$0.06872	325,193
Energy Cost Adjustment	4,732,309	kWh	\$0.00181	8,566
Space Heating Service		kWh	\$0.06569	
				407,796
<u>Industrial Service (09-IS)</u>				
Customer Charge	9	cons	\$100.62	10,867
Demand Charge per kW>10				
Summer - (July to Oct.)	7,336	kW	\$12.00	88,033
Winter (Nov-Jun)	14,779	kW	\$9.00	133,014
Delivery Charge	8,921,341	kWh	\$0.06004	535,637
Energy Cost Adjustment	8,921,341	kWh	\$0.00181	16,148
				783,699
<u>Industrial Service-Primary Discount</u>				
Customer Charge	7	cons	\$98.61	8,283
Demand Charge per kW>10				
Summer - (July to Oct.)	16,260	kW	\$11.76	191,216
Winter (Nov-Jun)	28,585	kW	\$8.82	252,116
Delivery Charge	21,763,500	kWh	\$0.05884	1,280,547
Energy Cost Adjustment	21,763,500	kWh	\$0.00181	39,393
				1,771,555
<u>Interruptible Industrial Service (09-INT)</u>				
Customer Charge	1	cons	\$100.62	1,207
Demand Charge				
Non-Interruptible				
Summer - (July to Oct.)	1,200	kW	\$12.00	14,400
Winter (Nov-Jun)	2,400	kW	\$9.00	21,600
Interruptible	4,198	kW	\$6.90	28,967
Penalty		kW	\$31.24	
Delivery Charge	1,458,674	kWh	\$0.05570	81,248
Energy Cost Adjustment	1,458,674	kWh	\$0.00181	2,640
				150,063

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Present Rates

Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Sub-Transmission & Transmission Level Service (09-STR)</u>				
<u>Service at 34.5 kV Voltage</u>				
Customer Charge	1	cons	\$111.80	1,342
Power Factor Adjustment	1	cons		(43,914)
<u>Demand Charge</u>				
Demand Requirements OATT	75,439	kW	\$6.29	474,514
Local Access Charge	75,439	kW	\$1.41	177,250
				106,370
<u>Energy Charge</u>				
Energy Charge	52,710,039	kWh	\$0.00990	521,619
Energy Cost Adjustment	52,710,039	kWh	\$0.03875	2,042,514
Delivery Charge	52,710,039	kWh	\$0.00170	89,607
				3,369,301
<u>Service at 115 kV Voltage</u>				
Customer Charge		cons	\$111.80	
<u>Demand Charge</u>				
Demand Requirements		kW	\$6.29	
OATT		kW	\$2.92	
<u>Energy Charge</u>				
Energy Charge		kWh	\$0.00990	
Energy Cost Adjustment		kWh	\$0.03875	
Delivery Charge		kWh	\$0.00170	
				3,369,301
<u>Municipal Power Service (09-M-I)</u>				
Customer Charge	10	cons	\$10.06	1,207
Delivery Charge				
Summer - (July to Oct.)	5,642	kWh	\$0.09127	515
Winter (Nov-Jun)	1,393	kWh	\$0.08327	116
Energy Cost Adjustment	7,035	kWh	\$0.00181	13
				1,851

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Present Rates

Rate Class	Billing		Rate	Revenue
	Determinants	Units		
<u>Water Pumping Service (09-WP)</u>				
Customer Charge	26	cons	\$16.21	5,058
Delivery Charge				
Summer - (July to Oct.)	226,252	kWh	\$0.09580	21,675
Winter (Nov-Jun)	476,230	kWh	\$0.08780	41,813
Energy Cost Adjustment	702,482	kWh	\$0.00181	1,272
				69,817
<u>Irrigation Service (09-IP-I)</u>				
Demand Charge per horsepower contracted per year	95	/HP/yr.	\$34.00	3,230
Delivery Charge				
Summer - (July to Oct.)	48,201	kWh	\$0.08034	3,872
Winter (Nov-Jun)	2,247	kWh	\$0.07234	163
Energy Cost Adjustment	50,448	kWh	\$0.00181	91
				7,356
<u>Temporary Service (09-CS)</u>				
Delivery Charge plus equipment service chg.	8,402	kWh	\$0.17936	1,507
Energy Cost Adjustment	8,402	kWh	\$0.00181	15
				1,522
<u>Private Area / Street Lighting (09-PAL-SL-I)</u>				
<u>Private Area Light (Coop owned)</u>				
On Existing Pole				
100 W P.A.L.	584	lights	\$8.10	56,765
100 W P.A.L.-100% Customer	24	lights	\$3.11	896
150 W P.A.L.	1	lights	\$12.86	154
200 W P.A.L.	5	lights	\$4.39	263
On New Pole (Wood)				
100 W P.A.L.	45	lights	\$13.46	7,268
200 W P.A.L.	1	lights	\$16.10	193
<u>Flood Lights</u>				
On Existing Pole				
150 W Flood	11	lights	\$15.22	2,009
150 W Flood-100% Customer	1	lights	\$4.54	54
400 W Flood	33	lights	\$27.99	11,084
1000 W Flood M.H.	14	lights	\$41.47	6,967
On New Pole (Wood)				
150 W Flood	2	lights	\$17.17	412
150 W Flood-100% Customer	2	lights	\$4.68	112
400 W Flood	4	lights	\$29.92	1,436
400 W Flood-100% Customer	1	lights	\$10.39	125
1000 W Flood M.H.	1	lights	\$56.16	674

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Present Rates

Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Private Area / Street Lighting (09-PAL-SL-I)</u>				
<u>Street Lights</u>				
On Existing Pole				
100 W P.A.L.	4	lights	\$8.98	431
200 W P.A.L.	1	lights	\$13.05	157
200 W P.A.L.-100% Customer	2	lights	\$5.37	129
On New Pole (Wood)				
100 W P.A.L.	8	lights	\$13.46	1,292
100 W P.A.L.-100% Customer	2	lights	\$3.46	83
On New Pole (Steel)				
200 W Cobra Head-100% Customer	2	lights	\$6.31	151
<u>Vapor Street Lighting System</u>				
175 W MV	152	lights	\$9.94	18,131
400 W MV	23	lights	\$16.03	4,424
100 W HPS	628	lights	\$8.98	67,673
150 W HPS	5	lights	\$10.60	636
200 W HPS	47	lights	\$13.05	7,360
<u>Controlled Private Area Lighting</u>				
175 W MV	340	lights	\$9.06	36,965
400 W MV	9	lights	\$17.47	1,887
400 W MV-Flood	17	lights	\$19.04	3,884
1000 W MV-Flood	2	lights	\$36.15	868
100 W HPS	115	lights	\$8.22	11,344
200 W HPS	2	lights	\$14.62	351
150 W HPS	8	lights	\$15.31	1,470
400 W HPS	36	lights	\$27.99	12,092
	2,132	Total Lights		
Energy Cost Adjustment	1,458,150	kWh	\$0.00181	2,639
				260,380
<u>Local Access Charge (LAC)</u>				
Demand Charge	374,418	kW	\$1.41	527,929
Grand Total	192,023,723	kWh		<u>17,368,610</u>

Schedule B
Pro Forma Purchased Power Expense and Adjustment

Mid-Kansas Electric Company, LLC			
Description	Units Purchased ¹	Pro Forma Test Year	
		Rate ²	Amount
Demand Charge	359,640 kW-mo.	\$6.29 /kW	\$ 2,262,137
Energy Charge	208,300,598 kWh	\$0.009896 /kWh	\$ 2,061,343
ECA Rate	208,300,598 kWh	\$0.038750 /kWh	\$ 8,071,648
OATT Rate			\$ 1,051,734
Energy 3-2-1 Member Credits	103,023,618 kWh	-\$0.001992 /kWh	\$ (205,234)
Total	208,300,598 kWh	0.0636 /kWh	\$ 13,241,628

Pro Forma Purchased Power Expense	\$ 13,241,628
Historical Test Year Purchased Power Expense	\$ 13,025,941
Pro Forma Adjustment	<u>\$ 215,687</u>

¹ Per Exhibit (RJM-2), page 6 adjusted for line loss.

² Demand and Energy Rates as approved in Docket No. 09-MKKEE-969-RTS

Calculation of Pro Forma ECA Factor

(a) Line No.	(b) Category	(c) Amount	(d) Source
1	Total Power Costs	\$ 13,241,628	Exhibit (RJM-WE-2) page 12
2	Less Power Costs STR	\$ 3,259,262	Exhibit (RJM-WE-4) page 13
3	Less 3-2-1 Credits	\$ (205,234)	Exhibit (RJM-WE-2) page 12
4	Total Qualifying Power Costs	\$ 10,187,600	
5			
6	Total kWh Sold	192,023,723 kWh	Exhibit (RJM-WE-2) page 6
7	Less kWh Sold STR	52,710,039 kWh	Exhibit (RJM-WE-2) page 6
8	Qualifying kWh	139,313,684 kWh	
9			
10	ECA Base Cost per kWh Sold	\$ 0.073127 /kWh	
11			
12	ECA Base	\$ 0.071317 /kWh	Per Docket No. 09-MKEE-969-RTS
13	Pro Forma ECA-2	\$ 0.001810 /kWh	

Schedule C
Adjustment to Payroll Expense

I. Adjustments to Union Payroll Expense

A. Actual wages recorded during the test year.

1.	From January 1, 2010 to October 31, 2010 payroll	\$	579,241
2.	From November 1, 2010 to December 31, 2010 payroll	\$	119,665
			698,907

B. Adjustments to annualize November 1, 2010 payroll increase.

1.	Test Year payroll prior to increase	\$	579,241
2.	Percent increase		4.00%
3.	Increase		23,170
	Subtotal		722,076

C. Adjustments to annualize November 1, 2011 payroll increase.

1.	Adjusted 2011 payroll	\$	722,076
2.	Percent increase		3.00%
3.	Increase		21,662

D. Total Pro Forma Test Year Payroll Increase - Union

1.	Pro Forma Test Year Payroll - Union	\$	743,739
2.	Less: Test Year Payroll - Union	\$	698,907
3.	Total Payroll Increase - Union		44,832

II. Adjustment to Non-Union Payroll Expense

A. Actual wages recorded during the test year.

1.	From January 1, 2010 to October 31, 2010 payroll	\$	621,332
2.	From November 1, 2010 to December 31, 2010 payroll	\$	130,835
			752,166

B. Adjustments to annualize November 1, 2010 payroll increase.

1.	Test Year payroll prior to increase	\$	621,332
2.	Percent increase		3.4%
3.	Increase		20,815
	Subtotal		772,981

C. Adjustments to annualize November 1, 2011 payroll increase.

1.	Adjusted 2011 payroll	\$	772,981
	Percent increase		4.00%
3.	Increase		30,919

D. Total Pro Forma Test Year Payroll Increase - Non-Union

1.	Pro Forma Test Year Payroll - Non-Union	\$	803,900
2.	Less: Test Year Payroll - Non-Union	\$	752,166
3.	Total Payroll Increase - Non-Union		51,734

Schedule C
Adjustment to Payroll Expense
(Continued)

III. Adjustment to Payroll Expense to Reflect Staffing Changes

A. New Employees Added During the Test Year

Union Employees	Actual Wages	Normalized Wages	Adjustment
Employee A			\$ -
Total	\$ -	\$ -	\$ -

Non-Union Employees	Actual Wages	Normalized Wages	Adjustment
Employee E	\$ 3,529	\$ 19,760	\$ 16,231
Total	\$ 3,529	\$ 19,760	\$ 16,231

B. Employees Leaving During the Test Year

Union Employees	Actual Wages
Employee A	\$ -
Total	\$ -

Non-Union Employees	Actual Wages
Employee F	\$ -
Total	\$ -

C. Employees Hired or Scheduled to be Hired During the Pro Forma Test Year

Non-Union Employees	Starting Date	Actual Wages	Source
Employee A			
Total		\$ -	

Schedule C
Adjustment to Payroll Expense
(Continued)

III. Summary

	Union	Non-Union	Total
1. Wages booked in Test Year	\$ 698,907	\$ 752,166	\$ 1,451,073
2. Adjustments (Schedule C, Parts I, II, and III)			
Test Year Changes			
a. Increase in Wages	\$ 44,832	\$ 51,734	\$ 96,566
b. New or Re-assigned Employees	\$ -	\$ 16,231	\$ 16,231
c. Retired or Re-assigned Employees	\$ -	\$ -	\$ -
d. Pro Forma New Employee		\$ -	\$ -
Total Adjustments	\$ 44,832	\$ 67,965	\$ 112,797
3. Total Pro Forma Test Year Payroll	\$ 743,739	\$ 820,132	\$ 1,563,870

V. Allocation of Payroll Adjustment to Expense Categories

Category	Payroll Recorded in Test Year	Allocation Factor	Adjustment
Transmission	\$ 11,660	0.80%	\$ 906
Distribution Operations	\$ 339,773	23.42%	\$ 26,412
Distribution Maintenance	\$ 265,975	18.33%	\$ 20,675
Consumer Accounts	\$ 166,142	11.45%	\$ 12,915
Consumer Service	\$ 28,771	1.98%	\$ 2,236
Sales Expense		0.00%	\$ -
Admin. and General	\$ 251,836	17.36%	\$ 19,576
Construction	\$ 248,098	17.10%	\$ 19,286
Sub-total	\$ 1,312,255	90.43%	\$ 102,006
Other	\$ 138,818	9.57%	\$ 10,791
Total	\$ 1,451,073	100.00%	\$ 112,797

Schedule D
Adjustment to Payroll Related Expenses

	Union	Non-Union	Total
<u>Total Change in Payroll per Schedule C</u>	\$ 44,832	\$ 67,965	\$ 112,797
<u>A. Long Term Disability</u>			
1. Adjustment due to increase in payroll			
a. Rate	1.78%	1.78%	1.78%
b. Adjustment	\$ 798	\$ 1,210	\$ 2,008
2. Adjustment due to increase in rate			
a. Total pro forma payroll	\$ 743,739	\$ 820,132	\$ 1,563,870
b. Change in rate	0.00%	0.00%	0.00%
c. Adjustment	\$ -	\$ -	\$ -
3. Subtotal Long Term Disability	\$ 798	\$ 1,210	\$ 2,008
<u>B. FICA</u>			
1. Adjustment due to increase in payroll			
a. Rate	5.55%	5.55%	5.55%
b. Adjustment	\$ 2,488	\$ 3,772	\$ 6,260
2. Adjustment due to increase in rate			
a. Total pro forma payroll	\$ 743,739	\$ 820,132	\$ 1,563,870
b. Change in rate	0.00%	0.00%	0.00%
c. Adjustment	\$ -	\$ -	\$ -
3. Subtotal FICA	\$ 2,488	\$ 3,772	\$ 6,260
<u>C. Workmen's Compensation</u>			
1. Adjustment due to increase in payroll			
a. Rate	2.42%	2.42%	2.42%
b. Adjustment	\$ 1,085	\$ 1,645	\$ 2,730
2. Adjustment due to increase in rate			
a. Total pro forma payroll	\$ 743,739	\$ 820,132	\$ 1,563,870
b. Change in rate	0.00%	0.00%	0.00%
Adjustment	\$ -	\$ -	\$ -
3. Subtotal Workmen's Compensation	\$ 1,085	\$ 1,645	\$ 2,730

Schedule D
Adjustment to Payroll Related Expenses

	Union	Non-Union	Total
<u>D. Hospitalization Expense</u>			
1. Adjustment due to increase in payroll			
a. Rate	16.45%	16.45%	16.45%
b. Adjustment	\$ 7,375	\$ 11,180	\$ 18,555
2. Adjustment due to increase in rate			
a. Total pro forma payroll	\$ 743,739	\$ 820,132	\$ 1,563,870
b. Change in rate	0.00%	0.00%	0.00%
c. Adjustment	\$ -	\$ -	\$ -
3. Subtotal Hospitalization Expense	\$ 7,375	\$ 11,180	\$ 18,555
<u>E. Life Insurance</u>			
1. Adjustment due to increase in payroll			
a. Rate	0.48%	0.48%	0.48%
b. Adjustment	\$ 215	\$ 326	\$ 541
2. Adjustment due to increase in rate			
a. Total pro forma payroll	\$ 743,739	\$ 820,132	\$ 1,563,870
b. Change in rate	0.00%	0.00%	0
c. Adjustment	\$ -	\$ -	0
3. Subtotal Life Insurance Expense	\$ 215	\$ 326	\$ 541
<u>F. State and Federal Unemployment</u>			
1. Adjustment due to increase in payroll			
a. Rate	0.66%	0.66%	0.0066
b. Adjustment	\$ 296	\$ 449	\$ 744
2. Adjustment due to increase in rate			
a. Total pro forma payroll	\$ 44,832	\$ 67,965	\$ 112,797
b. Change in rate	0.00%	0.00%	0.00%
c. Adjustment	\$ -	\$ -	\$ -
3. Subtotal Unemployment	\$ 296	\$ 449	\$ 744
<u>G. Retirement and Pension</u>			
1. Adjustment due to increase in payroll			
a. Rate	21.77%	21.77%	21.77%
b. Adjustment	\$ 9,760	\$ 14,796	\$ 24,556
2. Adjustment due to increase in rate			
a. Total pro forma payroll	\$ 743,739	\$ 820,132	\$ 1,563,870
b. Change in rate	0.00%	0.00%	0.00%
c. Adjustment	\$ -	\$ -	\$ -
3. Subtotal Retirement and Pension	\$ 9,760	\$ 14,796	\$ 24,556

Schedule D
Adjustment to Payroll Related Expenses

	Union	Non-Union	Total
H. Accident Insurance			
1. Adjustment due to increase in payroll			
a. Rate	0.00%	0.00%	0.00%
b. Adjustment	\$ -	\$ -	\$ -

			Pro Forma Adj.
I. Summary			
1. Long Term Disability	\$ 798	\$ 1,210	\$ 2,008
2. Workmen's Compensation	\$ 1,085	\$ 1,645	\$ 2,730
3. Hospitalization Insurance Expense	\$ 7,375	\$ 11,180	\$ 18,555
4. Life Insurance	\$ 215	\$ 326	\$ 541
5. State and Federal Unemployment	\$ 296	\$ 449	\$ 744
6. Retirement and Pension	\$ 9,760	\$ 14,796	\$ 24,556
7. Accident Insurance	\$ -	\$ -	\$ -
8. Sub-Total	\$ 19,529	\$ 29,606	\$ 49,134
9. FICA	\$ 2,488	\$ 3,772	\$ 6,260
10. Total	\$ 22,017	\$ 33,378	\$ 55,395

H. Allocation Payroll Related Expense Adjustments to Expense Categories

Category	Payroll Recorded in Test Year	Allocation Factor	Adjustment
Transmission	11,660	0.80%	\$ 445
Distribution Operations	339,773	23.42%	\$ 12,971
Distribution Maintenance	265,975	18.33%	\$ 10,154
Consumer Accounts	166,142	11.45%	\$ 6,342
Consumer Service	28,771	1.98%	\$ 1,098
Sales Expense	-	0.00%	\$ -
Admin. and General	251,836	17.36%	\$ 9,614
Construction	248,098	17.10%	\$ 9,471
Sub-total	\$ 1,312,255	90.43%	\$ 50,095
Other	138,818	9.57%	\$ 5,299
Total	\$ 1,451,073	100.00%	\$ 55,395

Schedule E
Adjustment to Depreciation Expense

A. Depreciation on Existing Plant

1. Depreciation Expense Recorded as of May 31, 2011	\$ 63,149
2. Less: Amortization of Acquisition Premium	\$ 9,927
3. Net Depreciation Expense as of May 31, 2011	<u>\$ 53,222</u>
4. Multiply by 12 Months	<u>12</u>
5. Normalized Depreciation Expense on Existing Plant	<u>\$638,670</u>

B. Depreciation on New Plant Added During Pro Forma Test Year

Description of Plant	Amount	Depreciation Rate	Annual Depreciation Expense
Distribution Plant			
Ellsworth Rebuild	\$ 479,577	3.30%	\$ 15,826
Plaineville 34.5 Rebuild	\$ 333,665	3.30%	\$ 11,011
Plaineville 13.8 Rebuild	\$ 182,030	4.66%	\$ 8,483
Radio System	\$ 44,203	2.33%	\$ 1,030
General Plant			
Plainville Facility Land	\$ 30,000	0.00%	\$ -
Plainville Facility Building	\$ 257,000	3.16%	\$ 8,121
Ellsworth Facility Land	\$ 44,406	0.00%	\$ -
Ellsworth Facility Building	\$ 267,000	3.16%	\$ 8,437
New #303 Truck	\$ 207,516	12.00%	\$ 24,902
New #203 Truck	\$ 88,164	12.00%	\$ 10,580
New #110 Truck	\$ 64,342	13.30%	\$ 8,557
Depreciation Expense - New Plant			<u>\$ 96,947</u>

C. Summary

1. Total Depreciation Expense for the Pro Forma Test Year	\$ 735,617
2. Less: Actual Depreciation Expense for the Test Year	\$ 750,533
3. Adjustment to Depreciation Expense	<u>\$ (14,917)</u>

Schedule F
Adjustment to Long Term Interest Expense

A. Interest on Existing Loans

1. Interest Expense Recorded for the Month Ending May 31, 2011	\$ 40,988
2. Multiply by 12 Months	<u>12</u>
3. Normalized Interest Expense on Existing Loans	<u>\$ 491,856</u>

B. Interest on New Loans

1. New Loan	
2. Composite Interest Rate (See Section D., Below)	<u>3.400%</u>
3. Estimated Interest Expense on New Loan Funds	<u>\$ -</u>

C. Summary

1. Interest Expense for the Pro Forma Test Year	
a. Interest on Existing Debt	\$ 491,856
b. Interest on New Debt	<u>\$ -</u>
c. Total	\$ 491,856
Less: Actual test year expense	\$ 466,760
Adjustment to Long Term Interest expense	<u><u>\$ 25,096</u></u>

Schedule G
Adjustment for Rate Case Expense

1. Estimated Rate Case Expense	\$ 50,000
2. Amortize Over 3 Years	<u>3</u>
3. Adjustment to A&G for Estimated Rate Case Expense	<u><u>\$ 16,667</u></u>

Schedule H
Adjustment to Other Operating Revenue

A. Other Operating Revenue

1. Removal of LAC Revenue	\$ (437,237)
2. Adjustment to Other Operating Revenue	<u>\$ (437,237)</u>

Schedule I
Adjustment to Non-Operating Margins (Other)

A. Non-Operating Margins (Other)

1. Amortization of Acquisition Premium per Schedule E.	\$ 119,121
2. Adjustment to Non-Operating Margins (Other)	<u>\$ (119,121)</u>

Schedule J
Adjustment to Other Interest Expense

A. Other Interest Expense

1. Plant Additions financed with line of credit (see schedule E)	\$ 598,406
2. Interest Rate on LOC as of Sept 2011	<u>3.38%</u>
3. Adjustment to include Other Interest Expense	<u>\$ 20,226</u>

Schedule K
Adjustment to Distribution Operations

A. Distribution Operations

1. Distribution Operations Credit for Meter Replacement in Plaineville	\$ (319,260)
2. Adjustment to Distribution Operations	<u>\$ 319,260</u>

**Exhibit __ (RJM-WE-3) - Revenue
Requirements**

Determination of Revenue Requirements -- Summary

(a) Line No.	(b) Description	(c) December 31, 2011 Test Year Actual	(d) Present Rates Pro Forma Test Year	(e) Proposed Rates Pro Forma Test Year
Financial Results From Rates		(\$)	(\$)	(\$)
1	Total Revenue ¹	17,011,124	17,421,764	18,151,181
2	Operating Expense (before interest expense) ¹	16,487,201	17,167,469	17,167,469
3	Net Operating Income (before interest expense) ²	523,923	254,296	983,712
4	Capital Credits ³	-	-	-
5	Other Non-Operating Income ³	223,086	103,965	103,965
6	Total Margin (before interest expense) ⁴	747,008	358,261	1,087,677
7				
8	Long Term Interest ³	466,760	491,856	491,856
9	Operating TIER	1.12	0.52	2.00
10	Modified TIER ⁶	1.12	0.52	2.00
11	TIER	1.60	0.73	2.21
Required Increase (Decrease) --O-TIER Objective				
12	Operating Expenses (excluding interest) ¹	16,487,201	17,167,469	17,167,469
13	Margin Requirements			
14	Interest Expense ³	466,760	491,856	491,856
15	Target O-TIER ⁵	2.00	2.00	2.00
16	Net Operating Income Required ⁶	933,520	983,712	983,712
17	Total Revenue Requirements ⁷	17,420,721	18,151,181	18,151,181
18	Revenue From Present Rates			
19	Tariff Revenue ¹	16,520,732	17,368,610	18,098,026
20	Other Operating Revenue ¹	490,392	53,155	53,155
21	Total Revenue ⁸	17,011,124	17,421,764	18,151,181
22	Required Increase (Decrease) ⁹	409,597	729,416	-
23	Percent Increase (Decrease) ¹⁰	2.5	4.2	-
	w/o STR	3.1	5.2	-

¹ See Exhibit RJM-2.² Line 1 minus Line 2.³ Taken from Form 7 for the Historical Test Year ending May 31, 2011.⁴ Line 3 plus Line 4 plus Line 5.⁵ As determined in Stipulation and Agreement in Docket No. 06-MKKEE-524-ACQ.⁶ Line 14 times Line 15.⁷ Line 12 plus Line 16.⁸ Line 19 plus Line 20.⁹ Line 17 minus Line 21.¹⁰ Line 22 divided by Line 19.

**Exhibit __ (RJM-WE-4) - Cost of
Service Analysis**

Cost of Service Summary
Revenue Requirements Summary -- BUNDLED

Line No.	Description	Total	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)
1	Revenue Requirements									
2	Revenue Requirements	14,221,351	4,497,333	1,405,997	5,390,110	2,636,866	2,887	80,260	9,032	198,866
3										
4	Present Rates									
5	Revenue-Present Rates	13,319,795	4,294,126	1,129,711	5,001,301	2,555,254	1,851	69,817	7,356	260,380
6	Revenue Credits	53,155	17,136	4,508	19,958	10,197	7	279	29	1,039
7		13,372,950	4,311,262	1,134,219	5,021,260	2,565,451	1,858	70,096	7,386	261,419
8										
9	Required Incr./(Decr)	848,401	186,071	271,778	368,850	71,414	1,029	10,165	1,647	(62,553)
10	Percent	6.3%	4.3%	24.1%	7.4%	2.8%	55.6%	14.6%	22.4%	(24.0%)
11										

Cost of Service Summary
Class Allocation Summary -- BUNDLED

Line No.	Category	Total	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)
19	<u>Power Supply</u>									
20	Direct									
21	Wholesale Cost									
22	Allocated Cost									
23	Subtotal									
24	Capacity Related									
25	Wholesale Cost	2,576,780	799,033	236,024	1,069,119	435,340	339	16,742	2,299	17,882
26	Allocated Cost									
27	Subtotal	2,576,780	799,033	236,024	1,069,119	435,340	339	16,742	2,299	17,882
28	Energy Related									
29	Wholesale Cost	7,286,208	2,138,506	590,168	2,818,371	1,621,920	372	37,131	2,667	77,074
30	Allocated Cost									
31	Subtotal	7,286,208	2,138,506	590,168	2,818,371	1,621,920	372	37,131	2,667	77,074
32	Sub. Power Supply	9,862,987	2,937,539	826,192	3,887,491	2,057,259	711	53,874	4,965	94,956
33	<u>Transmission</u>									
34	Direct									
35	Capacity	346,912	106,655	31,419	142,618	59,052	44	2,219	300	4,606
36	Energy									
37	Allocated Cost									
38	Sub. Transmission	346,912	106,655	31,419	142,618	59,052	44	2,219	300	4,606
39	<u>Distribution</u>									
40	Direct	40,168								40,168
41	Consumer	902,227	494,558	268,141	110,225	3,511	1,733	4,507	1,048	18,505
42	Capacity	3,069,057	958,581	280,245	1,249,777	517,043	398	19,661	2,719	40,631
43	Energy									
44	Sub. Distribution	4,011,452	1,453,139	548,386	1,360,002	520,554	2,132	24,168	3,767	99,304
45										
46	Total	14,221,351	4,497,333	1,405,997	5,390,110	2,636,866	2,887	80,260	9,032	198,866

**Cost of Service Summary
Rate Design Factors -- BUNDLED**

Line No.	Category	Units	Total	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)	
47	Costs Broken Down by Function											
48	Power Supply											
49	Direct											
50	Wholesale Cost	\$/Mo./cons										
51	Allocated Cost	\$/Mo./cons										
52	Subtotal											
53	Capacity Related											
54	Wholesale Cost	¢/kWh	1.87	1.97	2.11	2.01	1.42	4.82	2.38	4.56	1.23	
55	Allocated Cost	¢/kWh										
56	Subtotal	¢/kWh	1.87	1.97	2.11	2.01	1.42	4.82	2.38	4.56	1.23	
57	Energy Related											
58	Wholesale Cost	¢/kWh	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	
59	Allocated Cost	¢/kWh										
60	Subtotal	¢/kWh	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	
61	Sub. Power Supply	¢/kWh	7.16	7.26	7.40	7.29	6.70	10.11	7.67	9.84	6.51	
62	Transmission											
63	Direct	¢/kWh										
64	Capacity	¢/kWh	0.25	0.26	0.28	0.27	0.19	0.63	0.32	0.59	0.32	
65	Energy	¢/kWh										
66	Allocated Cost	¢/kWh										
67	Sub. Transmission	¢/kWh	0.25	0.26	0.28	0.27	0.19	0.63	0.32	0.59	0.32	
68	Distribution											
69	Direct	\$/Mo./cons	0.48								1.57	
70	Consumer	\$/Mo./cons	10.78	14.45	16.12	16.82	18.28	14.45	14.45	17.46	0.72	
71	Capacity	¢/kWh	2.23	2.37	2.51	2.34	1.69	5.66	2.80	5.39	2.79	
72	Energy	¢/kWh										
73	Sub. Distribution	¢/kWh	2.91	3.59	4.91	2.55	1.70	30.30	3.44	7.47	6.81	
74	Total	¢/kWh	10.32	11.12	12.59	10.11	8.59	41.03	11.43	17.90	13.64	
75	Costs Broken Down by Classification											
76	Direct	\$/Mo./cons	0.48								1.57	
77	Consumer	\$/Mo./cons	10.78	14.45	16.12	16.82	18.28	14.45	14.45	17.46	0.72	
78	Capacity	¢/kWh	4.35	4.61	4.91	4.62	3.30	11.11	5.50	10.54	4.33	
79	Energy	¢/kWh	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	
80	Total		10.32	11.12	12.59	10.11	8.59	41.03	11.43	17.90	13.64	

Classification of Plant in Service -- BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Total	Power Supply Energy Capacity	Transmission Energy Capacity	Dist. Substation Capacity Cons.	Primary Line Capacity Cons.	Line Transf. Capacity Cons.	Second. & Serv. Cons.	Meter & Serv. Cons.	Acct. & Serv. Cons.	Revenue
1		Intangible Plant											
2	301	Organization	PLNT										
3	302	Franchises and consents	PLNT										
4	303	Miscellaneous intangible plant	PLNT										
5	301-303	Subtotal											
6													
7		Production Plant											
8	310-346	Production Plant	PROD1										
9													
10		Transmission Plant											
11	350-359	Transmission Plant	TRAN1	9,132,536		9,132,536							
12													
13		Distribution Plant											
14	360	Land	LAND	18,966			18,966						
15	361	Structures	SUB	42,674			42,674						
16	362	Station	SUB	1,843,961			1,843,961						
17	363	Battery	SUB										
18	364	Poles, towers	PRI	5,274,736				5,274,736					
19	365	OH Cond	PRI	4,975,303				4,975,303					
20	366	UG Conduit	PRI	55,528				55,528					
21	367	UG Cond	PRI	176,872				176,872					
22	368	Transf	TRF	766,126					766,126				
23	369	Services	SERV										
24	370	Meters	MTR	1,240,017							1,240,017		
25	371	Cons Premisc	ICON	470,236									
26	372	Leased Prop	LICON										
27	373	St. Light	STL										
28	360-373	Subtotal		14,864,419			1,905,601	10,482,439	766,126		1,240,017		
29													
30		General Plant											
31	389	Land & Land Rights	PLNT	2,785		1,060	221	1,217	89		144		
32	390	Structures and Improve.	PLNT	1,073,732		408,631	85,265	469,032	34,280		55,484		
33	391	Office Furniture & Equip.	PLNT	46,668		17,760	3,706	20,386	1,490		2,412		
34	392	Transportation & Equipment	PLNT	167,997		63,935	13,341	73,385	5,363		8,681		
35	393	Stores Equipment	PLNT	29,777		11,332	2,365	13,007	951		1,539		
36	394	Tool, Shop & Garage Equip.	PLNT	17,215		6,552	1,367	7,520	550		890		
37	395	Laboratory Equipment	PLNT	17,452		6,642	1,386	7,623	557		902		
38	396	Power Operated Equipment	PLNT	908,543		345,765	72,148	396,873	29,006		46,948		
39	397	Communication Equipment	PLNT	57,870		22,024	4,595	25,279	1,848		2,990		
40	398	Miscellaneous Equipment	PLNT										
41	399	Other tangible property	PLNT										
42	389-399	Subtotal		2,322,039		883,700	184,393	1,014,322	74,133		119,989		
43													
44		Total Plant		26,318,994		10,016,236	2,089,994	11,496,761	840,259		1,360,006		

Classification of Plant in Service – BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Total	Residential	GS Small	GS Large	Industrial	Municipal	Water	Lighting	
					(09-RS) Direct	(09-GSS) Direct	(09-GSL) Direct	(09-IS) Direct	(09-M-I) Direct	(09-WP) Direct	(09-IP-I) Direct	(PAL-SL-I, DOL-I) (PAL-I, SL-I) Direct
1		Intangible Plant										
2	301	Organization	PLNT									
3	302	Franchises and consents	PLNT									
4	303	Miscellaneous intangible plant	PLNT									
5	301-303	Subtotal										
6												
7		Production Plant										
8	310-346	Production Plant	PRODI									
9												
10		Transmission Plant										
11	350-359	Transmission Plant	TRANI	9,132,536								
12												
13		Distribution Plant										
14	360	Land	LAND	18,966								
15	361	Structures	SUB	42,674								
16	362	Station	SUB	1,843,961								
17	363	Battery	SUB									
18	364	Poles, towers	PRI	5,274,736								
19	365	OH Cond	PRI	4,975,303								
20	366	UG Conduit	PRI	55,528								
21	367	UG Cond	PRI	176,872								
22	368	Transf	TRF	766,126								
23	369	Services	SERV									
24	370	Meters	MTR	1,240,017								
25	371	Cons Premise	ICON	470,236								470,236
26	372	Leased Prop	LICON									
27	373	St. Light	STL									
28	360-373	Subtotal		14,864,419								470,236
29												
30		General Plant										
31	389	Land & Land Rights	PLNT	2,785								55
32	390	Structures and Improve.	PLNT	1,073,732								21,040
33	391	Office Furniture & Equip.	PLNT	46,668								914
34	392	Transportation & Equipment	PLNT	167,997								3,292
35	393	Stores Equipment	PLNT	29,777								583
36	394	Tool, Shop & Garage Equip.	PLNT	17,215								337
37	395	Laboratory Equipment	PLNT	17,452								342
38	396	Power Operated Equipment	PLNT	908,543								17,803
39	397	Communication Equipment	PLNT	57,870								1,134
40	398	Miscellaneous Equipment	PLNT									
41	399	Other tangible property	PLNT									
42	389-399	Subtotal		2,322,039								45,502
43												
44		Total Plant		26,318,994								515,738

Classification of Revenue Requirements – BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Power Supply		Transmission		Dist. Substation		Primary Line		Line Transf.		Second. & Serv. Cons.	Meter Cons.	Acct. & Serv. Cons.	Revenue
				Energy	Capacity	Energy	Capacity	Capacity	Cons.	Capacity	Cons.	Capacity	Cons.				
1		Power Supply															
2		Production															
3	500-557	Fuel	FUEL														
4	500-557	Non-Fuel O&M - Demand	PROD1														
5	500-557	Non-Fuel O&M - Energy	PROD1														
6		Subtotal - Production															
7		Purchases															
8	555	Direct Assign. Chgs (Cr.)															
9	555	Substation Charges	SUB														
10	555	Demand Charges	PURKW-1	2,576,780	2,576,780												
11	555	Summer	PURKW-2														
12	555	Winter	PURKW-3														
13	555	Other	PURKW-4														
14	555	Energy Charges	PURKWH-1	7,286,208	7,286,208												
15	555	On-Peak	PURKWH-2														
16	555	Off-Peak	PURKWH-3														
17	555	Revenue Related Charges	REV														
18		Subtotal - Purchases		9,862,987	7,286,208	2,576,780											
19	500-557	Total Power Supply		9,862,987	7,286,208	2,576,780											
20																	
21		Transmission															
22	560-573	Operation & Maintenance	TRAN1	93,226			93,226										
23	555	Transmission - G&T Charges	TRAN2														
24		Total Transmission		93,226			93,226										
25																	
26		Distribution															
27	580	Oper. Super & Eng.	EX1	94,937				12,833		70,498					11,197		
28	581	Load Dispatch	EX1														
29	582	Oper. Station	SUB	109,174				109,174									
30	583	Oper. OH Line	PRI	498,029						498,029							
31	584	Oper. UG Line	PRI	3,254						3,254							
32	585	Oper. St. Lighting	STL	3,480													
33	586	Oper. Meters	MTR	95,257											95,257		
34	587	Oper. Cons. Install	ICON	98,467						98,467							
35	588	Oper. Misc. Oper.	EX1	37,966				5,132		28,193					4,478		
36	589	Rents	EX1														
37	590	Main. Super. & Eng.	EX2	13,930				46		13,730		123			32		
38	591	Main. Structure	SUB														
39	592	Main. Station	SUB	2,427				2,427									
40	593	Main. OH Line	PRI	718,481						718,481							
41	594	Main. UG Line	PRI	6,542						6,542							
42	595	Main. Line Transf.	TRF	6,469								6,469					
43	596	Main. St. Lighting	STL														
44	597	Main. Meters	MTR	1,685											1,685		
45	598	Main. Misc. Dist.	EX2														
46	580-598	Subtotal		1,690,099				129,612		1,437,194		6,591			112,649		

Classification of Revenue Requirements – BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Total	Residential	GS Small	GS Large	Industrial	Municipal	Water	Irrigation	Lighting
					(09-RS) Direct	(09-GSS) Direct	(09-GSL) Direct	(09-IS) Direct	(09-M-I) Direct	(09-WP) Direct	(09-IP-I) Direct	(PAL-SL-I, DOL-I) (PAL-I, SL-I) Direct
1		Power Supply										
2		Production										
3	500-557	Fuel	FUEL									
4	500-557	Non-Fuel O&M - Demand	PROD1									
5	500-557	Non-Fuel O&M - Energy	PROD1									
6		Subtotal - Production										
7		Purchases										
8	555	Direct Assign. Chgs (Cr.)										
9	555	Substation Charges	SUB									
10	555	Demand Charges	PURKW-1	2,576,780								
11	555	Summer	PURKW-2									
12	555	Winter	PURKW-3									
13	555	Other	PURKW-4									
14	555	Energy Charges	PURKWH-1	7,286,208								
15	555	On-Peak	PURKWH-2									
16	555	Off-Peak	PURKWH-3									
17	555	Revenue Related Charges	REV									
18		Subtotal - Purchases		9,862,987								
19	500-557	Total Power Supply		9,862,987								
20												
21		Transmission										
22	560-573	Operation & Maintenance	TRAN1	93,226								
23	555	Transmission - G&T Charges	TRAN2									
24		Total Transmission		93,226								
25												
26		Distribution										
27	580	Oper. Super & Eng.	EX1	94,937								409
28	581	Load Dispatch	EX1									
29	582	Oper. Station	SUB	109,174								
30	583	Oper. OH Line	PRI	498,029								
31	584	Oper. UG Line	PRI	3,254								
32	585	Oper. St. Lighting	STL	3,480								3,480
33	586	Oper. Meters	MTR	95,257								
34	587	Oper. Cons. Install	ICON	98,467								
35	588	Oper. Misc. Oper.	EX1	37,966								164
36	589	Rents	EX1									
37	590	Main. Super. & Eng.	EX2	13,930								
38	591	Main. Structure	SUB									
39	592	Main. Station	SUB	2,427								
40	593	Main. OH Line	PRI	718,481								
41	594	Main. UG Line	PRI	6,542								
42	595	Main. Line Transf.	TRF	6,469								
43	596	Main. St. Lighting	STL									
44	597	Main. Meters	MTR	1,685								
45	598	Main. Misc. Dist.	EX2									
46	580-598	Subtotal		1,690,099								4,052

Classification of Revenue Requirements – BUNDLED

(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Power Supply Energy	Capacity	Transmission Energy	Capacity	Dist. Substation Capacity	Cons.	Primary Line Capacity	Cons.	Line Transf. Capacity	Cons.	Second. & Serv. Cons.	Meter Cons.	Acct. & Serv. Cons.	Revenue
47		Consumer Acct., Service & Sales																
48		Consumer Accounting																
49	901	Supervision	CACC															
50	902	Meter Reading Expense	CACC	152,750														152,750
51	903	Records & Collections	CACC	214,429														214,429
52	904	Uncollectible Accounts	CACC	23,981														23,981
53	905	Misc. Customer Account	CACC															
54		Subtotal		391,159														391,159
55																		
56		Consumer Service & Info.																
57	907	Supervision	CS	17,125														17,125
58	908	Customer Assistance	CS	55,203														55,203
59	909	Info. & Instruction	CS	23,039														23,039
60	910	Misc. Cust Serv. & Info	CS	9,140														9,140
61		Subtotal		104,508														104,508
62																		
63		Sales																
64	911	Supervision	SALES															
65	912	Demonstrating & Selling	SALES															
66	913	Advertising	SALES															
67	916	Misc. Sales	SALES															
68		Subtotal																
69																		
70		Prorated Operating Expenses																
71	920-	Administrative & General																
72	932	Power Supply	EX6-PS															
73		Transmission	EX6-TR															
74		Distribution	EX6-D	695,064			41,216		457,021		2,096				35,822		157,620	
75		Subtotal - A&G		695,064			41,216		457,021		2,096				35,822		157,620	
76																		
77	408	Other Taxes																
78		Power Supply	EX6-PS															
79		Transmission	EX6-TR															
80		Distribution	EX6-D															
81		Subtotal - Other Taxes																
82																		
83	421-	Miscellaneous Expense																
84	426,431	Power Supply	EX6-PS															
85		Transmission	EX6-TR															
86		Distribution	EX6-D	31,558			1,871		20,750		95				1,626		7,156	
87		Subtotal - Misc. Expense		31,558			1,871		20,750		95				1,626		7,156	

Classification of Revenue Requirements -- BUNDLED

(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Residential	GS Small	GS Large	Industrial	Municipal	Water		Lighting
					(09-RS) Direct	(09-GSS) Direct	(09-GSL) Direct	(09-IS) Direct	(09-M-I) Direct	Pumping (09-WP) Direct	Irrigation (09-IP-I) Direct	(PAL-SL-I, DOL-I) (PAL-I, SL-I) Direct
47		Consumer Acct., Service & Sales										
48		Consumer Accounting										
49	901	Supervision	CACC									
50	902	Meter Reading Expense	CACC	152,750								
51	903	Records & Collections	CACC	214,429								
52	904	Uncollectible Accounts	CACC	23,981								
53	905	Misc. Customer Account	CACC									
54		Subtotal		391,159								
55												
56		Consumer Service & Info.										
57	907	Supervision	CS	17,125								
58	908	Customer Assistance	CS	55,203								
59	909	Info. & Instruction	CS	23,039								
60	910	Misc. Cust Serv. & Info	CS	9,140								
61		Subtotal		104,508								
62												
63		Sales										
64	911	Supervision	SALES									
65	912	Demonstrating & Selling	SALES									
66	913	Advertising	SALES									
67	916	Misc. Sales	SALES									
68		Subtotal										
69												
70		Prorated Operating Expenses										
71	920-	Administrative & General										
72	932	Power Supply	EX6-PS									
73		Transmission	EX6-TR									
74		Distribution	EX6-D	695,064								1,289
75		Subtotal - A&G		695,064								1,289
76												
77	408	Other Taxes										
78		Power Supply	EX6-PS									
79		Transmission	EX6-TR									
80		Distribution	EX6-D									
81		Subtotal - Other Taxes										
82												
83	421-	Miscellaneous Expense										
84	426,431	Power Supply	EX6-PS									
85		Transmission	EX6-TR									
86		Distribution	EX6-D	31,558								59
87		Subtotal - Misc. Expense		31,558								59

Classification of Revenue Requirements -- BUNDLED
(Continued)

Line No.	Acct. No.	Description	Class. Factor	Power Supply		Transmission		Dist. Substation		Primary Line		Line Transf.		Second.	Meter	Acct.	Revenue
				Energy	Capacity	Energy	Capacity	Capacity	Cons.	Capacity	Cons.	Capacity	Cons.	Cons.	Cons.	Cons.	
88		Fixed Charges															
89	403-	Depreciation															
90	407	Power Supply	PROPLNT														
91		Transmission	TRNPLNT	253,686		253,686											
92		Distribution	DSTPLNT	347,694				44,574		245,195		17,920			29,005		
93		Subtotal - Depreciation		601,380		253,686		44,574		245,195		17,920			29,005		
94																	
95	408	Property Taxes															
96		Power Supply	REV														
97		Transmission	REV														
98		Distribution	REV														
99		Subtotal - Property Taxes															
100																	
101	427	Interest-LT															
102		Power Supply	PROPLNT														
103		Transmission	TRNPLNT														
104		Distribution	DSTPLNT	375,685				48,162		264,934		19,363			31,340		
105		Subtotal - Interest-LT		375,685				48,162		264,934		19,363			31,340		
106																	
107		Required Margin															
108		Power Supply	PROPLNT														
109		Transmission	TRNPLNT														
110		Distribution	DSTPLNT	375,685				48,162		264,934		19,363			31,340		
111		Subtotal - Required Margin		375,685				48,162		264,934		19,363			31,340		
112																	
113		Summary of Revenue Requirements															
114		Power Supply		9,862,987	7,286,208	2,576,780											
115		Transmission		346,912			346,912										
116		Distribution		4,011,452				313,598		2,690,029		65,429			241,784	660,443	
117		Total Revenue Required		14,221,351	7,286,208	2,576,780	346,912	313,598		2,690,029		65,429			241,784	660,443	

Classification of Revenue Requirements – BUNDLED
(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Residential	GS Small	GS Large	Industrial	Municipal	Water	Irrigation	Lighting
					(09-RS) Direct	(09-GSS) Direct	(09-GSL) Direct	(09-IS) Direct	(09-M-I) Direct	(09-WP) Direct	(09-IP-I) Direct	(PAL-SL-I, DOL-I) (PAL-I, SL-I) Direct
88		Fixed Charges										
89	403-	Depreciation										
90	407	Power Supply	PROPLNT									
91		Transmission	TRNPLNT	253,686								
92		Distribution	DSTPLNT	347,694								10,999
93		Subtotal - Depreciation		601,380								10,999
94												
95	408	Property Taxes										
96		Power Supply	REV		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
97		Transmission	REV		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
98		Distribution	REV		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
99		Subtotal - Property Taxes										
100												
101	427	Interest-LT										
102		Power Supply	PROPLNT									
103		Transmission	TRNPLNT									
104		Distribution	DSTPLNT	375,685								11,885
105		Subtotal - Interest-LT		375,685								11,885
106												
107		Required Margin										
108		Power Supply	PROPLNT									
109		Transmission	TRNPLNT									
110		Distribution	DSTPLNT	375,685								11,885
111		Subtotal - Required Margin		375,685								11,885
112												
113		Summary of Revenue Requirements										
114		Power Supply		9,862,987								
115		Transmission		346,912								
116		Distribution		4,011,452								40,168
117		Total Revenue Required		14,221,351								40,168

**Schedule B
Adjusted Statement of Operations
and Revenue Requirements**

(a) Line No.	(b) Description	(c) Total System ¹	(d) Adjustment ²	(e) LAC Revenue Credits ³	(f) Adjusted System
		(\$)	(\$)		(\$)
	Operating Revenue				
1	Sales of Electricity	17,368,610	(3,520,885)	(527,929)	13,319,795
2	Consumer Penalties	22,306			22,306
3	Other	30,848			30,848
4	Total Operating Revenue	17,421,764	(3,520,885)	(527,929)	13,372,950
	Operating Expenses				
6	Cost of Purchased Power				
7	Demand	3,313,871	(737,091)		2,576,780
8	Energy	9,927,757	(2,641,549)		7,286,208
9	Transmission - O & M	189,752	-	(96,526)	93,226
10	Distribution - Operation	968,154	(27,590)		940,564
11	Distribution - Maintenance	777,125	(27,590)		749,535
12	Consumer Accounts	391,159	-		391,159
13	Consumer Service & Information	104,508	-		104,508
14	Sales	-	-		-
15	Administrative & General	727,969	(27,590)	(5,315)	695,064
16	Depreciation & Amortization	735,617	(27,590)	(106,646)	601,380
17	Taxes - Property	-	-		-
18	Taxes - Other	-	-		-
19	Other Interest Expense	31,558	-		31,558
20	Other Deductions	-	-		-
21	Expenses				
22	Term Interest)	17,167,469	(3,489,000)	(208,487)	13,469,982
23	Long Term Interest	491,856	(27,590)	(88,581)	375,685
24	Required Margin ⁴	491,856	(27,590)	(88,581)	375,685
25	Revenue Requirements	18,151,181	(3,544,179)	(385,650)	14,221,351

¹ See Exhibit (RJM-WE-2), page 1.

² See page 13 for calculation of adjustment to exclude Contract Consumers.

³ Credits related to revenue generated by the Local Access Rate developed in Exhibit (RJM-WE-5).

⁴ Required Net Operating Income less Long Term Interest. See calculation below:

$$983,712 - \$491,856 = \$491,856$$

Schedule B
Adjustment to Eliminate Revenue
and Expenses Associated with Non-Adjustable Rates

1. Revenue	Present (\$)	Proposed (\$)
a. Interruptible Industrial Service (09-INT) =	150,063	150,063
b. Sub-Transmission & Transmission Level Service (09-STR) =	3,369,301	3,392,594
c. Temporary Service (09-CS) =	1,522	1,522
e. Total -- Revenue	3,520,885	3,544,179
2. Expenses		
a. Purchased Power Expenses		
Energy Charges:		
Interruptible Industrial Service (09-INT) ²		
Energy 1,582,319 kWh \$0.048646 /kWh =		76,973
Sub-Transmission & Transmission Level Service (09-STR) ²		
Energy 52,710,039 kWh \$0.048646 /kWh =		2,564,133
Temporary Service (09-CS) ²		
Energy 9,114 kWh \$0.048646 /kWh =		443
	Subtotal -- Energy Expenses	2,641,549
Demand Charges:		
Interruptible Industrial Service (09-INT) ²		
4,554 kW \$ 9.21 /kW =		41,962
		41,962
Sub-Transmission & Transmission Level Service (09-STR) ²		
75,439 kW \$ 9.21 /kW =		695,129
		695,129
Temporary Service (09-CS) ²		
kW x /kW =		-
		-
	Subtotal -- Demand Expenses	737,091
Total -- Purchased Power Expenses		3,378,641
b. Distribution - Operation =		27,590 ³
c. Distribution - Maintenance =		27,590 ³
d. Administrative and General =		27,590 ³
e. Depreciation =		27,590 ³
f. Interest =		27,590 ³
g. Margin Requirements =		27,590 ³
h. Subtotal		165,539
i. Total -- Expenses		\$ 3,544,179

¹ From Exhibit _____ (RJM-WE-2), Schedule A.

² From Exhibit _____ (RJM-WE-2), Schedule B.

³ Split remainder of revenue approximately equal between Distribution Operation and Maintenance, Administration and General, Depreciation, Interest and Margin Requirements.

Summary of Classification Factors -- BUNDLED

Line No.	Name	Description	Source	Total	Power Supply		Transmission		Dist. Substation		Primary Line		Line Transf.		Second. & Serv. Cons.	Meter Cons.	Acct. & Serv. Cons.	Revenue
					Energy	Cap.	Energy	Capacity	Cap.	Cons.	Cap.	Cons.	Cap.	Cons.				
<u>Classification Factor Data</u>																		
1	PROPLNT	Production Plant	Plant															
2	TRNPLNT	Transmission Plant	Plant	9,132,536			9,132,536											
3	DSTPLNT	Distribution Plant	Plant	14,864,419					1,905,601		10,482,439		766,126				1,240,017	
4	PLNT	Prod, Trans, Dist. Subtotal	Plant	23,996,955			9,132,536		1,905,601		10,482,439		766,126				1,240,017	
5	EX1	Assigned Dist. Oper. Exp.	Rev Req	807,661					109,174		599,750						95,257	
6	EX2	Assigned Dist. Main. Exp.	Rev Req	735,605					2,427		725,023		6,469				1,685	
7	EX3	Dist. Oper. & Main.	Rev Req	1,690,099					129,612		1,437,194		6,591				112,649	
8	EX4	Assigned O & M Exp.	Rev Req	12,141,979	7,286,208	2,576,780		93,226	129,612		1,437,194		6,591				112,649	495,667
9	EX4-PS	Power Supply	Rev Req	9,862,987	7,286,208	2,576,780												
10	EX4-TR	Transmission	Rev Req	93,226				93,226										
11	EX4-D	Distribution	Rev Req	2,185,766					129,612		1,437,194		6,591				112,649	495,667
12	EX5	Rev. Req. Less Margin	Rev Req	13,120,391	7,286,208	2,576,780		346,912	222,348		1,947,323		43,875				172,995	495,667
13	EX5-PS	Power Supply	Rev Req	9,862,987	7,286,208	2,576,780												
14	EX5-TR	Transmission	Rev Req	346,912				346,912										
15	EX5-D	Distribution	Rev Req	2,910,492					222,348		1,947,323		43,875				172,995	495,667

Summary of Classification Factors – BUNDLED

Line No.	Name	Description	Source	Total	Residential	GS Small	GS Large	Industrial	Municipal	Water	Irrigation	Lighting
					(09-RS) Direct	(09-CSS) Direct	(09-GSL) Direct	(09-IS) Direct	(09-M-1) Direct	(09-WP) Direct	(09-IP-1) Direct	(PAL-SL-1, DOL-1) (PAL-1, SL-1) Direct
Classification Factor Data												
1	PROPLNT	Production Plant	Plant									
2	TRNPLNT	Transmission Plant	Plant	9,132,536								
3	DSTPLNT	Distribution Plant	Plant	14,864,419								470,236
4	PLNT	Prod, Trans, Dist. Subtotal	Plant	23,996,955								470,236
5	EX1	Assigned Dist. Oper. Exp.	Rev Req	807,661								3,480
6	EX2	Assigned Dist. Main. Exp.	Rev Req	735,605								
7	EX3	Dist. Oper. & Main.	Rev Req	1,690,099								4,052
8	EX4	Assigned O & M Exp.	Rev Req	12,141,979								4,052
9	EX4-PS	Power Supply	Rev Req	9,862,987								
10	EX4-TR	Transmission	Rev Req	93,226								
11	EX4-D	Distribution	Rev Req	2,185,766								4,052
12	EX5	Rev. Req. Less Margin	Rev Req	13,120,391								28,283
13	EX5-PS	Power Supply	Rev Req	9,862,987								
14	EX5-TR	Transmission	Rev Req	346,912								
15	EX5-D	Distribution	Rev Req	2,910,492								28,283

Summary of Classification Factors -- BUNDLED

Line No.	Name	Description	Source	Total	Power Supply		Transmission		Dist. Substation		Primary Line		Line Transf.		Second. & Serv. Cons.	Meter Cons.	Acct. & Serv. Cons.	Revenue	
					Energy	Cap.	Energy	Capacity	Cap.	Cons.	Cap.	Cons.	Cap.	Cons.					
16	Classification Factors																		
17	CACC	Consumer Accounting	Input	1.000000														1.000000	
18	CS	Customer Service	Input	1.000000														1.000000	
19	CS-PS	Cust. Service - Pwr. Supply	Input																
20	CS-TR	Cust. Service - Transmission	Input																
21	CS-D	Cust. Service - Distribution	Input	1.000000														1.000000	
22	SALES	Sales	Input	1.000000														1.000000	
23	SALES-PS	Sales - Power Supply	Input																
24	SALES-TR	Sales - Transmission	Input																
25	SALES-D	Sales - Distribution	Input	1.000000														1.000000	
26	PROPLNT	Production Plant	Plant																
27	TRNPLNT	Transmission Plant	Plant	1.000000				1.000000											
28	DSTPLNT	Distribution Plant	Plant	1.000000					0.128199		0.705203		0.051541			0.083422			
29	PLNT	Prod, Trans, Dist. Subtotal	Plant	1.000000				0.380571	0.079410		0.436824		0.031926			0.051674			
30	EX1	Assigned Dist. Oper. Exp.	Rev Req	1.000000					0.135173		0.742577					0.117942			
31	EX2	Assigned Dist. Main. Exp.	Rev Req	1.000000					0.003300		0.985615		0.008794			0.002291			
32	EX3	Dist. Oper. & Main.	Rev Req	1.000000					0.076689		0.850361		0.003900			0.066652			
33	EX4	Assigned O & M Exp.	Rev Req	1.000000	0.600084	0.212221		0.007678	0.010675		0.118366		0.000543			0.009278	0.040823		
34	EX4-PS	Power Supply	Rev Req	0.812305	0.600084	0.212221													
35	EX4-TR	Transmission	Rev Req	0.007678				0.007678											
36	EX4-D	Distribution	Rev Req	0.180017					0.010675		0.118366		0.000543			0.009278	0.040823		
37	EX5	Rev. Req. Less Margin	Rev Req	1.000000	0.555335	0.196395		0.026441	0.016947		0.148420		0.003344			0.013185	0.037778		
38	EX5-PS	Power Supply	Rev Req	0.751730	0.555335	0.196395													
39	EX5-TR	Transmission	Rev Req	0.026441				0.026441											
40	EX5-D	Distribution	Rev Req	0.221830					0.016947		0.148420		0.003344			0.013185	0.037778		
41	EX6	A&G Classification	Input	1.000000					0.059298		0.657524		0.003016			0.051538	0.226770		
42	EX6-PS	Power Supply	Input																
43	EX6-TR	Transmission	Input																
44	EX6-D	Distribution	Input	1.000000					0.059298		0.657524		0.003016			0.051538	0.226770		
45	FUEL	Fuel	Input																
46	ICON	Install Cons. Prem.	Input	1.000000							1.000000								
47	LAND	Land & Land Rights	Input	1.000000					1.000000										
48	LICON	Leased Property	Input	1.000000							1.000000								
49	MTR	Meters	Input	1.000000												1.000000			
50	PRI	Primary Line	Input	1.000000							1.000000								
51	PROD1	Production Plant	Input																
52	PROD2	Production O & M	Input																
53	PURTR-1	Trans. Capacity	Input	1.000000				1.000000											
54	PURTR-2	Trans. Energy	Input	1.000000	1.000000														
55	PURKW-1	Purchased Power Capacity	Input	1.000000		1.000000													
56	PURKW-2	Summer	Input	1.000000		1.000000													
57	PURKW-3	Winter	Input	1.000000		1.000000													
58	PURKW-4	Other	Input	1.000000		1.000000													
59	PURKW1-1	Purchased Power Energy	Input	1.000000	1.000000														
60	PURKW1-2	On-Peak	Input	1.000000	1.000000														
61	PURKW1-3	Off-Peak	Input	1.000000	1.000000														
60	SERV	Services	Input	1.000000										1.000000					
61	STL	Street Lighting	Input																
62	SUB	Substation	Input	1.000000					1.000000										
63	TRAN1	Transmission Plant	Input	1.000000				1.000000											
64	TRAN2	Transmission Purchases	Input																
65	TRF	Line Transf.	Input	1.000000									1.000000						
66	REV	Revenue Related	Input	1.000000														1.000000	
67	USER01	User Defined 01	Input																
68	USER02	User Defined 02	Input																
69	USER03	User Defined 03	Input																

Summary of Classification Factors -- BUNDLED

Line No.	Name	Description	Source	Total	Residential	GS Small	GS Large	Industrial	Municipal	Water	Irrigation	Lighting	
					(09-RS) Direct	(09-GSS) Direct	(09-GSL) Direct	(09-IS) Direct	(09-M-1) Direct	(09-WP) Direct	(09-IP-1) Direct	(PAL-SL-I, DOL-I) (PAL-I, SL-I) Direct	
16	Classification Factors												
17	CACC	Consumer Accounting	Input	1.000000									
18	CS	Customer Service	Input	1.000000									
19	CS-PS	Cust. Service - Pwr. Supply	Input										
20	CS-TR	Cust. Service - Transmission	Input										
21	CS-D	Cust. Service - Distribution	Input	1.000000									
22	SALES	Sales	Input	1.000000									
23	SALES-PS	Sales - Power Supply	Input										
24	SALES-TR	Sales - Transmission	Input										
25	SALES-D	Sales - Distribution	Input	1.000000									
26	PROPLNT	Production Plant	Plant										
27	TRNPLNT	Transmission Plant	Plant	1.000000									
28	DSTPLNT	Distribution Plant	Plant	1.000000								0.031635	
29	PLNT	Prod. Trans. Dist. Subtotal	Plant	1.000000								0.019596	
30	EX1	Assigned Dist. Oper. Exp.	Rev Req	1.000000								0.004308	
31	EX2	Assigned Dist. Main. Exp.	Rev Req	1.000000									
32	EX3	Dist. Oper. & Main.	Rev Req	1.000000								0.002398	
33	EX4	Assigned O & M Exp.	Rev Req	1.000000								0.000334	
34	EX4-PS	Power Supply	Rev Req	0.812305									
35	EX4-TR	Transmission	Rev Req	0.007678									
36	EX4-D	Distribution	Rev Req	0.180017								0.000334	
37	EX5	Rev. Req. Less Margin	Rev Req	1.000000								0.002156	
38	EX5-PS	Power Supply	Rev Req	0.751730									
39	EX5-TR	Transmission	Rev Req	0.026441									
40	EX5-D	Distribution	Rev Req	0.221830								0.002156	
41	EX6	A&G Classification	Input	1.000000								0.001854	
42	EX6-PS	Power Supply	Input										
43	EX6-TR	Transmission	Input										
44	EX6-D	Distribution	Input	1.000000								0.001854	
45	FUEL	Fuel	Input										
46	ICON	Install Cons. Prem.	Input	1.000000									
47	LAND	Land & Land Rights	Input	1.000000									
48	LICON	Leased Property	Input	1.000000									
49	MTR	Meters	Input	1.000000									
50	PRI	Primary Line	Input	1.000000									
51	PROD1	Production Plant	Input										
52	PROD2	Production O & M	Input										
53	PURTR-1	Trans. Capacity	Input	1.000000									
54	PURTR-2	Trans. Energy	Input	1.000000									
55	PURKW-1	Purchased Power Capacity	Input	1.000000									
56	PURKW-2	Summer	Input	1.000000									
57	PURKW-3	Winter	Input	1.000000									
58	PURKW-4	Other	Input	1.000000									
59	PURKWI-1	Purchased Power Energy	Input	1.000000									
60	PURKWI-2	On-Peak	Input	1.000000									
61	PURKWI-3	Off-Peak	Input	1.000000									
60	SERV	Services	Input	1.000000									
61	STL	Street Lighting	Input										
62	SUB	Substation	Input	1.000000									
63	TRAN1	Transmission Plant	Input	1.000000									
64	TRAN2	Transmission Purchases	Input										
65	TRF	Line Transf.	Input	1.000000									
66	REV	Revenue Related	Input	1.000000									
67	USER01	User Defined 01	Input										
68	USER02	User Defined 02	Input										
69	USER03	User Defined 03	Input										

Summary of Allocation of Revenue Requirements to Rate Classes -- BUNDLED

Line No.	Cost Classification	Alloc. Factor	Total	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)
1	Power Supply										
2	Wholesale Power										
3	Direct Assigned Charges (Credits)	Direct									
4	Demand Related	D7	2,576,780	799,033	236,024	1,069,119	435,340	339	16,742	2,299	17,882
5	Demand Related - Summer	D4									
6	Demand Related - Winter	D5									
7	Demand Related - Other	D6									
8	Subtotal - Demand		2,576,780	799,033	236,024	1,069,119	435,340	339	16,742	2,299	17,882
9	Energy Related	E1	7,286,208	2,138,506	590,168	2,818,371	1,621,920	372	37,131	2,667	77,074
10	Energy Related - On-Peak	E2									
11	Energy Related - Off-Peak	E3									
12	Subtotal - Energy		7,286,208	2,138,506	590,168	2,818,371	1,621,920	372	37,131	2,667	77,074
13	Revenue Related	R2									
14	Subtotal - Wholesale		9,862,987	2,937,539	826,192	3,887,491	2,057,259	711	53,874	4,965	94,956
15	Allocated Overhead & Margin										
16	Direct Related	Direct									
17	Revenue Related	R2									
18	Demand Related	D7									
19	Energy Related	E1									
20	Subtotal - Allocated										
21	Subtotal - Power Supply		9,862,987	2,937,539	826,192	3,887,491	2,057,259	711	53,874	4,965	94,956
22											
23	Transmission										
24	Direct Assigned	Direct									
25	Demand Related	D9	346,912	106,655	31,419	142,618	59,052	44	2,219	300	4,606
26	Energy Related	E1									
27	Subtotal--Transmission		346,912	106,655	31,419	142,618	59,052	44	2,219	300	4,606
28	Allocated Overhead & Margin										
29	Direct Related	Direct									
30	Revenue Related	R2									
31	Demand Related	D9									
32	Energy Related	E1									
33	Subtotal - Allocated										
34	Subtotal - Transmission		346,912	106,655	31,419	142,618	59,052	44	2,219	300	4,606
35											
36	Distribution										
37	Power Supply	-Energy									
38	Dist. Sub.	-Capacity	313,598	96,413	28,402	128,922	53,381	40	2,006	271	4,163
39	Dist. Sub.	-Consumer									
40	Primary Line	-Capacity	2,690,029	827,026	243,629	1,105,886	457,903	342	17,206	2,324	35,713
41	Primary Line	-Consumer									
42	Line Transf.	-Capacity	65,429	35,142	8,215	14,969	5,759	16	449	125	755
43	Line Transf.	-Consumer									
44	Sec. & Serv.	-Consumer									
45	Meter	-Consumer	241,784	113,806	83,170	37,357	1,375	399	1,037	381	4,258
46	Acct. & Serv.	-Consumer	660,443	380,752	184,971	72,867	2,135	1,335	3,470	667	14,246
47	Revenue Related	-Revenue									
48	Direct Assigned	Direct	40,168								40,168
49	Subtotal - Distribution		4,011,452	1,453,139	548,386	1,360,002	520,554	2,132	24,168	3,767	99,304
50	Total		14,221,351	4,497,333	1,405,997	5,390,110	2,636,866	2,887	80,260	9,032	198,866

Allocation of Plant in Service To Rate Classes – BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)
1		Intangible Plant										
2	301	Organization	PLNT									
3	302	Franchises and consents	PLNT									
4	303	Miscellaneous intangible plant	PLNT									
5	301-303	Subtotal	PLNT									
6												
7		Production Plant										
8	310-346	Production Plant	PROD1									
9												
10		Transmission Plant										
11	350-359	Transmission Plant	TRAN1	9,132,536	2,831,907	836,510	3,789,137	1,542,916	1,202	59,338	8,147	63,378
12												
13		Distribution Plant										
14	360	Land	LAND	18,966	5,881	1,737	7,869	3,204	2	123	17	132
15	361	Structures	SUB	42,674	13,233	3,909	17,706	7,210	6	277	38	296
16	362	Station	SUB	1,843,961	571,794	168,901	765,069	311,532	243	11,981	1,645	12,797
17	363	Battery	SUB									
18	364	Poles, towers	PRI	5,274,736	1,621,672	477,718	2,168,474	897,878	671	33,738	4,556	70,027
19	365	OH Cond	PRI	4,975,303	1,529,614	450,600	2,045,376	846,908	633	31,823	4,297	66,052
20	366	UG Conduit	PRI	55,528	17,072	5,029	22,828	9,452	7	355	48	737
21	367	UG Cond	PRI	176,872	54,378	16,019	72,713	30,108	23	1,131	153	2,348
22	368	Transf	TRF	766,126	411,483	96,191	175,270	67,432	185	5,255	1,465	8,845
23	369	Services	SERV									
24	370	Meters	MTR	1,240,017	583,670	426,548	191,591	7,053	2,046	5,319	1,951	21,839
25	371	Cons Premise	ICON	470,236								470,236
26	372	Leased Prop	LICON									
27	373	St. Light	STL									
28	360-373	Subtotal		14,864,419	4,808,796	1,646,651	5,466,896	2,180,777	3,816	90,004	14,170	653,308
29												
30		General Plant										
31	389	Land & Land Rights	PLNT	2,785	887	288	1,074	432	1	17	3	83
32	390	Structures and Improve.	PLNT	1,073,732	341,880	111,108	414,157	166,615	225	6,682	999	32,068
33	391	Office Furniture & Equip.	PLNT	46,668	14,859	4,829	18,001	7,242	10	290	43	1,394
34	392	Transportation & Equipment	PLNT	167,997	53,491	17,384	64,799	26,069	35	1,046	156	5,017
35	393	Stores Equipment	PLNT	29,777	9,481	3,081	11,485	4,621	6	185	28	889
36	394	Tool, Shop & Garage Equip.	PLNT	17,215	5,481	1,781	6,640	2,671	4	107	16	514
37	395	Laboratory Equipment	PLNT	17,452	5,557	1,806	6,732	2,708	4	109	16	521
38	396	Power Operated Equipment	PLNT	908,543	289,283	94,014	350,440	140,982	190	5,654	845	27,134
39	397	Communication Equipment	PLNT	57,870	18,426	5,988	22,321	8,980	12	360	54	1,728
40	398	Miscellaneous Equipment	PLNT									
41	399	Other tangible property	PLNT									
42	389-399	Subtotal		2,322,039	739,344	240,280	895,650	360,319	486	14,451	2,160	69,349
43												
44		Total Plant		26,318,994	8,380,048	2,723,442	10,151,683	4,084,012	5,504	163,793	24,477	786,036

Allocation of Revenue Requirements to Rate Classes – BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Total	Municipal					Water	Lighting	
					Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Power (09-M-I)	Pumping (09-WP)	Irrigation (09-IP-I)	(PAL-SL-I, DOL-I) (PAL-I, SL-I)
1		Power Supply										
2		Production										
3	500-557	Fuel	FUEL									
4	500-557	Non-Fuel O&M - Demand	PROD1									
5	500-557	Non-Fuel O&M - Energy	PROD1									
6		Subtotal - Production										
7		Purchases										
8	555	Direct Assign. Chgs (Cr.)										
9	555	Substation Charges	PURSUB									
10	555	Demand Charges	PURKW-1	2,576,780	799,033	236,024	1,069,119	435,340	339	16,742	2,299	17,882
11	555	Summer	PURKW-2									
12	555	Winter	PURKW-3									
13	555	Other	PURKW-4									
14		Total Demand		2,576,780	799,033	236,024	1,069,119	435,340	339	16,742	2,299	17,882
15	555	Energy Charges	PURKWH-1	7,286,208	2,138,506	590,168	2,818,371	1,621,920	372	37,131	2,667	77,074
16	555	On-Peak	PURKWH-2									
17	555	Off-Peak	PURKWH-3									
18		Total Energy		7,286,208	2,138,506	590,168	2,818,371	1,621,920	372	37,131	2,667	77,074
19	555	Revenue Related Charges	REVENUE									
20		Subtotal - Purchases		9,862,987	2,937,539	826,192	3,887,491	2,057,259	711	53,874	4,965	94,956
21		Total Power Supply		9,862,987	2,937,539	826,192	3,887,491	2,057,259	711	53,874	4,965	94,956
22		Transmission										
23	560-573	Operation & Maintenance	TRAN1	93,226	28,662	8,443	38,326	15,869	12	596	81	1,238
24	555	Transmission - G&T Charges	TRAN2									
25		Total Transmission		93,226	28,662	8,443	38,326	15,869	12	596	81	1,238
26		Distribution										
27	580	Oper. Super & Eng.	EX1	94,937	30,890	11,399	35,988	14,249	29	581	90	1,713
28	581	Load Dispatch	EX1									
29	582	Oper. Station	SUB	109,174	33,565	9,888	44,882	18,584	14	698	94	1,449
30	583	Oper. OH Line	PRI	498,029	153,115	45,105	204,742	84,776	63	3,186	430	6,612
31	584	Oper. UG Line	PRI	3,254	1,000	295	1,338	554	0	21	3	43
32	585	Oper. St. Lighting	STL	3,480								3,480
33	586	Oper. Meters	MTR	95,257	44,837	32,767	14,718	542	157	409	150	1,678
34	587	Oper. Cons. Install	ICON	98,467	30,273	8,918	40,481	16,761	13	630	85	1,307
35	588	Oper. Misc. Oper.	EX1	37,966	12,353	4,558	14,392	5,698	12	232	36	685
36	589	Rents	EX1									
37	590	Main. Super. & Eng.	EX2	13,930	4,316	1,274	5,696	2,356	2	89	12	185
38	591	Main. Structure	SUB									
39	592	Main. Station	SUB	2,427	746	220	998	413	0	16	2	32
40	593	Main. OH Line	PRI	718,481	220,891	65,071	295,372	122,302	91	4,596	621	9,538
41	594	Main. UG Line	PRI	6,542	2,011	593	2,690	1,114	1	42	6	87
42	595	Main. Line Transf.	TRF	6,469	3,474	812	1,480	569	2	44	12	75
43	596	Main. St. Lighting	STL									
44	597	Main. Meters	MTR	1,685	793	580	260	10	3	7	3	30
45	598	Main. Misc. Dist.	EX2									
46	580-598	Subtotal		1,690,099	538,265	181,479	663,036	267,926	387	10,550	1,543	26,913

Allocation of Revenue Requirements to Rate Classes – BUNDLED

(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Residential	GS Small	GS Large	Industrial	Municipal	Water	Lighting	
					(09-RS)	(09-GSS)	(09-GSL)	(09-IS)	Power (09-M-I)	Pumping (09-WP)	Irrigation (09-IP-I)	(PAL-SL-I, DOL-I)
47		Consumer Acct., Service & Sales										
48		Consumer Accounting										
49	901	Supervision	CACC									
50	902	Meter Reading Expense	CACC	152,750	88,062	42,781	16,853	494	309	803	154	3,295
51	903	Records & Collections	CACC	214,429	123,620	60,055	23,658	693	433	1,127	217	4,625
52	904	Uncollectible Accounts	CACC	23,981	13,825	6,716	2,646	78	48	126	24	517
53	905	Misc. Customer Account	CACC									
54		Subtotal		391,159	225,507	109,552	43,157	1,265	790	2,055	395	8,438
55		Consumer Service & Info.										
56	907	Supervision	CS	17,125	9,873	4,796	1,889	55	35	90	17	369
57	908	Customer Assistance	CS	55,203	31,825	15,461	6,091	178	112	290	56	1,191
58	909	Info. & Instruction	CS	23,039	13,282	6,453	2,542	74	47	121	23	497
59	910	Misc. Cust Serv. & Info	CS	9,140	5,269	2,560	1,008	30	18	48	9	197
60		Subtotal		104,508	60,250	29,270	11,530	338	211	549	106	2,254
61		Sales										
62	911	Supervision	SALES									
63	912	Demonstrating & Selling	SALES									
64	913	Advertising	SALES									
65	916	Misc. Sales	SALES									
66		Subtotal										
67		Prorated Operating Expenses										
68		Administrative & General										
69	920	Administrative & General		212,936								
70	921	Office Supplies & Expenses		184,763								
71	922	Admin. Expenses Transferred										
72	923	Outside Services Employed		15,897								
73	924	Property Insurance										
74	925	Injuries & Damages		14,210								
75	926	Employee Pensions & Benefits		1,839								
76	927	Franchise Requirements										
77	928	Regulatory Commission Exp.										
78	929	Duplicate Charges		(11,852)								
79	930.1	General Advertising		20,635								
80	930.2	Misc.		256,636								
81	931	Rents										
82	935	Maint. of General Plant										
83		Accounts 920-935		695,064								
84		Power Supply	EX6-PS									
85		Transmission	EX6-TR									
86		Distribution	EX6-D	695,064	262,035	101,854	228,233	85,709	442	4,183	650	11,958
87		Subtotal - A&G		695,064	262,035	101,854	228,233	85,709	442	4,183	650	11,958

Allocation of Revenue Requirements to Rate Classes – BUNDLED
(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)
88	408	Other Taxes										
89		Power Supply	EX6-PS									
90		Transmission	EX6-TR									
91		Distribution	EX6-D									
92		Subtotal - Other Taxes										
93	421-	Miscellaneous Expense										
94	426,431	Power Supply	EX6-PS									
95		Transmission	EX6-TR									
96		Distribution	EX6-D	31,558	11,897	4,624	10,362	3,891	20	190	30	543
97		Subtotal - Misc. Expense		31,558	11,897	4,624	10,362	3,891	20	190	30	543
98		Fixed Charges										
99	403-	Depreciation										
100	407	Power Supply	PROPLNT									
101		Transmission	TRNPLNT	253,686	77,994	22,976	104,292	43,183	32	1,623	219	3,368
102		Distribution	DSTPLNT	347,694	112,365	38,471	127,707	51,067	89	2,101	330	15,564
103		Subtotal - Depreciation		601,380	190,358	61,447	231,999	94,251	121	3,723	549	18,932
104	408	Property Taxes										
105		Power Supply	REV									
106		Transmission	REV									
107		Distribution	REV									
108		Subtotal - Property Taxes										
109												
110		Total Oper. Expenses		13,469,982	4,254,512	1,322,861	5,114,134	2,526,508	2,694	75,721	8,319	165,232
111												
112	427	Interest-LT										
113		Power Supply	PROPLNT									
114		Transmission	TRNPLNT									
115		Distribution	DSTPLNT	375,685	121,410	41,568	137,988	55,179	96	2,270	357	16,817
116		Subtotal - Interest-LT		375,685	121,410	41,568	137,988	55,179	96	2,270	357	16,817
117		Required Margin										
118		Power Supply	PROPLNT									
119		Transmission	TRNPLNT									
120		Distribution	DSTPLNT	375,685	121,410	41,568	137,988	55,179	96	2,270	357	16,817
121		Subtotal - Required Margin		375,685	121,410	41,568	137,988	55,179	96	2,270	357	16,817
122		Summary of Revenue Requirements										
123		Power Supply		9,862,987	2,937,539	826,192	3,887,491	2,057,259	711	53,874	4,965	94,956
124		Transmission		346,912	106,655	31,419	142,618	59,052	44	2,219	300	4,606
125		Distribution		4,011,452	1,453,139	548,386	1,360,002	520,554	2,132	24,168	3,767	99,304
123		Total Rev. Req.		14,221,351	4,497,333	1,405,997	5,390,110	2,636,866	2,887	80,260	9,032	198,866

Rate Class Weighting Factors

I. Three Phase Vs. Single Phase Class Weighting Factors

A. Investment to Serve 3Ø vs. 1Ø Consumers (use replacement cost)

	<u>1Ø</u>	<u>3Ø</u>
1. kWh Meter	\$206	\$393
2. kWh & kW Meter	\$222	\$419
3. kWh & kW Meter (pulse activated)	\$286	\$546
4. Service ¹	\$247	\$409
5. Transformer ²	\$1,718	\$2,751
6. Primary Line ³	\$714	\$1,252

B. Weighting Factors for Relative 3Ø Class Investment Costs

1. Meter (3Ø Interval Recording)	\$1,397 ÷	\$206 =	6.78
2. Meter (3Ø w/demand, TOD)	\$817 ÷	\$206 =	3.97
3. Meter (3Ø w/demand)	\$419 ÷	\$206 =	2.03
4. Meter (3Ø w/o demand)	\$393 ÷	\$206 =	1.91
5. Meter (1Ø w/demand)	\$222 ÷	\$206 =	1.08
6. Service	\$409 ÷	\$247 =	1.65
7. Transformer	\$2,751 ÷	\$1,718 =	1.60
8. Primary Line	\$1,252 ÷	\$714 =	1.75

¹ Assume a typical installation of 80 feet of 1/0 triplex (or quadriplex), pole and miscellaneous materials to estimate the difference between a 1Ø and 3Ø installation.

² Use the cost difference between 1-75 kVA transformer and 3-25 kVA transformers as representative of the difference between a 1Ø versus a 3Ø transformer installation.

³ Assume a typical installation of 150 feet of 1/0 ACSR to estimate the difference in primary line between a 1Ø and 3Ø installation.

Estimate of Class Demands Summary

Description	Total System	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)
<u>Class Billing Determinants</u>									
Number of Consumers	6,977	2,853	1,386	546	16	10	26	5	2,135
Energy (MWh)	137,847	40,458	11,165	53,320	30,685	7	702	50	1,458
Billing Demand (kW)	239,315	-	-	170,475	68,840	-	-	-	-
<u>Estimated Demand Responsibility</u>									
Non-Coincident Consumer Demand	82,500	44,310	10,358	18,874	7,261	20	566	158	952
Non-Coincident Class Demand	29,173	8,988	2,655	12,025	4,897	4	188	26	391
Coincident Class Demand - Ave. Monthly	28,162	8,733	2,579	11,684	4,758	4	183	25	195
Coincident Class Demand - Summer									
Coincident Class Demand - Winter									
Coincident Class Demand - Weighted	28,162	8,733	2,579	11,684	4,758	4	183	25	195
Coincident Class Demand - Transm.									

Estimate of Class Demands

Line No.	Description	Total System	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)	
1	Non-Coincidental Class Demand - Average Monthly										
2	Total System Sales (MWh)	137,847	40,458	11,165	53,320	30,685	7	702	50	1,458	
3	Line Losses	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	
4	kWh Purchased (MWh)	139,744	41,015	11,319	54,054	31,107	7	712	51	1,478	
5	Divide by Hours	8,760	8,760	8,760	8,760	8,760	8,760	8,760	8,760	8,760	
6	Average Demand (kWh)	15,952	4,682	1,292	6,171	3,551	1	81	6	169	
7											
8	Average Customers	6,977	2,853	1,386	546	16	10	26	5	2,135	
9											
10	Calculated Maximum Demand ¹	27,649	8,988	2,655	9,600	5,729	4	188	26	460	
11											
12	Substitutions										
13	Bary Curve Estimate (Max. Annual or Seas.) ²		n/a	n/a	12,025	4,897	n/a	n/a	n/a	n/a	
14	Other Substitutions ³		n/a	n/a	n/a	n/a	n/a	n/a	n/a	391	
15	Non-Coincident Class Demand	29,173	8,988	2,655	12,025	4,897	4	188	26	391	
16	Sum of Non-Coincidental Demands of Individual Customers - Annual Peak										
17	Peak Month Sales Data										
18	Peak Month										
19	kWh Sales	5,379,922	1,176,698	5,025,964	2,780,972	1,953	75,598	22,111		124,411	
20	Consumers	4,337	1,354	546	16	10	26	5		19	
21	Sum of Individual Consumer's Non-coincident Demands ⁴		29,220	10,360	32,954	13,006	20	566	158	95,323	
22											
23	Substitute (from Historical Billing Records)		n/a	n/a	18,811	7,261	n/a	n/a	n/a	n/a	
24	Non-Coincident Demand from Billing Records		n/a	n/a	169,903	68,840	n/a	n/a	n/a	n/a	
25	Sum of Individual Customer Non-Coincident Peak Demands (Adjusted to Test Year) ⁵		44,310	10,358	18,874	7,261	20	566	158	952	

¹ The class diversified demand is calculated based on the formulas contained in RUS Demand Tables (Bulletin 45-2). The formula is as follows:

$$\text{Class Diversified Demand} = L8 \times (1 - 0.4 \times L8 + 0.4 \times (L8^2 + 40)^{0.5}) \times (0.005925 \times (L4 \times 1,000 \div (L8 \times 12))^{0.885})$$

² See "Annual Bary Curve Estimates"

³ Security Lighting demand is calculated based on wattage, (including ballasts) number of lights and assumed annual hours of operation. Includes estimates for un-metered lights on

⁴ The sum of the Individual Consumers Non-coincident Demands is calculated using the RUS demand for a single customer multiplied by the Test Year number of customers.

$$\text{Sum of Individual Consumer Demands} = (1 - 0.4 \times 1 + 0.4 \times (1^2 + 40)^{0.5}) \times (0.005925 \times (L19 \div L20)^{0.885})$$

⁵ Adjusted to Test Year conditions.

Estimate of Class Demands

Line No.	Description	Total System	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)
26	Annual Bary Curve Estimates									
27	Sum of Monthly Non-Coincidental Demands for Test Year		-	-	170,475	68,840	-	-	-	-
28										
29	MWh Sales		-	-	53,320	30,685	-	-	-	14,317
30										
31	Load Factor (730 hours per month)				42.8%	61.1%				
32										
33	Coincidence Factor (From Bary Curve)		n/a	n/a	83.5%	84.2%	n/a	n/a	n/a	n/a
34										
35	Billing Months per Year		12	12	12	12	12	12	10	12
36										
37	Estimated Non-Coincidental Average Monthly Demand ((L2*L8)/L10)		n/a	n/a	11,862	4,830	n/a	n/a	n/a	n/a
38	Estimated Non-Coincidental Demand - Average Monthly (Including Line Loss)		n/a	n/a	12,025	4,897	n/a	n/a	n/a	n/a
39										
40	Determination of Class Coincident Demand - Average Monthly									
41	System Coincident Demand - Average Monthly (Per Exhibit II)	28,162								
42										
43	Coincidence Factors from Other Sources ¹		n/a	n/a	n/a	n/a	n/a	n/a	n/a	50.00%
44	Average Monthly Non-Coincident Demand ¹		-	-	-	-	-	-	-	391
45	Coincident Demand - Direct Assigned	195	-	-	-	-	-	-	-	195
46										
47	Remaining Coincident Demand	27,966								
48	Remaining Non-Coincident Demand	28,783	8,988	2,655	12,025	4,897	4	188	26	-
49	Coincidence Factor for Remaining Classes ¹	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	
50										
50	Coincident Demand for Remaining Classes		8,733	2,579	11,684	4,758	4	183	25	-
51	Coincident Demand - Ave. Monthly	28,162	8,733	2,579	11,684	4,758	4	183	25	195

Outdoor Lighting

Athletic Field Lighting (88-AF)

A. Separately Metered Energy

kWh	56,142
Ave. LF	48%
	<u>13</u>
	<u>13</u>

Water Pumping Service (04-WP)

A. Unmetered Lights

Size/Type	# of Lights	Power Required Per Light			Estimated Annual kWh/montl	Estimated kWh	Total kW 1
		Lamp kW	Ballast kW	Total kW			
100 W MV	-	0.100	0.035	0.135	45	-	0.0
175 W MV		0.175	0.035	0.210	75	-	0.0
250 W MV		0.250	0.050	0.300	107	-	0.0
400 W MV		0.400	0.050	0.450	173	-	0.0
50 W HPS		0.050	0.020	0.070	25	-	0.0
70 W HPS		0.070	0.025	0.095	34	-	0.0
100 W HPS	-	0.100	0.035	0.135	45	-	0.0
150 W HPS	-	0.150	0.050	0.200	68	-	0.0
200 W HPS	-	0.200	0.055	0.255	87	-	0.0
250 W HPS	-	0.250	0.060	0.310	108	-	0.0
400 W HPS	-	0.400	0.075	0.475	173	-	0.0
1000 W HPS	-	1.000	0.100	1.100	394	-	0.0
Total	-					-	0
Average monthly usage						#DIV/0!	#DIV/0!

Private Area / Street Lighting (04-PAL-SL-I)

A. Unmetered Lights

Size/Type	# of Lights	Power Required Per Light			Estimated Annual kWh/montl	Estimated kWh	Total kW 1
		Lamp kW	Ballast kW	Total kW			
100 W MV		0.100	0.035	0.135	45	-	0.0
175 W MV	492	0.175	0.035	0.210	75	442,800	103.3
250 W MV		0.250	0.050	0.300	107	-	0.0
400 W MV	49	0.400	0.050	0.450	173	101,724	22.1
50 W HPS	-	0.050	0.020	0.070	25	-	0.0
70 W HPS	-	0.070	0.025	0.095	34	-	0.0
100 W HPS	1,410	0.100	0.035	0.135	45	761,400	190.4
150 W HPS	30	0.150	0.050	0.200	68	24,480	6.0
175 W HPS		0.175	0.050	0.225	43	-	0.0
200 W HPS	60	0.200	0.055	0.255	87	62,640	15.3
250 W HPS	-	0.250	0.060	0.310	108	-	0.0
400 W HPS	74	0.400	0.075	0.475	173	153,624	35.2
1000 W HPS	17	1.000	0.100	1.100	394	80,376	18.7
Total	2,132					1,627,044	391
Average monthly usage						63.60	0.183

Development of Allocation Factors -- BUNDLED

Line No.	Description	Units	Total	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)	
1	Allocation Factor Input Data											
2	Energy											
3	Energy Sales -- All	MWh	137,847	40,458	11,165	53,320	30,685	7	702	50	1,458	
4	Energy Sales -- On-Peak	MWh										
5	Energy Sales -- Off-Peak	MWh										
6	Dist. Losses	MWh	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	
7	Energy -- All @ Sub.	MWh	139,744	41,015	11,319	54,054	31,107	7	712	51	1,478	
8	Energy -- On-Peak @ Sub.	MWh										
9	Energy -- Off-Peak @ Sub.	MWh										
10	Trans. Losses	MWh										
11	Energy -- All @ Source	MWh	139,744	41,015	11,319	54,054	31,107	7	712	51	1,478	
12	Energy -- On-Peak @ Source	MWh										
13	Energy -- Off-Peak @ Source	MWh										
14	Demand											
15	Non-Coinc. Demand @ Cons.	kW	82,500	44,310	10,358	18,874	7,261	20	566	158	952	
16	Class Non-Coinc. Demand @ Sub.	kW	29,173	8,988	2,655	12,025	4,897	4	188	26	391	
17	Class Non-Coinc. Demand Transm.	kW										
18	Summer Coinc. Demand	kW										
19	Winter Coinc. Demand	kW										
20	Other Coinc. Demand	kW										
21	Coinc. Demand @ Sub.	kW	28,162	8,733	2,579	11,684	4,758	4	183	25	195	
22	Coinc. Demand @ Source	kW	28,162	8,733	2,579	11,684	4,758	4	183	25	195	
23	Average and Excess Demand											
24	Average Demand	kW	15,952	4,682	1,292	6,171	3,551	1	81	6	169	
25	Class Excess Demand	kW	13,221	4,305	1,363	5,855	1,346	3	107	20	222	
26	Allocated Excess Demand	kW	12,209	3,976	1,258	5,407	1,243	3	99	18	205	
27	Avg. & Excess Demand	kW	28,162	8,658	2,551	11,577	4,794	4	180	24	374	
28	Margin											
29	Present Rate Margin	\$	3,109,896	1,249,932	272,100	971,193	438,943	1,096	13,724	2,091	160,818	
30	Proposed Rate Revenue	\$	13,319,795	4,294,126	1,129,711	5,001,301	2,555,254	1,851	69,817	7,356	260,380	
31	Consumer											
32	No. Consumers		6,977	2,853	1,386	546	16	10	26	5	2,135	
33	Pri. Line Weight. Factor			1.00	1.42	1.50	1.75	1.00	1.00	1.75	0.05	
34	Weight. No. of Cons.		5,820.5	2,853.0	1,967.2	820.7	28.1	10.0	26.0	8.8	106.8	
35	Transf. Weight. Factor			1.00	1.33	1.40	1.60	1.00	1.00	1.60	0.05	
36	Weight. No. of Cons.		5,643.2	2,853.0	1,849.0	764.9	25.6	10.0	26.0	8.0	106.8	
37	Service Weight. Factor			1.00	1.36	1.44	1.65	1.00	1.00	1.65	0.05	
38	Weight. No. of Cons.		5,703.0	2,853.0	1,888.8	783.7	26.4	10.0	26.0	8.3	106.8	
39	Meter Weight. Factor			1.00	1.50	1.72	2.15	1.00	1.00	1.91	0.05	
40	Weight. No. of Cons.		6,061.3	2,853.0	2,085.0	936.5	34.5	10.0	26.0	9.5	106.8	
41	Cons. Acct. Weight Factor			1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.05	
42	Weight. No. of Cons.		4,948.8	2,853.0	1,386.0	546.0	16.0	10.0	26.0	5.0	106.8	

Development of Allocation Factors -- BUNDLED
(Continued)

Line No.	Description	Data Line No.	Name	Total	Residential (09-RS)	GS Small (09-GSS)	GS Large (09-GSL)	Industrial (09-IS)	Municipal Power (09-M-I)	Water Pumping (09-WP)	Irrigation (09-IP-I)	Lighting (PAL-SL-I, DOL-I) (PAL-I, SL-I)
43	Allocation Factors											
44	Energy Related											
45	Energy -- All @ Sub.	7	E1	1.000000	0.293500	0.080998	0.386809	0.222601	0.000051	0.005096	0.000366	0.010578
46	Energy -- On-Peak @ Sub.	8	E2									
47	Energy -- Off-Peak @ Sub.	9	E3									
48	Energy -- All @ Source	11	E4	1.000000	0.293500	0.080998	0.386809	0.222601	0.000051	0.005096	0.000366	0.010578
49	Energy -- On-Peak @ Source	12	E5									
50	Energy -- Off-Peak @ Source	13	E6									
51												
52	Demand Related											
53	Non-coinc. Demand @ Cons.	15	D1	1.000000	0.537095	0.125555	0.228775	0.088017	0.000242	0.006860	0.001912	0.011545
54	Non-coinc. Demand @ Class	16	D2	1.000000	0.308073	0.091001	0.412207	0.167848	0.000131	0.006455	0.000886	0.013398
55	Non-coinc. Demand @ Transm	17	D3									
56	Summer Coinc. Demand	18	D4									
57	Winter Coinc. Demand	19	D5									
58	Other Coinc. Demand	20	D6									
59	Coinc. Demand @ Sub.	21	D7	1.000000	0.310090	0.091597	0.414905	0.168947	0.000132	0.006497	0.000892	0.006940
60	Coinc. Demand @ Source	22	D8	1.000000	0.310090	0.091597	0.414905	0.168947	0.000132	0.006497	0.000892	0.006940
61	Avg. & Excess	27	D9	1.000000	0.307441	0.090567	0.411106	0.170222	0.000127	0.006396	0.000864	0.013276
62	Avg. & Excess (w/o Enbridge)	28	D10	1.000000	0.307441	0.090567	0.411106	0.170222	0.000127	0.006396	0.000864	0.013276
62												
63	Revenue Related											
64	Present Rate Margin	29	R1	1.000000	0.401921	0.087495	0.312291	0.141144	0.000352	0.004413	0.000672	0.051712
65	Proposed Rate Revenue	30	R2	1.000000	0.322387	0.084814	0.375479	0.191839	0.000139	0.005242	0.000552	0.019548
66												
67	Consumer Related											
68	No. of Cons.	32	C1	1.000000	0.408915	0.198653	0.078257	0.002293	0.001433	0.003727	0.000717	0.306005
69	Pri. Line Weight. Cons.	34	C2	1.000000	0.490161	0.337974	0.141009	0.004824	0.001718	0.004467	0.001507	0.018340
70	Transf. Weight. Cons.	36	C3	1.000000	0.505562	0.327647	0.135537	0.004540	0.001772	0.004607	0.001419	0.018916
71	Services Weight. Cons.	38	C4	1.000000	0.500267	0.331197	0.137418	0.004638	0.001753	0.004559	0.001449	0.018718
72	Meter Weight. Cons.	40	C5	1.000000	0.470695	0.343985	0.154507	0.005688	0.001650	0.004290	0.001574	0.017612
73	Cons. Acct. Weight. Cons.	42	C6	1.000000	0.576509	0.280071	0.110331	0.003233	0.002021	0.005254	0.001010	0.021571

**Exhibit __ (RJM-WE-5) - Local
Access Charge Cost of Service
Analysis**

Western Cooperative Electric Association, Inc.
MKEC Area Local Access Charge
Revenue Requirements

Test Year January 1, 2010 to December 31, 2010
Adjusted for Known and Measurable Changes

<u>Line</u>	<u>Description</u>	<u>Source</u>	<u>Allocation Factor</u>		<u>Allocated to LAC</u>	<u>Percent of Total</u>
			<u>Total MKEC Area</u>	<u>Name</u> / <u>Factor</u>		
1	<u>Operating Expenses</u>					
2	Transmission O&M	Ex.__(RJM-), pg.	\$ 189,752	1.000000	\$ 189,752	25.03%
3	Distribution O&M	Ex.__(RJM-), pg.	1,745,279	DOM 0.000000	-	0.00%
4	Administration & General	Ex.__(RJM-), pg.	727,969	LAB 0.014353	10,449	1.38%
5	Depreciation					
6	Transmission	pg 3	207,819	1.000000	207,819	27.41%
7	Distribution (LAC Only)	pg 3	-	1.000000	-	0.00%
8	General Plant	pg 3	127,345	LAB 0.014353	1,828	0.24%
9	Taxes	Ex.__(RJM-), pg.	-	NP 0.354036	-	0.00%
10	Subtotal Operating Expense	Sum(L2:L9)			\$ 409,848	
11						
12	L.T. Interest Expense	Ex.__(RJM-), pg.	491,856	NP 0.354036	\$ 174,135	22.97%
13	Operating TIER Requirement				2.0	
14	Margin Requirement	L12 * (L13 - 1.0)			\$ 174,135	22.97%
15						
16	<u>Total Revenue Requirements</u>	L10 + L12 + L14			\$ 758,117	100.00%
17						
18	<u>Billing Demand</u>	pg. 5			735,032 kW	
19						
20	<u>Average Cost</u>	L16 / L18			1.03 /kW/mo	
21						

**Western Cooperative Electric Association, Inc.
MKEC Area Local Access Charge
Allocation Factors**

**Test Year January 1, 2010 to December 31, 2010
Adjusted for Known and Measurable Changes**

<u>Line No.</u>	<u>Description</u>	<u>Source</u>		
1	Distribution O&M Allocation Factor			
2	Distribution Plant used in LAC	1	\$	-
3	Total Distribution Plant	General Ledger	\$	14,864,419
4				
5	Allocation Factor	L2 / L3	DOM	-
6				
7	Labor Allocation Factor			
8	Transmission Wages (100% LAC)	General Ledger	\$	11,660
9	Distribution Wages			
10	Total Distribution Wages	General Ledger	\$	605,745
11	Allocation Factor	L5	DOM	-
12	Dist Wages Allocated to LAC	L10 * L11	\$	-
13	Total LAC Wages	L8 + L12	\$	11,660
14				
15	Total Wages	General Ledger	\$	1,064,154
16	Less: Administration & General Wages	General Ledger		251,836
17	Wages Other than A&G	L15 - L16	\$	812,318
18				
19	Labor Allocator	L13 / L17	LAB	0.014353
20				
21	Net Plant Allocation Factor			
22	Plant-in-Service			
23	Transmission	General Ledger	\$	9,132,536
24	Distribution	1		-
25	Subtotal	L23 + L24	\$	9,132,536
26	Allocated General Plant			
27	Total General Plant	General Ledger	\$	2,322,039
28	Allocation Factor	L19	LAB	0.014353
29	Allocated General Plant	L27 * L28	\$	33,329
30	Total LAC Plant-in-Service	L25 + L16	\$	9,165,865
31				
32	Accumulated Reserves for Depreciation			
33	Transmission	General Ledger	\$	4,821,064
34	Distribution	1		-
35	Subtotal	L33 + L34	\$	4,821,064
36	Allocated General Plant			
37	Total General Plant	General Ledger	\$	693,081
38	Allocation Factor	L19	LAB	0.014353
39	Allocated General Plant	L37 * L38	\$	9,948
40	Total LAC Accum. Res. For Depr.	L35 + L39	\$	4,831,013
41	Net Plant Used in LAC	L30 - L40	\$	4,334,853
42				
43	Total Plant in Service	General Ledger	\$	26,318,994
44	Total Accum. Reserves for Depr.	General Ledger		14,074,881
45	Total Net Plant	L43 - L44	\$	12,244,113
46				
47	Net Plant Allocator	L41 / L45	NP	0.354036
48				

¹ The amount of distribution facilities utilized in providing local access service was determined through a direct assessment by MKEC.

**Western Cooperative Electric Association, Inc.
MKEC Area Local Access Charge
Depreciation Expense**

**Test Year January 1, 2010 to December 31, 2010
Adjusted for Known and Measurable Changes**

<u>Line</u>	<u>Description</u>	<u>Source</u>	<u>Plant in Service as of 12/31/10</u>	<u>Depr. Rate</u>	<u>Depr. Expense</u>
1	Facilities Used in Providing LAC Service				
2	Transmission Facilities				
3	350 Land and Land Rights	General Ledger	\$ 38,031	-	\$ -
4	352 Structures and Improvements	General Ledger	243,432	0.02110	5,136
5	353 Station Equipment	General Ledger	3,525,901	0.01830	64,524
6	355 Poles and Fixtures	General Ledger	2,679,273	0.03300	88,416
7	356 O.H. Conductors and Devices	General Ledger	2,645,899	0.01880	49,743
8	358 U.G. Conductors and Devices	General Ledger	-	0.02390	-
9	Subtotal	Sum(L1:L8)	\$ 9,132,536		\$ 207,819
10	Distribution Facilities				
11	360 Land and Land Rights	General Ledger	\$ -	-	-
12	361 Structures and Improvements	General Ledger	-	0.01730	-
13	362 Station Equipment	General Ledger	-	0.01100	-
14	Subtotal	Sum(L11:L13)	\$ -		\$ -
15	Total	L9 + L14	\$ 9,132,536		\$ 207,819
16					
17			<u>As of 12/31/10</u>		
18	General Plant				
19	389 Land and Land Rights	General Ledger	\$ 2,785	-	\$ -
20	390 Structures and Improvements	General Ledger	1,073,732	0.031600	33,930
21	391 Office Furniture and Equipment	General Ledger	46,668	0.133633	6,236
22	392 Transportation Equipment	General Ledger	167,997	0.115600	19,420
23	393 Stores Equipment	General Ledger	29,777	0.047500	1,414
24	394 Tools, Shop and Garage Equip	General Ledger	17,215	0.046500	800
25	395 Laboratory Equipment	General Ledger	17,452	0.049800	869
26	396 Power Operated Equipment	General Ledger	908,543	0.069700	63,325
27	Communication Equipment	General Ledger	57,870	0.023300	1,348
28	Miscellaneous Equipment	General Ledger	-	0.074200	-
29		Sum(L21:L28)	\$ 2,322,039	0.054842	\$ 127,345
30					
31	Plant in Service as of 12/31/10	General Ledger	\$ 2,322,039	0.054842	\$ 127,345
32					

Western Cooperative Electric Association, Inc.
MKEC Area Local Access Charge
Credit for Third Party Revenue

Test Year January 1, 2010 to December 31, 2010
Adjusted for Known and Measurable Changes

<u>Line</u>	<u>Description</u>	<u>Source</u>	<u>Alloc. Factor</u>	<u>Amount</u>
1	Total Revenue Credit			
2	Third Party Billing Demand	pg. 5		374,418 kW
3	LAC Rate	pg. 1		\$ 1.03 /kW/mo
4	LAC Third Party Revenue	L2 * L3		\$ 385,650
5				
6	Allocation of Revenue Credit to Categories			
7	Transmission O&M	pg. 1	25.03%	\$ 96,526
8	Distribution O&M	pg. 1	0.00%	-
9	Administration and General	pg. 1	1.38%	5,315
10	Depreciation	pg. 1	27.65%	106,646
11	Property Taxes	pg. 1	0.00%	-
12	L.T. Interest	pg. 1	22.97%	88,581
13	Margin Requirements	pg. 1	22.97%	88,581
14	Total	Sum(L7:L13)	100.00%	\$ 385,650

**Western Cooperative Electric Association, Inc.
Summary of Proposed Local Access Billing Demands (kW) – 2010**

<u>Line</u>	<u>Description</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Total</u>
1	Total Local Access System ¹	57,436	55,011	51,056	48,274	59,949	77,072	79,669	82,978	72,430	53,308	55,504	55,134	747,819
2	CP Date	07	09	01	07	29	22	19	09	13	08	23	23	
3	CP Time (hour Ending)	1200	800	1100	1000	1700	1500	1700	1500	1500	1600	1100	1200	
4														
5	Wholesale Customers @ Del. Pt.													
6	Hoisington (KMEA)--Metered	3,340	3,044	2,690	2,347	4,043	5,775	6,196	4,273	4,983	3,331	2,769	2,975	45,762
7	Hoisington (KMEA)--Generation	-	-	-	-	-	-	-	2,023	-	-	-	-	2,023
8	Subtotal--Hoisington	3,340	3,044	2,690	2,347	4,043	5,775	6,196	6,295	4,983	3,331	2,769	2,975	47,785
9	Lincoln (KMEA)--Metered	2,520	2,809	2,048	1,690	2,398	2,855	3,598	3,191	3,582	2,387	2,324	2,518	31,919
10	Lincoln (KMEA)--Generation	-	-	-	-	-	1,065	-	1,034	-	-	-	-	2,099
11	Subtotal--Lincoln	2,520	2,809	2,048	1,690	2,398	3,920	3,598	4,225	3,582	2,387	2,324	2,518	34,018
12	Russell (KMEA)--Metered	14,784	15,246	13,992	14,074	17,527	22,388	10,876	11,466	21,235	15,380	14,851	15,001	186,821
13	Russell (KMEA)--Generation	-	-	-	-	-	-	12,480	12,355	-	-	-	-	24,836
14	Subtotal--Russell	14,784	15,246	13,992	14,074	17,527	22,388	23,356	23,821	21,235	15,380	14,851	15,001	211,656
15	Holyrood (KPP)	596	435	402	336	617	962	1,024	1,086	842	505	428	496	7,727
16	Lucas (KPP)	897	860	855	756	751	1,427	1,329	1,487	1,336	753	836	816	12,104
17	Luray (KPP)	352	323	308	256	338	503	476	512	379	214	207	238	4,105
18	KEPCO	4,799	4,436	3,630	3,217	5,363	5,904	6,205	6,549	5,258	3,715	3,660	4,289	57,024
19	Subtotal	27,288	27,152	23,925	22,676	31,037	40,878	42,183	43,975	37,614	26,284	25,075	26,332	374,418
20	Losses @ 1.74% of 34.5 kV Output	475	472	416	395	540	711	734	765	654	457	436	458	6,514
21	Subtotal with Losses (@ Source)	27,763	27,624	24,341	23,070	31,577	41,589	42,917	44,740	38,268	26,741	25,511	26,791	380,932
22														
23	Western Retail													
24	Retail with Losses (@ Source)	29,673	27,387	26,715	25,204	28,372	35,483	36,752	38,238	34,162	26,566	29,993	28,343	366,887.76
25	Losses @ 1.71% of 34.5 kV Input	507	468	457	431	485	607	628	654	584	454	513	485	6,273.78
26	Retail @ Delivery Point	29,166	26,919	26,258	24,773	27,887	34,876	36,124	37,584	33,578	26,112	29,480	27,858	360,614

¹ With "behind the meter" generation added back in.

**Exhibit __ (RJM-WE-6) -
Statement of Operations -
Proposed Rates**

Statement of Operations
Proposed Rates
For the Test Year Ended December 31, 2010

(a) Line No.	(b) Description	(c) Actual Test Year	(d) Pro Forma Test Year Present Rates	(e) Proposed Rates
1	Operating Revenue			
2	Sales of Electricity	\$ 16,520,732	\$ 17,368,610	\$ 18,098,026 ¹
3	Consumer Penalties	22,306	22,306	22,306
4	Other	468,085	30,848	30,848
5	Total Operating Revenue	<u>\$ 17,011,124</u>	<u>\$ 17,421,764</u>	<u>\$ 18,151,181</u>
7	Operating Expenses			
8	Cost of Purchased Power	13,025,941	13,241,628	13,241,628
9	Transmission - O & M	188,400	189,752	189,752
10	Distribution - Operation	609,511	968,154	968,154
11	Distribution - Maintenance	746,296	777,125	777,125
12	Consumer Accounts	371,902	391,159	391,159
13	Consumer Service & Information	101,173	104,508	104,508
14	Sales	-	-	-
15	Administrative & General	682,113	727,969	727,969
16	Depreciation & Amortization	750,533	735,617	735,617
17	Taxes - Property	-	-	-
18	Taxes - Other	-	-	-
19	Interest on Long Term Debt	466,760	491,856	491,856
20	Other Interest Expense	11,332	31,558	31,558
21	Other Deductions	-	-	-
22	Total Operating Expenses	<u>\$ 16,953,961</u>	<u>\$ 17,659,325</u>	<u>\$ 17,659,325</u>
24	Net Operating Margins	<u>\$ 57,163</u>	<u>\$ (237,560)</u>	<u>\$ 491,856</u>
26	Non-Operating Margins			
27	Non-Operating Margins (Interest Income)	\$ 81	\$ 81	\$ 81
28	Non-Operating Margins (Other)	-	-	-
29	Generation and Transmission Capital Credits	223,005	103,884	103,884
30	Other Capital Credits & Patronage Dividends	-	-	-
31	Extraordinary Items	-	-	-
	See Schedule A, pages 3 - 8.	<u>\$ 223,086</u>	<u>\$ 103,965</u>	<u>\$ 103,965</u>
34	Total Patronage Capital & Margins	<u>\$ 280,249</u>	<u>\$ (133,595)</u>	<u>\$ 595,821</u>

¹ See Schedule A for an estimate of the Pro Forma Test Year revenue under proposed rates.

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Proposed Rates

II. Consumer and Sales Data for Pro Forma Test Year

(a) Line No.	(b) Description	(c) Avg. No. Cons. ¹	(d) Energy Sales ¹ (kWh)	(e) Billing Demand (kW)	(f) Revenue ² (\$)
1	Residential Service (09-RS)	4,146	40,458,047	N.A.	4,507,918
2	General Service Small (09-GSS)	1,396	11,172,323	N.A.	1,248,704
3	General Service Large (09-GSL)	546	53,320,317	119,831.8	5,424,358
4	Industrial Service (09-IS)	9	8,921,341	22,115.3	814,124
5	Industrial Service-Primary Discount	7	21,763,500	44,844.5	1,823,040
6	Interruptible Industrial Service (09-INT)	1	1,458,674	7,798.1	154,497
7	Sub-Transmission & Transmission Level Service (09-STR)	1	52,710,039	75,439.4	3,392,594
8	Municipal Power Service (09-M-I) (Moved to GSS)	-	-	N.A.	-
9	Water Pumping Service (09-WP)	26	702,482	N.A.	77,045
10	Irrigation Service (09-IP-I)	5	50,448	N.A.	8,118
11	Temporary Service (09-CS)	4	8,402	N.A.	1,598
12	Private Area / Street Lighting (09-PAL-SL-I)	2,135	1,458,150	N.A.	260,380
13	Local Access	N.A.	N.A.	374,417.8	385,650
14	Total ³	8,276	192,023,723	270,029.1	18,098,026

¹ Reference Exhibit____(RJM-WE-2) page 6.

² See Schedule A, pages 3 - 8.

³ Total number of consumers excludes lighting. Total kW excludes LAC kW.

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Proposed Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Proposed Rates

Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Residential Service (09-RS)</u>				
General Use				
Customer Charge	3,966	cons	\$10.00	475,904
Delivery Charge				
Summer - (Jun 15th to Oct 15th)	16,631,651	kWh	\$0.10417	1,732,515
Winter (Oct 16th to Jun 14th)	22,350,629	kWh	\$0.09617	2,149,454
Energy Cost Adjustment	38,982,280	kWh		
				4,507,918
Space Heating				
Customer Charge	180	cons	\$10.00	21,616
Delivery Charge				
Summer - (Jun 15th to Oct 15th)	58,186	kWh	\$0.10417	6,061
Winter (Oct 16th to Jun 14th)				
0-800 kWh	787,473	kWh	\$0.09617	75,731
801-5800 kWh	622,150	kWh	\$0.07373	45,871
5801 kWh and above	7,958	kWh	\$0.09617	765
Energy Cost Adjustment	1,475,767	kWh		
				1,248,704
<u>General Service Small (09-GSS)</u>				
Customer Charge	1,396	cons	\$13.00	217,776
Special Minimum Charges				52,376
Delivery Charge				
Summer - (Jun 15th to Oct 15th)	3,618,198	kWh	\$0.09300	336,479
Winter (Oct 16th to Jun 14th)	7,554,125	kWh	\$0.08500	642,072
Energy Cost Adjustment	11,172,323	kWh		
Space Heating Service (kWhs moved to general rate)		kWh		
				1,248,704
<u>General Service Large (09-GSL)</u>				
Customer Charge	534	cons	\$21.50	137,772
Special Minimum Charges				51,888
Demand Charge per kW>9				
Summer - (Jun 15th to Oct 15th)	38,494	kW	\$11.50	442,675
Winter (Oct 16th to Jun 14th)	72,463	kW	\$9.50	688,395
Delivery Charge	48,588,008	kWh	\$0.07538	3,662,603
Energy Cost Adjustment	48,588,008	kWh		
Space Heating Service (kWhs moved to general rate)		kWh		
				4,983,333

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Proposed Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Proposed Rates

Rate Class	Billing Determinants	Units	Rate	Revenue
<u>General Service Large (09-GSL)-Primary Discount</u>				
Customer Charge		12 cons	\$21.07	3,034
Demand Charge per kW>9				
Summer - (Jun 15th to Oct 15th)	2,942	kW	\$11.27	33,162
Winter (Oct 16th to Jun 14th)	5,933	kW	\$9.31	55,238
Delivery Charge	4,732,309	kWh	\$0.07387	349,591
Energy Cost Adjustment	4,732,309	kWh		
Space Heating Service		kWh	\$0.07226	
				441,025
<u>Industrial Service (09-IS)</u>				
Customer Charge		9 cons	\$100.62	10,867
Demand Charge per kW>9				
Summer - (Jun 15th to Oct 15th)	7,444	kW	\$13.00	96,773
Winter (Oct 16th to Jun 14th)	14,887	kW	\$11.00	163,760
Delivery Charge	8,921,341	kWh	\$0.06083	542,724
Energy Cost Adjustment	8,921,341	kWh		
				814,124
<u>Industrial Service-Primary Discount</u>				
Customer Charge		7 cons	\$98.61	8,283
Demand Charge per kW>9				
Summer - (Jun 15th to Oct 15th)	16,344	kW	\$12.74	208,221
Winter (Oct 16th to Jun 14th)	28,669	kW	\$10.78	309,048
Delivery Charge	21,763,500	kWh	\$0.05962	1,297,489
Energy Cost Adjustment	21,763,500	kWh		
				1,823,040
<u>Interruptible Industrial Service (09-INT)</u>				
Customer Charge		1 cons	\$100.62	1,207
Demand Charge				
Non-Interruptible				
Summer - (Jun 15th to Oct 15th)	1,200	kW	\$13.00	15,600
Winter (Oct 16th to Jun 14th)	2,400	kW	\$11.00	26,400
Interruptible	4,198	kW	\$6.90	28,967
Penalty		kW	\$31.24	
Delivery Charge	1,458,674	kWh	\$0.05644	82,323
Energy Cost Adjustment	1,458,674	kWh		
				154,497

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Proposed Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Proposed Rates

Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Sub-Transmission & Transmission Level Service (09-STR)</u>				
<u>Service at 34.5 kV Voltage</u>				
Customer Charge	1	cons	\$111.80	1,342
Power Factor Adjustment				(43,914)
<u>Demand Charge</u>				
Demand Requirements	75,439	kW	\$6.40	482,628
OATT				177,250
Local Access Charge	75,439	kW	\$1.03	77,703
<u>Energy Charge</u>				
Energy Charge	52,710,039	kWh	\$0.01007	530,538
Energy Cost Adjustment	52,710,039	kWh	\$0.03941	2,077,441
Delivery Charge	52,710,039	kWh	\$0.00170	89,607
				3,392,594
<u>Service at 115 kV Voltage</u>				
Customer Charge		cons	\$111.80	
<u>Demand Charge</u>				
Demand Requirements		kW	\$6.29	
OATT		kW	\$2.92	
<u>Energy Charge</u>				
Energy Charge		kWh	\$0.00990	
Energy Cost Adjustment		kWh	\$0.03875	
Delivery Charge		kWh	\$0.00170	
				3,392,594
<u>Municipal Power Service (09-M-I) (Moved to GSS)</u>				
Customer Charge		cons		
Delivery Charge				
Summer - (July to Oct.)		kWh		
Winter (Nov-Jun)		kWh		
Energy Cost Adjustment		kWh		

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Proposed Rates

Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Water Pumping Service (09-WP)</u>				
Customer Charge		26 cons	\$16.21	5,058
Delivery Charge				
Summer - (Jun 15th to Oct 15th)	226,252	kWh	\$0.10790	24,412
Winter (Oct 16th to Jun 14th)	476,230	kWh	\$0.09990	47,575
Energy Cost Adjustment	702,482	kWh		
				77,045
<u>Irrigation Service (09-IP-I)</u>				
Demand Charge per horsepower contracted per year		95 /HP/mo.	\$3.33	3,800
Delivery Charge				
Summer - (Jun 15th to Oct 15th)	48,201	kWh	\$0.08596	4,143
Winter (Oct 16th to Jun 14th)	2,247	kWh	\$0.07796	175
Energy Cost Adjustment	50,448	kWh		
				8,118
<u>Temporary Service (09-CS)</u>				
Delivery Charge	8,402	kWh	\$0.19017	1,598
plus equipment service chg.				
Energy Cost Adjustment	8,402	kWh		
				1,598
<u>Private Area / Street Lighting (09-PAL-SL-I)</u>				
<u>Private Area Light (Coop owned)</u>				
On Existing Pole				
100 W P.A.L.	584	lights	\$8.18	57,302
100 W P.A.L.-100% Customer	24	lights	\$3.18	917
150 W P.A.L.	1	lights	\$12.98	156
200 W P.A.L.	5	lights	\$4.50	270
On New Pole (Wood)				
100 W P.A.L.	45	lights	\$13.54	7,311
200 W P.A.L.	1	lights	\$16.25	195
<u>Flood Lights</u>				
On Existing Pole				
150 W Flood	11	lights	\$15.34	2,024
150 W Flood-100% Customer	1	lights	\$4.65	56
400 W Flood	33	lights	\$28.29	11,205
1000 W Flood M.H.	14	lights	\$42.22	7,093
On New Pole (Wood)				
150 W Flood	2	lights	\$17.29	415
150 W Flood-100% Customer	2	lights	\$4.79	115
400 W Flood	4	lights	\$30.23	1,451
400 W Flood-100% Customer	1	lights	\$10.69	128
1000 W Flood M.H.	1	lights	\$56.92	683

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates
(Continued)

II. Estimate of Pro Forma Test Year Revenue Under Proposed Rates

Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Private Area / Street Lighting (09-PAL-SL-1)</u>				
<u>Street Lights</u>				
On Existing Pole				
100 W P.A.L.	4	lights	\$9.06	435
200 W P.A.L.	1	lights	\$13.20	158
200 W P.A.L.-100% Customer	2	lights	\$5.52	132
On New Pole (Wood)				
100 W P.A.L.	8	lights	\$13.54	1,300
100 W P.A.L.-100% Customer	2	lights	\$3.53	85
On New Pole (Steel)				
200 W Cobra Head-100% Customer	2	lights	\$6.46	155
<u>Vapor Street Lighting System</u>				
175 W MV	152	lights	\$10.06	18,348
400 W MV	23	lights	\$16.31	4,502
100 W HPS	628	lights	\$9.06	68,254
150 W HPS	5	lights	\$10.71	643
200 W HPS	47	lights	\$13.20	7,446
<u>Controlled Private Area Lighting</u>				
175 W MV	340	lights	\$9.18	37,450
400 W MV	9	lights	\$17.75	1,917
400 W MV-Flood	17	lights	\$19.32	3,942
1000 W MV-Flood	2	lights	\$36.81	883
100 W HPS	115	lights	\$8.30	11,457
200 W HPS	2	lights	\$14.78	355
150 W HPS	8	lights	\$15.61	1,498
400 W HPS	36	lights	\$28.00	12,098
	2,132	Total Lights		
Energy Cost Adjustment	1,458,150	kWh		260,380
<u>Local Access Charge (LAC)</u>				
Demand Charge	374,418	kW	\$1.03	385,650
Grand Total	192,023,723	kWh		<u>18,098,026</u>

**Exhibit __ (RJM-WE-7) -
Comparison of Present and
Proposed Rate Schedules**

**Comparison of Revenue
Present and Proposed Rates
(Continued)**

(a) Line No.	(b) Rate Class	(c) Revenue Present Rates ¹	(d) Revenue Proposed Rates ²	(e) (f) <u>Increase (Decrease)</u>	
		(\$)	(\$)	Amount	Percent
				(\$)	(%)
1	Residential Service (09-RS)	4,294,126	4,507,918	213,792	5.0%
2	General Service Small (09-GSS)	1,131,562	1,248,704	117,142	10.4%
3	General Service Large (09-GSL)	5,001,301	5,424,358	423,057	8.5%
4	Industrial Service (09-IS)	783,699	814,124	30,425	3.9%
5	Industrial Service-Primary Discount	1,771,555	1,823,040	51,485	2.9%
6	Interruptible Industrial Service (09-INT)	150,063	154,497	4,435	3.0%
7	Sub-Transmission & Transmission Level Service (09-STR)	3,369,301	3,392,594	23,294	0.7%
8	Municipal Power Service (09-M-I) (Moved to GSS)	-	-	-	0.0%
9	Water Pumping Service (09-WP)	69,817	77,045	7,228	10.4%
10	Irrigation Service (09-IP-I)	7,356	8,118	762	10.4%
11	Temporary Service (09-CS)	1,522	1,598	76	5.0%
12	Private Area / Street Lighting (09-PAL-SL-I)	260,380	260,380	-	0.0%
13	Total Retail	16,840,681	17,712,376	871,695	5.2%
14					
15	Local Access Charge Revenue ³	527,929	385,650	(142,279)	-27.0%
16					
17	Total Rate Revenue	17,368,610	18,098,026	729,416	4.2%

¹ See page 5 of Exhibit ___ (RJM-WE-2).

² Reference page 2 of Exhibit ___ (RJM-WE-6).

³ Reference line 3, page 4 of Exhibit ___ (RJM-WE-5).

**Comparison of Average Rate
Present and Proposed Rates**

(a) Line No.	(b) Rate Class	(c) Energy Sales (kWh)	(d) Average Rate Present (¢/kWh)	(e) Average Rate Proposed (¢/kWh)	(f) Increase (Decrease) (%)
1	Residential Service (09-RS)	40,458,047	10.61	11.14	5.0%
2	General Service Small (09-GSS)	11,172,323	10.13	11.18	10.4%
3	General Service Large (09-GSL)	53,320,317	9.38	10.17	8.5%
4	Industrial Service (09-IS)	8,921,341	8.78	9.13	3.9%
5	Industrial Service-Primary Discount	21,763,500	8.14	8.38	2.9%
6	Interruptible Industrial Service (09-INT)	1,458,674	10.29	10.59	3.0%
7	Sub-Transmission & Transmission Level Service (09-STR)	52,710,039	6.39	6.44	0.7%
8	Municipal Power Service (09-M-I) (Moved to GSS)	-	N.A.	N.A.	N.A.
9	Water Pumping Service (09-WP)	702,482	9.94	10.97	10.4%
10	Irrigation Service (09-IP-I))	50,448	14.58	16.09	10.4%
11	Temporary Service (09-CS)	8,402	18.12	19.02	5.0%
12	Private Area / Street Lighting (09-PAL-SL-I)	1,458,150	17.86	17.86	0.0%

**Comparison of Average Monthly Bill
Present and Proposed Rates**

(a) Line No.	(b) Rate Class	(c) Energy Sales (cons.)	(d) Average Bill Per Cons. Present (\$/cons./mo.)	(e) Proposed (\$/cons./mo.)	(f) Increase (Decrease) (\$/cons./mo.)
1	Residential Service (09-RS)	4,146	86.31	90.61	4.30
2	General Service Small (09-GSS)	1,396	67.55	74.54	6.99
3	General Service Large (09-GSL)	546	763.32	827.89	64.57
4	Industrial Service (09-IS)	9	7,256.47	7,538.18	281.71
5	Industrial Service-Primary Discount	7	21,089.95	21,702.86	612.92
6	Interruptible Industrial Service (09-INT)	1	12,505.23	12,874.79	369.55
7	Sub-Transmission & Transmission Level Service (09-STR)	1	280,775.05	282,716.21	1,941.16
8	Municipal Power Service (09-M-I) (Moved to GSS)	-	N.A.	N.A.	-
9	Water Pumping Service (09-WP)	26	223.77	246.94	23.17
10	Irrigation Service (09-IP-I)	5	122.61	135.31	12.70
11	Temporary Service (09-CS)	4	31.71	33.29	1.58
12	Private Area / Street Lighting (09-PAL-SL-I)	2,135	10.16	10.16	-

**Comparison of
Present and Proposed Rate Schedules**

<u>Present Rates</u>				<u>Proposed Rates</u>			
<u>Residential Service (09-RS)</u>				<u>Residential Service (09-RS)</u>			
<u>General Use</u>				<u>General Use</u>			
Customer Charge	@	\$8.39	/month	Customer Charge	@	\$10.00	/month
Delivery Charge				Delivery Charge			
Summer - (July to Oct.)	@	\$0.09908	/kWh	Summer - (Jun 15th to Oct 15th)	@	\$0.10417	/kWh
Winter (Nov-Jun)	@	\$0.09108	/kWh	Winter (Oct 16th to Jun 14th)	@	\$0.09617	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
<u>Space Heating</u>				<u>Space Heating</u>			
Customer Charge	@	\$8.39	/month	Customer Charge	@	\$10.00	/month
Delivery Charge				Delivery Charge			
Summer - All kWh	@	\$0.09908	/kWh	Summer - (Jun 15th to Oct 15th)	@	\$0.10417	/kWh
Winter (Nov-Jun)				Winter (Oct 16th to Jun 14th)			
0-800 kWh	@	\$0.09108	/kWh	0-800 kWh	@	\$0.09617	/kWh
801-5800 kWh	@	\$0.06703	/kWh	801-5800 kWh	@	\$0.07373	/kWh
5801 kWh and above	@	\$0.09108	/kWh	5801 kWh and above	@	\$0.09617	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
<u>General Service Small (09-GSS)</u>				<u>General Service Small (09-GSS)</u>			
Customer Charge	@	\$11.10	/month	Customer Charge	@	\$13.00	/month
Delivery Charge				Delivery Charge			
Summer - (July to Oct.)	@	\$0.08361	/kWh	Summer - (Jun 15th to Oct 15th)	@	\$0.09300	/kWh
Winter (Nov-Jun)	@	\$0.07561	/kWh	Winter (Oct 16th to Jun 14th)	@	\$0.08500	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
Space Heating Service	@	\$0.06703	/kWh	Space Heating Service	@		/kWh
<u>General Service Large (09-GSL)</u>				<u>General Service Large (09-GSL)</u>			
Customer Charge	@	\$21.50	/month	Customer Charge	@	\$21.50	/month
Demand Charge per kW>9				Demand Charge per kW>9			
Summer - (July to Oct.)	@	\$9.50	/kW	Summer - (Jun 15th to Oct 15th)	@	\$11.50	/kW
Winter (Nov-Jun)	@	\$7.50	/kW	Winter (Oct 16th to Jun 14th)	@	\$9.50	/kW
Delivery Charge	@	\$0.07012	/kWh	Delivery Charge	@	\$0.07538	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
Space Heating Service	@	\$0.06703	/kWh	Space Heating Service	@		/kWh

**Comparison of
Present and Proposed Rate Schedules**

<u>Present Rates</u>				<u>Proposed Rates</u>			
<u>General Service Large (09-GSL)-Primary Discount</u>				<u>General Service Large (09-GSL)-Primary Discount</u>			
Customer Charge	@	\$21.07	/month	Customer Charge	@	\$21.07	/month
Demand Charge per kW>9				Demand Charge per kW>9			
Summer - (July to Oct.)	@	\$9.31	/kW	Summer - (Jun 15th to Oct 15th)	@	\$11.27	/kW
Winter (Nov-Jun)	@	\$7.35	/kW	Winter (Oct 16th to Jun 14th)	@	\$9.31	/kW
Delivery Charge	@	\$0.06872	/kWh	Delivery Charge	@	\$0.07387	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
Space Heating Service	@	\$0.06569	/kWh	Space Heating Service	@	\$0.07226	/kWh
<u>Industrial Service (09-IS)</u>				<u>Industrial Service (09-IS)</u>			
Customer Charge	@	\$100.62	/month	Customer Charge	@	\$100.62	/month
Demand Charge per kW>10				Demand Charge per kW>9			
Summer - (July to Oct.)	@	\$12.00	/kW	Summer - (Jun 15th to Oct 15th)	@	\$13.00	/kW
Winter (Nov-Jun)	@	\$9.00	/kW	Winter (Oct 16th to Jun 14th)	@	\$11.00	/kW
Delivery Charge	@	\$0.06004	/kWh	Delivery Charge	@	\$0.06083	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
<u>Industrial Service-Primary Discount</u>				<u>Industrial Service-Primary Discount</u>			
Customer Charge	@	\$98.61	/month	Customer Charge	@	\$98.61	/month
Demand Charge per kW>10				Demand Charge per kW>9			
Summer - (July to Oct.)	@	\$11.76	/kW	Summer - (Jun 15th to Oct 15th)	@	\$12.74	/kW
Winter (Nov-Jun)	@	\$8.82	/kW	Winter (Oct 16th to Jun 14th)	@	\$10.78	/kW
Delivery Charge	@	\$0.05884	/kWh	Delivery Charge	@	\$0.05962	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
<u>Interruptible Industrial Service (09-INT)</u>				<u>Interruptible Industrial Service (09-INT)</u>			
Customer Charge	@	\$100.62	/month	Customer Charge	@	\$100.62	/month
Demand Charge				Demand Charge			
Non-Interruptible				Non-Interruptible			
Summer - (July to Oct.)	@	\$12.00	/kW	Summer - (Jun 15th to Oct 15th)	@	\$13.00	/kW
Winter (Nov-Jun)	@	\$9.00	/kW	Winter (Oct 16th to Jun 14th)	@	\$11.00	/kW
Interruptible	@	\$6.90	/kW	Interruptible	@	\$6.90	/kW
Penalty	@	\$31.24	/kW	Penalty	@	\$31.24	/kW
Delivery Charge	@	\$0.05570	/kWh	Delivery Charge	@	\$0.05644	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh

**Comparison of
Present and Proposed Rate Schedules**

<u>Present Rates</u>				<u>Proposed Rates</u>			
<u>Sub-Transmission & Transmission Level Service (09-STR)</u>				<u>Sub-Transmission & Transmission Level Service (09-STR)</u>			
<u>Service at 34.5 kV Voltage</u>				<u>Service at 34.5 kV Voltage</u>			
Customer Charge	@	\$111.80	/month	Customer Charge	@	\$111.80	/month
<u>Demand Charge</u>				<u>Demand Charge</u>			
Demand Requirements	@	\$6.29	/kW	Demand Requirements	@	\$6.40	/kW
OATT	@	\$2.92	/kW	OATT	@	\$2.97	/kW
Local Access Charge	@	\$1.41	/kW	Local Access Charge	@	\$1.03	/kW
<u>Energy Charge</u>				<u>Energy Charge</u>			
Energy Charge	@	\$0.00990	/kWh	Energy Charge	@	\$0.01007	/kWh
Energy Cost Adjustment	@	\$0.03875	/kWh	Energy Cost Adjustment	@	\$0.03941	/kWh
Delivery Charge	@	\$0.00170	/kWh	Delivery Charge	@	\$0.00170	/kWh
<u>Service at 115 kV Voltage</u>				<u>Service at 115 kV Voltage</u>			
Customer Charge	@	\$111.80	/month	Customer Charge	@	\$111.80	/month
<u>Demand Charge</u>				<u>Demand Charge</u>			
Demand Requirements	@	\$6.29	/kW	Demand Requirements	@	\$6.29	/kW
OATT	@	\$2.92	/kW	OATT	@	\$2.92	/kW
<u>Energy Charge</u>				<u>Energy Charge</u>			
Energy Charge	@	\$0.00990	/kWh	Energy Charge	@	\$0.009896	/kWh
Energy Cost Adjustment	@	\$0.03875	/kWh	Energy Cost Adjustment	@	\$0.038750	/kWh
Delivery Charge	@	\$0.00170	/kWh	Delivery Charge	@	\$0.00170	/kWh
<u>Municipal Power Service (09-M-1)</u>				<u>Municipal Power Service (09-M-1)</u>			
Customer Charge	@	\$10.06	/month	(Moved to GSS Class)			
<u>Delivery Charge</u>							
Summer - (July to Oct.)	@	\$0.09127	/kWh				
Winter (Nov-Jun)	@	\$0.08327	/kWh				
Energy Cost Adjustment	@	\$0.00181	/kWh				
<u>Water Pumping Service (09-WP)</u>				<u>Water Pumping Service (09-WP)</u>			
Customer Charge	@	\$16.21	/month	Customer Charge	@	\$16.21	/month
<u>Delivery Charge</u>				<u>Delivery Charge</u>			
Summer - (July to Oct.)	@	\$0.09580	/kWh	Summer - (Jun 15th to Oct 15th)	@	\$0.10790	/kWh
Winter (Nov-Jun)	@	\$0.08780	/kWh	Winter (Oct 16th to Jun 14th)	@	\$0.09990	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh

Comparison of Present and Proposed Rate Schedules

<u>Present Rates</u>				<u>Proposed Rates</u>			
<u>Irrigation Service (09-IP-1)</u>				<u>Irrigation Service (09-IP-1)</u>			
Demand Charge per horsepower contracted				Demand Charge per horsepower contracted			
per year	@	\$34.00	/HP/yr.	per year	@	\$3.33	/HP/mo
Delivery Charge				Delivery Charge			
Summer - (July to Oct.)	@	\$0.08034	/kWh	Summer - (Jun 15th to Oct 15th)	@	\$0.08596	/kWh
Winter (Nov-Jun)	@	\$0.07234	/kWh	Winter (Oct 16th to Jun 14th)	@	\$0.07796	/kWh
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
<u>Temporary Service (09-CS)</u>				<u>Temporary Service (09-CS)</u>			
Delivery Charge	@	\$0.17936	/kWh	Delivery Charge	@	\$0.19017	/kWh
plus equipment service chg.				plus equipment service chg.			
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
<u>Private Area / Street Lighting (09-PAL-SL-1)</u>				<u>Private Area / Street Lighting (09-PAL-SL-1)</u>			
<u>Private Area Light (Coop owned)</u>				<u>Private Area Light (Coop owned)</u>			
On Existing Pole				On Existing Pole			
100 W P.A.L.	@	\$8.10	/mo.	100 W P.A.L.	@	\$8.18	/mo.
100 W P.A.L.-100% Custome	@	\$3.11	/mo.	100 W P.A.L.-100% Customer	@	\$3.18	/mo.
150 W P.A.L.	@	\$12.86	/mo.	150 W P.A.L.	@	\$12.98	/mo.
150 W P.A.L.-100% Custome	@	\$4.39	/mo.	150 W P.A.L.-100% Customer	@	\$4.50	/mo.
200 W P.A.L.	@	\$14.49	/mo.	200 W P.A.L.	@	\$14.64	/mo.
200 W P.A.L.-100% Custome	@	\$5.47	/mo.	200 W P.A.L.-100% Customer	@	\$5.62	/mo.
<u>Private Area Light (Coop owned)</u>				<u>Private Area Light (Coop owned)</u>			
On New Pole (Wood)				On New Pole (Wood)	@		
100 W P.A.L.	@	\$13.46	/mo.	100 W P.A.L.	@	\$13.54	/mo.
100 W P.A.L.-100% Custome	@	\$3.46	/mo.	100 W P.A.L.-100% Customer	@	\$3.53	/mo.
150 W P.A.L.	@	\$14.98	/mo.	150 W P.A.L.	@	\$15.10	/mo.
150 W P.A.L.-100% Custome	@	\$4.52	/mo.	150 W P.A.L.-100% Customer	@	\$4.63	/mo.
200 W P.A.L.	@	\$16.10	/mo.	200 W P.A.L.	@	\$16.25	/mo.
200 W P.A.L.-100% Custome	@	\$5.57	/mo.	200 W P.A.L.-100% Customer	@	\$5.72	/mo.
<u>Flood Lights</u>				<u>Flood Lights</u>			
On Existing Pole				On Existing Pole			
150 W Flood	@	\$15.22	/mo.	150 W Flood	@	\$15.34	/mo.
150 W Flood-100% Customer	@	\$4.54	/mo.	150 W Flood-100% Customer	@	\$4.65	/mo.
400 W Flood	@	\$27.99	/mo.	400 W Flood	@	\$28.29	/mo.
400 W Flood-100% Customer	@	\$10.26	/mo.	400 W Flood-100% Customer	@	\$10.56	/mo.
1000 W Flood M.H.	@	\$41.47	/mo.	1000 W Flood M.H.	@	\$42.22	/mo.
1000 W Flood M.H.-100% Cu	@	\$24.25	/mo.	1000 W Flood M.H.-100% Custon	@	\$24.99	/mo.
On New Pole (Wood)				On New Pole (Wood)			
150 W Flood	@	\$17.17	/mo.	150 W Flood	@	\$17.29	/mo.
150 W Flood-100% Customer	@	\$4.68	/mo.	150 W Flood-100% Customer	@	\$4.79	/mo.
400 W Flood	@	\$29.92	/mo.	400 W Flood	@	\$30.23	/mo.
400 W Flood-100% Customer	@	\$10.39	/mo.	400 W Flood-100% Customer	@	\$10.69	/mo.
1000 W Flood M.H.	@	\$56.16	/mo.	1000 W Flood M.H.	@	\$56.92	/mo.
1000 W Flood M.H.-100% Cu	@	\$23.40	/mo.	1000 W Flood M.H.-100% Custon	@	\$24.14	/mo.

**Comparison of
Present and Proposed Rate Schedules**

<u>Present Rates</u>				<u>Proposed Rates</u>			
<u>Private Area / Street Lighting (09-PAL-SL-I)</u>				<u>Private Area / Street Lighting (09-PAL-SL-I)</u>			
Continued				Continued			
<u>Street Lights</u>				<u>Street Lights</u>			
On Existing Pole				On Existing Pole			
100 W P.A.L.	@	\$8.98	/mo.	100 W P.A.L.	@	\$9.06	/mo.
100 W P.A.L.-100% Custome	@	\$3.18	/mo.	100 W P.A.L.-100% Customer	@	\$3.25	/mo.
150 W P.A.L.	@	\$10.60	/mo.	150 W P.A.L.	@	\$10.71	/mo.
150 W P.A.L.-100% Custome	@	\$4.23	/mo.	150 W P.A.L.-100% Customer	@	\$4.34	/mo.
200 W P.A.L.	@	\$13.05	/mo.	200 W P.A.L.	@	\$13.20	/mo.
200 W P.A.L.-100% Custome	@	\$5.37	/mo.	200 W P.A.L.-100% Customer	@	\$5.52	/mo.
<u>Street Lights</u>				<u>Street Lights</u>			
On New Pole (Wood)				On New Pole (Wood)			
100 W P.A.L.	@	\$13.46	/mo.	100 W P.A.L.	@	\$13.54	/mo.
100 W P.A.L.-100% Custome	@	\$3.46	/mo.	100 W P.A.L.-100% Customer	@	\$3.53	/mo.
150 W P.A.L.	@	\$14.98	/mo.	150 W P.A.L.	@	\$15.10	/mo.
150 W P.A.L.-100% Custome	@	\$4.52	/mo.	150 W P.A.L.-100% Customer	@	\$4.63	/mo.
200 W P.A.L.	@	\$16.10	/mo.	200 W P.A.L.	@	\$16.25	/mo.
200 W P.A.L.-100% Custome	@	\$5.57	/mo.	200 W P.A.L.-100% Customer	@	\$5.72	/mo.
On Existing Pole				On Existing Pole			
100 W Cobra Head	@	\$8.98	/mo.	100 W Cobra Head	@	\$9.06	/mo.
100 W Cobra Head-100% Cus	@	\$3.18	/mo.	100 W Cobra Head-100% Custom	@	\$3.25	/mo.
150 W Cobra Head	@	\$10.60	/mo.	150 W Cobra Head	@	\$10.71	/mo.
150 W Cobra Head-100% Cus	@	\$4.23	/mo.	150 W Cobra Head-100% Custom	@	\$4.34	/mo.
200 W Cobra Head	@	\$13.05	/mo.	200 W Cobra Head	@	\$13.20	/mo.
200 W Cobra Head-100% Cus	@	\$5.37	/mo.	200 W Cobra Head-100% Custom	@	\$5.52	/mo.
250 W Cobra Head	@	\$14.34	/mo.	250 W Cobra Head	@	\$14.53	/mo.
250 W Cobra Head-100% Cus	@	\$6.44	/mo.	250 W Cobra Head-100% Custom	@	\$6.62	/mo.
400 W Cobra Head	@	\$17.52	/mo.	400 W Cobra Head	@	\$17.82	/mo.
400 W Cobra Head-100% Cus	@	\$9.56	/mo.	400 W Cobra Head-100% Custom	@	\$9.85	/mo.
On New Pole (Wood)				On New Pole (Wood)			
100 W Cobra Head	@	\$15.73	/mo.	100 W Cobra Head	@	\$15.81	/mo.
100 W Cobra Head-100% Cus	@	\$3.61	/mo.	100 W Cobra Head-100% Custom	@	\$3.68	/mo.
150 W Cobra Head	@	\$16.94	/mo.	150 W Cobra Head	@	\$17.06	/mo.
150 W Cobra Head-100% Cus	@	\$4.67	/mo.	150 W Cobra Head-100% Custom	@	\$4.78	/mo.
200 W Cobra Head	@	\$17.76	/mo.	200 W Cobra Head	@	\$17.91	/mo.
200 W Cobra Head-100% Cus	@	\$5.69	/mo.	200 W Cobra Head-100% Custom	@	\$5.84	/mo.
250 W Cobra Head	@	\$19.76	/mo.	250 W Cobra Head	@	\$19.95	/mo.
250 W Cobra Head-100% Cus	@	\$7.11	/mo.	250 W Cobra Head-100% Custom	@	\$7.29	/mo.
400 W Cobra Head	@	\$22.94	/mo.	400 W Cobra Head	@	\$23.24	/mo.
400 W Cobra Head-100% Cus	@	\$10.22	/mo.	400 W Cobra Head-100% Custom	@	\$10.52	/mo.
On New Pole (Steel)				On New Pole (Steel)			
100 W Cobra Head	@	\$24.51	/mo.	100 W Cobra Head	@	\$24.60	/mo.
100 W Cobra Head-100% Cus	@	\$4.21	/mo.	100 W Cobra Head-100% Custom	@	\$4.28	/mo.
150 W Cobra Head	@	\$25.71	/mo.	150 W Cobra Head	@	\$25.83	/mo.
150 W Cobra Head-100% Cus	@	\$5.24	/mo.	150 W Cobra Head-100% Custom	@	\$5.35	/mo.
200 W Cobra Head	@	\$27.18	/mo.	200 W Cobra Head	@	\$27.34	/mo.
200 W Cobra Head-100% Cus	@	\$6.31	/mo.	200 W Cobra Head-100% Custom	@	\$6.46	/mo.
250 W Cobra Head	@	\$30.34	/mo.	250 W Cobra Head	@	\$30.54	/mo.
250 W Cobra Head-100% Cus	@	\$7.50	/mo.	250 W Cobra Head-100% Custom	@	\$7.69	/mo.
400 W Cobra Head	@	\$33.49	/mo.	400 W Cobra Head	@	\$33.80	/mo.
400 W Cobra Head-100% Cus	@	\$10.61	/mo.	400 W Cobra Head-100% Custom	@	\$10.91	/mo.

**Comparison of
Present and Proposed Rate Schedules**

<u>Present Rates</u>				<u>Proposed Rates</u>			
<u>Vapor Street Lighting System</u>				<u>Vapor Street Lighting System</u>			
175 W MV	@	\$9.94	/mo.	175 W MV		\$10.06	/mo.
250 W MV	@	\$12.28	/mo.	250 W MV		\$12.46	/mo.
400 W MV	@	\$16.03	/mo.	400 W MV		\$16.31	/mo.
100 W HPS	@	\$8.98	/mo.	100 W HPS		\$9.06	/mo.
150 W HPS	@	\$10.60	/mo.	150 W HPS		\$10.71	/mo.
200 W HPS	@	\$13.05	/mo.	200 W HPS		\$13.20	/mo.
<u>Controlled Private Area Lighting</u>				<u>Controlled Private Area Lighting</u>			
175 W MV	@	\$9.06	/mo.	175 W MV		\$9.18	/mo.
400 W MV	@	\$17.47	/mo.	400 W MV		\$17.75	/mo.
400 W MV-Flood	@	\$19.04	/mo.	400 W MV-Flood		\$19.32	/mo.
1000 W MV-Flood	@	\$36.15	/mo.	1000 W MV-Flood		\$36.81	/mo.
100 W HPS	@	\$8.22	/mo.	100 W HPS		\$8.30	/mo.
200 W HPS	@	\$14.62	/mo.	200 W HPS		\$14.78	/mo.
150 W HPS	@	\$15.31	/mo.	150 W HPS		\$15.61	/mo.
400 W HPS	@	\$27.99	/mo.	400 W HPS		\$28.00	/mo.
<u>Security (Decorative) Lighting Service (09-DOL-I)</u>				<u>Security (Decorative) Lighting Service (09-DOL-I)</u>			
<u>Coop Owned</u>				<u>Coop Owned</u>			
<u>Acorn</u>				<u>Acorn</u>			
35 W HPS	@	\$18.40	/mo.	35 W HPS	@	\$18.43	/mo.
35 W HPS-100% Customer	@	\$2.69	/mo.	35 W HPS-100% Customer	@	\$2.72	/mo.
100 W HPS	@	\$26.91	/mo.	100 W HPS	@	\$27.00	/mo.
100 W HPS-100% Customer	@	\$4.58	/mo.	100 W HPS-100% Customer	@	\$4.65	/mo.
250 W HPS	@	\$31.44	/mo.	250 W HPS	@	\$31.64	/mo.
250 W HPS-100% Customer	@	\$7.81	/mo.	250 W HPS-100% Customer	@	\$8.00	/mo.
<u>Single Globe</u>				<u>Single Globe</u>			
35 W HPS	@	\$14.22	/mo.	35 W HPS	@	\$14.25	/mo.
35 W HPS-100% Customer	@	\$2.41	/mo.	35 W HPS-100% Customer	@	\$2.44	/mo.
70 W HPS	@	\$23.41	/mo.	70 W HPS	@	\$23.47	/mo.
70 W HPS-100% Customer	@	\$3.73	/mo.	70 W HPS-100% Customer	@	\$3.78	/mo.
100 W HPS	@	\$24.26	/mo.	100 W HPS	@	\$24.35	/mo.
100 W HPS-100% Customer	@	\$4.40	/mo.	100 W HPS-100% Customer	@	\$4.47	/mo.
150 W HPS	@	\$25.48	/mo.	150 W HPS	@	\$25.60	/mo.
150 W HPS-100% Customer	@	\$5.45	/mo.	150 W HPS-100% Customer	@	\$5.56	/mo.
<u>Multi Globe</u>				<u>Multi Globe</u>			
70 W HPS (5)	@	\$61.99	/mo.	70 W HPS (5)	@	\$62.28	/mo.
70 W HPS (5)-100% Custome	@	\$12.56	/mo.	70 W HPS (5)	@	\$12.82	/mo.
100 W HPS (5)	@	\$66.14	/mo.	100 W HPS (5)	@	\$66.54	/mo.
100 W HPS (5)-100% Custom	@	\$15.79	/mo.	100 W HPS (5)	@	\$16.16	/mo.
150 W HPS (5)	@	\$72.36	/mo.	150 W HPS (5)	@	\$72.94	/mo.
150 W HPS (5)-100% Custom	@	\$21.10	/mo.	150 W HPS (5)	@	\$21.65	/mo.

**Comparison of
Present and Proposed Rate Schedules**

<u>Present Rates</u>				<u>Proposed Rates</u>			
<u>Security (Decorative) Lighting Service (09-DOL-1)</u>				<u>Security (Decorative) Lighting Service (09-DOL-1)</u>			
<u>Coop Owned (Cont'd)</u>				<u>Coop Owned (Cont'd)</u>			
<u>Lantern</u>				<u>Lantern</u>			
35 W HPS	@	\$16.60	/mo.	35 W HPS	@	\$16.63	/mo.
35 W HPS-100% Customer	@	\$2.58	/mo.	35 W HPS-100% Customer	@	\$2.61	/mo.
100 W HPS	@	\$29.06	/mo.	100 W HPS	@	\$29.15	/mo.
100 W HPS-100% Customer	@	\$4.71	/mo.	100 W HPS-100% Customer	@	\$4.78	/mo.
250 W HPS	@	\$33.36	/mo.	250 W HPS	@	\$33.56	/mo.
250 W HPS-100% Customer	@	\$7.94	/mo.	250 W HPS-100% Customer	@	\$8.13	/mo.
<u>Shoebox</u>				<u>Shoebox</u>			
100 W HPS	@	\$33.95	/mo.	100 W HPS	@	\$34.04	/mo.
100 W HPS-100% Customer	@	\$5.03	/mo.	100 W HPS-100% Customer	@	\$5.11	/mo.
250 W HPS	@	\$38.12	/mo.	250 W HPS	@	\$38.32	/mo.
250 W HPS-100% Customer	@	\$8.26	/mo.	250 W HPS-100% Customer	@	\$8.45	/mo.
400 W HPS	@	\$41.88	/mo.	400 W HPS	@	\$42.19	/mo.
400 W HPS-100% Customer	@	\$11.63	/mo.	400 W HPS-100% Customer	@	\$11.93	/mo.
800 W HPS	@	\$58.10	/mo.	800 W HPS	@	\$58.71	/mo.
800 W HPS-100% Customer	@	\$20.88	/mo.	800 W HPS-100% Customer	@	\$21.00	/mo.
Energy Cost Adjustment	@	\$0.00181	/kWh	Energy Cost Adjustment	@		/kWh
<u>Local Access Charge (LAC)</u>				<u>Local Access Charge (LAC)</u>			
Demand Charge	@	\$1.41	/mo.	Demand Charge	@	\$1.03	/mo.

**Exhibit __ (RJM-WE-8) - Present
Rate Schedules**

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. _____

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule:

Replacing Schedule _Sheet
Which was filed

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet of Sheets

Copies of the official tariff sheets are available at offices providing service under the tariffs, and at the governing state or national commission offices. The information available here attempts to be materially the same, but should there be any discrepancies, in all cases the official tariffs on file with the governing commission will hold over these documents.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: General Rate Index

Replacing Schedule General Rate Index Sheet 1
 Which was filed April 1, 2007

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 1 of 2 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

GENERAL RATE INDEX

<u>DESCRIPTION</u>	<u>SCHEDULE</u>	<u>INDEX NO.</u>
General Rate Index	General Rate Index	1
Residential	04-RS	2
Held For Future Use	N/A	3
General Service-Small	04-GSS	4
General Service-Large	04-GSL	5
General Service-Space Heating	04-Rider No. 1	6
Industrial Service	04-IS	7
Industrial Service, Interruptible	04-INT	8
Real-Time Price Program	04-RTP	10
Private Area/Street Lighting	04-PAL-SL-I	12
Decorative Security Lighting	04-DOL-I	13
Private Area Lighting (Frozen)	04-PAL-I	14
Street Lighting, Ornamental Vapor (Frozen)	04-OSL-V-I	16
Sub-Transmission and Transmission Service	04-STR	17
Municipal Service	04-M-I	18
Water Pumping, Municipal	04-WP	19
Irrigation Service	04-IP-I	20
Temporary Service	04-CS-9	21
Energy Cost Adjustment	04-ECA	22
Parallel Generation Service	04-PGS	23
Local Access Delivery Service	09-LAC	24

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-RS

Replacing Schedule 01-RS Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

DEFINITION OF SUMMER AND WINTER BILLING PERIODS

The summer billing period includes all bills dated July 1 to October 31, inclusive. The winter billing period includes all bills dated November 1 to June 30, inclusive.

SPACE HEATING

If the customer permanently installs and uses in his residence equipment for electric space heating of not less than three (3) kilowatt capacity, and has so informed the Cooperative in writing, all kWh used on winter bills shall be at the rates shown in the Net Monthly Bill section, above.

DELAYED PAYMENT

As per schedule DPC.

RECONNECTION CHARGE

In the event a customer orders a disconnection and reconnection of service at the same premises within a period of twelve (12) months, The Cooperative may collect as a reconnection charge the sum of such minimum bills as would have accrued during the period of disconnection.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 3

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: N/A

Replacing Schedule N/A Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

HELD FOR FUTURE USE

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 04-GSS

Replacing Schedule 01-GSS Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

Sheet 1 of 2 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

GENERAL SERVICE SMALL

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service of a single character supplied at one (1) point of delivery and used for general business or commercial purposes, institutions, public or private, and purpose for which no specific rate schedule is provided. This rate is applicable to service of less than ten (10) kW of Demand. If a demand of ten (10) kW or over is reached during a twelve (12) month period, service will be changed to the GSL Rate. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; single phase, 115 or 115/230 volt; three phase, 3 wire, 230 volt; three phase, 4 wire, 115/230 volt.

NET MONTHLY BILL

Customer Charge

\$11.10 per meter per month.

Delivery Charge

Winter
 Bills November 1
 to June 30 inclusive

Summer
 Bills July 1 to
 October 31 inclusive

All kWh per month

\$0.07561 per kWh

\$0.08361 per kWh

Minimum

The minimum bill shall be the customer charge.

Issued _____
 Month Day Year

Effective Upon Commission Approval
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-GSS

Replacing Schedules 01-GSS Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

Customer's average kilowatt load during the fifteen (15) minute period of maximum use during the month.

DELAYED PAYMENT

As per Schedule DPC.

CONTRACT PERIOD

Not less than one (1) year for single phase service in excess of ten (10) kW demand and for all three phase service, in accordance with Agreement for Electric Service by the Cooperative.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 04-GSL

Replacing Schedule 01-GSL Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

Sheet 1 of 2 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

GENERAL SERVICE LARGE

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service of a single character supplied at one (1) point of delivery and used for general business or commercial purposes, institutions, public or private, and purpose for which no specific rate schedule is provided. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service. This rate is applicable to service of ten (10) kW of Demand and over.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; single phase, 115 or 115/230 volt; three phase, 3 wire, 230 volt; three phase, 4 wire, 115/230 volt.

NET MONTHLY BILL

Customer Charge

\$21.50 per meter per month.

Demand Charge

Per kW over 9

Winter
 Bills November 1
 to June 30 inclusive

\$7.50 per month

Summer
 Bills July 1 to
 October 31 inclusive

\$9.50 per month

Delivery Charge

All kWh per month

\$0.07012 per kWh

\$0.07012 per kWh

Minimum

The minimum bill shall be the customer charge plus \$9.00 for each kW over nine (9) kW of the highest demand during the twelve (12) months ending currently.

Issued _____
 Month Day Year

Effective Upon Commission Approval
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-GSL

Replacing Schedule 01-GSL Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

Customer's average kilowatt load during the fifteen (15) minute period of maximum use during the month.

POWER FACTOR

If the average power factor for the month (determined at the option of the Cooperative by permanent measurement or by test under normal operating conditions) is less than eighty-five percent (85%), the demand will be adjusted by multiplying by eighty-five percent (85%) and dividing by the average power factor expressed in percent.

PRIMARY SERVICE DISCOUNT

The rate provision of the net monthly bill excluding the Energy Cost Adjustment Clause will be discounted two percent (2%) if all service is delivered and metered at a primary distribution voltage of 4160 volts or higher and customer owns and maintains all necessary transformation equipment and substation.

DELAYED PAYMENT

As per Schedule DPC.

CONTRACT PERIOD

Not less than one (1) year for single phase service in excess of nine (9) kW demand and for all three phase service, in accordance with Agreement for Electric Service by the Cooperative.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-Rider No. 1

Replacing Schedule 01-Rider No. 1 Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

RIDER NO. 1 - SPACE HEATING SERVICE

APPLICABILITY

Applicable to Schedules GSS and GSL, for customers who use electric space heating equipment as the sole source of comfort heating for the space heated and when such equipment is of size and design approved by the Cooperative.

Space heating equipment shall be permanently installed of not less than three (3) kilowatts total input rating, operating at 220 volts or higher.

All provisions of the applicable schedule remain effective subject only to the modifications and additional provisions prescribed by this rider.

RATE

The customer, at his option, can be billed under either of the following:

- a) During the eight (8) consecutive billing months of November 1 through June 30 where customer arranges the wiring so the electric energy used for space heating can be metered separately, all kWh at \$0.06703 plus energy cost adjustment. For electricity used during other periods, the demand and kWh on the separate circuit shall be arithmetically combined for billing purposes with other electric service supplied and billed at the applicable rate.
- b) Where customer has installed and in regular use electric space heating that is not less than thirty percent (30%) of the total connected load, the demand used for billing purposes in the billing months of November 1 through June 30 shall not exceed the highest similarly established in the next preceding billing months of July, August, September, or October.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC

(Name of Issuing Utility)

Schedule: 04-Rider No. 1

Replacing Schedule 01-Rider No. 1 Sheet 2

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

- c) Use during months not included in the Heating Season: Demand established and kWh used by equipment connected to space heating circuits will be added to demands and kWh measured for billing the service supplied under the schedule with which this rider is applied and the total service will be billed under such schedule.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

HEATING SEASON

Eight (8) consecutive months, November 1 to June 30, inclusive.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 04-IS

Replacing Schedule 01-IS Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

Sheet 1 of 2 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

INDUSTRIAL SERVICE

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service of a single character supplied at one (1) point of delivery and used for industrial or manufacturing purposes in which a product is produced or processed and from which point the end product does not normally reach the ultimate consumer. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; at any one standard voltage required by customer as described in Cooperative's Standards for Electric Service.

NET MONTHLY BILL

Customer charge

\$100.62 per meter per month

Winter
 Bills November 1
 to June 30 inclusive

Summer
 Bills July 1 to
 October 31 inclusive

Demand Charge

Per kW over 10

\$9.00 per month

\$12.00 per month

Delivery Charge

All kWh per month

\$0.06004 per kWh

\$0.06004 per kWh

Minimum

1. The Demand Charge
2. Where it is necessary to make unusual extension or to reinforce distribution lines to provide service such that in the judgment of the Cooperative, revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, The Cooperative may require an adequate minimum bill calculated upon reasonable considerations before undertaking to supply the service.

Issued _____
 Month Day Year

Effective Upon Commission Approval
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-IS

Replacing Schedule 01-IS Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

The Kansas Corporation Commission must approve minimum bills thus determined. In such cases, the consumer shall enter into a written contract with the Cooperative as to the character, amount and duration of the business offered.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

Customer's average kilowatt load during the fifteen (15) minute period of maximum use during the month, but not less than seventy-five percent (75%) of highest demand in previous eleven (11) months nor less than fifty (50) kilowatts.

POWER FACTOR

If the average power factor for the month (determined at the option of the Cooperative by permanent measurement or by test under normal operating conditions) is less than eighty-five percent (85%), the demand will be adjusted by multiplying by eighty-five percent (85%) and dividing by the average power factor expressed in percent.

PRIMARY SERVICE DISCOUNT

The rate provision of the net monthly bill excluding the energy cost adjustment clause will be discounted two percent (2%) if all service is delivered and metered at a primary distribution voltage of 4160 volts or higher and customer owns and maintains all necessary transformation equipment and substation.

DELAYED PAYMENT

As per Schedule DPC.

CONTRACT PERIOD

Not less than one (1) year, or such term as may be specified for a line extension, in accordance with the Agreement for Electric Service.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 04-INT

Replacing Schedule 01-INT Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

Sheet 1 of 4 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

INTERRUPTIBLE INDUSTRIAL SERVICE

AVAILABLE

In all rate areas, with the Cooperative reserving the right to remove this rate schedule or modify it in any manner, subject to Kansas Corporation Commission approval. The Cooperative reserves the right to limit the number and amount of the contracts of kW demand to a total load for interruption of five thousand (5,000) kW demand under this rate.

APPLICABLE

The customer must be presently eligible for the IS rate and complete a written application to the Cooperative. Customer must dedicate by contract agreement at least two hundred (200) kW to interruption at any time and designate when applicable a desired kW portion to be billed on the non-interruptible basis. Customer must furnish the Cooperative with the names of a primary and secondary designated representative, one of which can be contacted twenty-four (24) hours a day.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; at any one standard voltage required by customer as described in Cooperative's Standards for Electric Service.

NET MONTHLY BILL

Customer Charge

\$100.62 per meter per month

Winter
 Bills November 1
 to June 30 inclusive

Summer
 Bills July 1 to
 October 31 inclusive

Demand Charge

Non-Interruptible

All kW of billing demand	\$9.00 per month	\$12.00 per month
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Interruptible

All kW of billing demand	\$6.90 per month	\$6.90 per month
--------------------------	------------------	------------------

Penalty

All kW of billing demand	\$31.24 per month	\$31.24 per month
--------------------------	-------------------	-------------------

Delivery Charge

All kWh per month	\$0.05570 per kWh	\$0.05570 per kWh
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Issued _____
 Month Day Year

Effective Upon Commission Approval
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-INT

Replacing Schedule 01-INT Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 4 Sheets

Minimum

1. The Demand Charge
2. Where it is necessary to make an unusual extension or to reinforce distribution lines to provide service such that in the judgment of the Cooperative the revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, the Cooperative may require an adequate minimum bill calculated upon reasonable considerations before undertaking to supply the service. The Kansas Corporation Commission must approve minimum bills thus determined. In such cases, the consumer shall enter into a written contract with the Cooperative as to the character, amount and duration of the business offered.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

- A. Non-Interruptible: The amount of kW required and designated by contractual agreement not to be interrupted.
- B. Penalty: The customer's average kilowatt load during the fifteen (15) minute period of maximum use during any interruptible period during the month less the kW billed under Part A of this section.
- C. Interruptible: The customer's average kilowatt load during the fifteen (15) minute period of maximum use during any non-interruptible period during the month less the kW billed under Parts A & B of this section; but not less than seventy-five percent (75%) of the highest demand (add Parts A, B. & C) in the previous eleven (11) months nor less than two hundred (200) kilowatts (add parts B & C).

POWER FACTOR

If the average power factor for the month (determined at the option of the Cooperative by permanent measurement or by test under normal operating conditions) is less than eighty-five percent (85%), the demand will be adjusted by multiplying by eighty-five percent (85%) and dividing by the average power factor expressed in percent.

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MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-INT

Replacing Schedule 01-INT Sheet 3
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 3 of 4 Sheets

PRIMARY SERVICE DISCOUNT

The rate provision of the net monthly bill excluding the energy cost adjustment clause will be discounted two percent (2%) if all service is delivered and metered at a primary distribution voltage of 4160 volts or higher and customer owns and maintains all necessary transformation equipment and substation.

CONTRACT PERIOD

Not less than one (1) year, or such term as may be specified for a line extension, in accordance with the Agreement for Electric Service. Six (6) months written notice, except upon the following occurrence, must be given by customer to the Cooperative before customer may change from this rate schedule to another applicable rate schedule. The customer will automatically default by placing twenty-five percent (25%) or more of its contracted interruptible demand on Cooperative system during a declared interruptible period in each of any two (2) calendar months out of a rolling twelve (12) calendar month period. The customer shall pay all applicable charges under this tariff and then transfer to another rate schedules for the following billing month. Customer may reapply for interruptible service on June 1st of the calendar year following the occurrence of default.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

1. Application/Placement on Rate: Rate applicant will be placed on a list in the order in which they make requests. Applicants will be placed on the rate as soon as the necessary facilities are in place and approved by the Cooperative.

Note: For the purpose of this rate, the loads used in the cumulative total will be determined by Cooperative on an expected value basis using actual meter data indicative of loads which can be interrupted during the hours of 11 a.m. and 11 p.m., from June 15th to September 15th.

2. Interruptions: Notice: The Cooperative may interrupt the interruptible portion of service under this schedule at any time with at least two (2) hours advance notice. While additional advance notice is not required, the Cooperative will endeavor to give customer twenty-four (24) hours prior notice when possible.

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Schedule: 04-INT

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Period of Interruption: A period of interruption is a time interval, of either a four (4) or eight (8) hour increment, as communicated to the customer's designated representative by Cooperative designated representative. Time intervals may extend over consecutive periods with each having a two (2) hours minimum notice.

Duration of Interruption: It is further understood and agreed that service to the customer shall be interrupted when, in the opinion of Cooperative System Operator, continued service would contribute to the establishment of a predetermined Cooperative system peak load and during any system emergency such as a sudden loss of generation or transmission or other situations when reduction in load on Cooperative system is required. The interruption of service shall continue until conditions causing interruptions have been cleared.

3. Responsibility: The customer will be responsible for monitoring his load in order to comply with the terms of the contract and provisions of this service schedule.

The Cooperative shall purchase and install an electronic meter relay which shall provide the customer with an instantaneous, visual monitor of its demand.

4. Liability: The Cooperative shall have no liability to the customer or any other person, firm, or corporation for any loss, damage, or injury by reason of any interruption or curtailment as provided herein.

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Schedule: 04-RTP

Replacing Schedule 01-RTP Sheet 1
Which was filed March 18, 2005

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No supplement or separate understanding
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Sheet 1 of 5 Sheets

REAL-TIME PRICE (RTP) PROGRAM

PURPOSE

Real-time pricing (RTP) offers customers electricity at marginal-cost based prices. This offers customers the ability to more accurately respond to the true costs of providing power. Customers benefit from the opportunity to consume more power during relatively frequent low-cost hours, while reducing usage during the relatively few high-cost hours.

Hourly prices under the RTP program will be provided on a day-ahead basis to customers. Prices for weekends and holidays will be provided on the preceding business day. Prices become binding at 4:00 p.m. of the preceding day. Power under the RTP program is firm.

AVAILABILITY

This service is available to all customers who agree to abide by the terms and conditions of the service agreement.

This program is not available for resale, standby, back-up, or supplemental service.

CHARACTER OF SERVICE

Single-phase, 60 Hertz, nominally 120/240 volts firm electric service, provided from the Cooperative's secondary distribution system. Three-phase secondary service shall be available where three-phase facilities are available without additional construction or may be made available at additional charge at voltages not exceeding 480 volts. Three-phase primary distribution service shall be available where primary distribution facilities are available without additional construction.

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 Which was filed March 18, 2005

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No supplement or separate understanding shall modify the tariff as shown hereon.

MONTHLY RATE

RTP Bill = Base Bill + Incremental Delivery Charge + RTP Service Charge + Reactive Demand Adjustment.

The components of the RTP Bill are defined below.

$$\text{Base Bill} = \text{Standard Tariff Bill} + \beta * (\text{Standard Tariff Bill} - \sum_h (P_h^{\text{RTP}} * \text{CBL}_h))$$

Standard Tariff Bill is the customer baseline load (CBL, defined below) for the billing month, billed under the current prices of the customer's standard tariff, (the tariff under which the customer was billed prior to joining the RTP program). The Standard Tariff Bill excludes the Reactive Demand Adjustment.

β is an adjustment to the Standard Tariff Bill. The Cooperative will offer Basic RTP Service with β equal to zero and may offer Premium RTP Service with β equal to 0.05

$$\text{Incremental Energy Charge} = \sum_h P_h^{\text{RTP}} * (\text{Actual Load}_h - \text{CBL}_h)$$

\sum_h indicates a summation across all hours in the billing month.

Actual Load_h is the customer's actual energy use in the hour (kWh).

CBL_h is the baseline hourly energy use. (See below.)

P_h^{RTP} , the real-time price, is calculated as:

$$P_h^{\text{RTP}} = \alpha * MC_h + (1 - \alpha) * P_h^{\text{STD}}$$

MC_h is the day-ahead forecast of hourly short-run marginal cost of providing energy to Kansas retail customers, including provisions for line losses. Marginal costs include the marginal cost of real power and operating reserves and a proxy for the marginal cost of transmission. (See below for a description of this proxy.)

P_h^{STD} is the hourly effective delivery charge of the customer's Standard Tariff Bill, calculated from the applicable standard (non-RTP) price schedule. It is the change in the Standard Tariff Bill due to a change in usage and includes both delivery and demand charges.

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Replacing Schedule 01-RTP Sheet 3
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MONTHLY RATE (continued)

α is the weight of marginal cost in defining retail price, with value of 0.8 for regular RTP service and 0.95 for RTP Premium service.

RTP Service Charge = \$223.60 per month for customers whose customer baseline load (CBL) peak demand exceeds five hundred (500) kW for three (3) consecutive months.
\$251.55 per month for all other customers.

Reactive Demand Adjustment is the adjustment found in the tariff that served the RTP customer prior to joining RTP. The price of the reactive demand is the current price under that tariff.

CUSTOMER BASELINE LOAD

The customer baseline load (CBL) represents the electricity consumption pattern typical of the RTP customer's operations were they to remain on the standard tariff. The CBL is specific to each individual customer and includes hourly load plus billing aggregates such as peak demand necessary to calculate the base bill under the customer's standard tariff. The CBL is determined in advance of the customer's taking RTP service and is part of the customer's service agreement.

The CBL will be based, whenever possible, on existing load information. The Cooperative reserves the right to adjust the CBL to allow for special circumstances. The CBL is used to ensure revenue neutrality on a customer-specific basis, and must be mutually agreed upon by both the customer and the Cooperative before service commences. The CBL will be in force for the duration of the customer's RTP service agreement.

TRANSMISSION AND DISTRIBUTION

Transmission and distribution charges are currently bundled into Standard Tariff Bill charges.

If the Cooperative is required to either increase the capacity or accelerate its plans for increasing capacity of the transmission or distribution facilities or other equipment necessary to accommodate a customer's increased load, then an additional facilities charge will be assessed.

POWER FACTOR ADJUSTMENT

The Power Factor Adjustment will be billed, where applicable, in accordance with the customer's otherwise applicable, non-RTP, standard tariff. The customer's Standard Tariff Bill does not include any reactive demand charges.

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PRICE DISPATCH AND CONFIRMATION

The Cooperative will transmit prices for each day by 4:00 p.m. of the preceding business day. The Cooperative not responsible for failure of customer to receive and act upon the Price Quote. It is customer's responsibility to inform the Cooperative by 5:00 p.m. of failure to receive the Price Quote. The actions taken by customer based on the Price Quote are customer's responsibility.

INTERRUPTIBLE CUSTOMERS

Interruptible customers can participate in RTP service using one (1) of three (3) options:

Option 1: Conversion to Firm Power Status: The customer can terminate their interruptible contract, revert to the applicable standard tariff and join RTP.

Option 2: Retain Interruptible Contract but Add a Buy-through Option: The customer retains their interruptible contract and obtains the privilege of "buying through" their non-interruptible power level at times of interruption at the posted real-time price. The value of the interruptible discount will be reduced by fifty percent (50%). At times of interruptions, the CBL of such a customer will be set to the lesser of the existing CBL value and the customer's non-interruptible power level. The customer will be able to exceed their non-interruptible power level during interruption periods without penalty by purchasing incremental load at the real-time price and will be reimbursed at the same real-time price for reductions below the CBL.

Option 3: Retain Interruptible Contract: The Interruption provisions of the rider will continue to apply as stated in the rider. The marginal cost of real power and operating reserves will not be applied to the interruptible portion of the customer's Baseline Load. At times of interruptions, the CBL of such a customer will be set to the lesser of the existing CBL value and the customer's non-interruptible power level.

PRICE QUOTES FOR FIXED QUANTITIES

To further manage risks, customers will have the option to contract with the Cooperative for short-term power transactions at a price for pre-specified departures from the customer's previously established CBL. The duration of such contracts is not to exceed six (6) months or be shorter than one (1) week. The Cooperative and customer will mutually agree on the pricing structure and quantities to be used for the Price Quote, including but not limited to, hourly prices, prices by time period or seasons, price caps and floors, collars, etc.

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PRICE QUOTES FOR FIXED QUANTITIES (continued)

Customer may contract through the Cooperative representative for quotes for fixed power levels at pre-specified fixed quantities. The Cooperative will solicit bids for power from neighboring suppliers that meet customer's schedule, quantities, and pricing structure. Upon agreement by customer a transaction fee of \$150 per contract will be applied to recover costs to initiate, administer, and bill for hedging services.

All power is delivered and titled to the Cooperative and may be directed to meet system emergencies should such a need arise. Reasonable advance notice will be made to Customer and a corresponding credit will be applied to Customer's bill in the event of such occurrences.

BILL AGGREGATION SERVICE

Customers will have the choice to aggregate the bills of multiple accounts under the RTP Program for the purposes of the application of the Incremental Energy Charge. Eligible customers will be limited to customers who become active participants in the RTP program who are legally or financially related to one another. The calculation of the aggregated Base Bill will be based on the application of the CBL on a non-aggregated basis for each individual account.

DURATION OF SERVICE AGREEMENT

Each service agreement will be served under RTP for a minimum of one (1) year.

SERVICE AGREEMENT TERMINATION

Written notice of sixty (60) days in advance must be provided by the customer for termination of the service agreement. Once terminated, readmission will not be allowed for a period of one (1) year. The CBL may be reassessed prior to readmission.

RULES AND REGULATIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

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Schedule: 04-PAL-SL-I

Replacing Schedule 01-PAL-SL-I Sheet 1
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PRIVATE AREA/STREET LIGHTING

AVAILABILITY

To any customer with existing or new pole(s) for lighting of outdoor areas on a dusk to dawn, photo-controlled, unmetered basis from the Cooperative existing distribution system.

NET MONTHLY RATE

For supply of controlled electricity, installation and maintenance of a light fixture(s), pole and lamp renewal as required.

See Unmetered Facilities Table.

Plus

(1) Customer will be responsible for any underground circuits or special wiring not included in the Unmetered Facilities Table.

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

SPECIAL TERMS AND CONDITIONS

A. The following terms and conditions are intended to apply generally and in the absence of any Kansas Corporation Commission approved contractual agreement between the customer and the Cooperative.

1. Standard fixtures available for installation hereunder shall be determined by the Cooperative on the basis of their quality, capital costs, maintenance costs, availability, customer acceptance and other factors. Fixtures furnished in providing this service will be assigned by reference to manufacturer's symbols in the customer's contract for leased lighting.

2. Lamps shall be controlled by a photoelectric controller providing dusk to dawn service.

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3. Maintenance of the Cooperative-owned lamp equipment and lamp renewals are performed during normal working hours within a reasonable period following notification by the customer of the need for such service. Glassware is cleaned only at the time of such maintenance. Permission is given Cooperative to enter the customer's premises at all reasonable times for the purpose of inspecting and maintaining its equipment.

4. The customer is responsible for all damages to, or loss of, the Cooperative's property located on his property unless occasioned by Cooperative negligence or by any cause beyond control of the customer.

5. It shall be the customer's responsibility to notify the Cooperative when the lighting system is not working on the customer's premises.

6. The customer will be assessed a special fee if he/she should request an existing fixture be replaced with a high-pressure sodium fixture of equivalent lumen output. This fee is to cover the unamortized cost of the existing fixture, and will be determined at the time of request.

7. The customer will provide the Cooperative, free of charge, the necessary permits, rights of way and excavations or paving cuts necessary for installation and operation of area lighting units.

8. The Cooperative will own, maintain and operate all controlled area lighting equipment and service facilities. Line extensions to serve the area light(s) must be made in accordance with the Cooperative's line extension policy currently on file with the Kansas Corporation Commission.

9. The Cooperative will attempt, circumstances permitting, to service and maintain the equipment within a reasonable length of time from the time the Cooperative is notified of a maintenance requirement. The Cooperative assumes no responsibility for patrolling such equipment to determine when maintenance is needed. However, it is the customer's responsibility to detect and report failures and malfunctions to the Cooperative and, when such failures are due to vandalism, mischief or a violation of traffic laws or other ordinances, to assist the Cooperative in identifying the responsible party.

10. The standard material calculated in the rate for steel street lighting is a thirty (30) foot direct buried pole. The Cooperative will offer larger size poles with or without a breakaway base at the additional cost to be paid by the customer.

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B. Special Systems: The Cooperative will provide underground wiring, ornamental poles and other special systems as costs are applicable. The Cooperative reserves the right to approve or disapprove any special system so requested.

C. Relocation of Fixtures: The Cooperative will relocate a Cooperative-owned street lighting pole or standard at the customer's expense if located on private R.W., if on Public R.W., the law of the State of Kansas will govern.

D. Upgrade of Existing Fixtures: The Cooperative shall, upon the request of the customer, upgrade existing street lighting units to provide higher levels of illumination under the following conditions:

1. The existing units must have been in place five (5) or more years.
2. The Cooperative shall replace at the specified option under the rate table for existing Cooperative-owned luminaries and brackets with similar equipment providing higher lumen ratings. The appropriate rates for the fixtures with higher illumination will apply.

E. Disconnection: When a customer requests that a street lighting unit be disconnected before five (5) years have elapsed since the date of installation, the Cooperative may require the customer to reimburse the Cooperative for the life of the value of the street lighting facilities removed plus the cost of removal less the salvage value thereof.

SPECIAL PROVISIONS

A. Residential Subdivision Street Lighting

The Cooperative will furnish, erect, operate and maintain all necessary equipment in accordance with its standard specifications. It is the responsibility of Home Builder's Association or unincorporated communities to pay monthly charges as per terms and conditions of the contract.

In the event when Home Builder's Association, unincorporated communities or any other residential associations or governing group dissolve, the customers related to those lighting areas shall equally share the monthly charges as established as per terms and conditions of the contract.

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B. Cities, Municipalities and Governmental Agencies

This Part B does not apply to individual homeowners, Home Builder's Associations or any unincorporated agencies.

If due to any reasons cities, municipalities and governmental agencies decide to install Private Area/Street Lighting to meet their specifications and necessities, a special contract with the new rate will be issued by the Cooperative as dictated by franchise or special agreements. This shall at least cover the cost necessary to provide energy and maintenance of the Private Area/Street Lighting.

TERMINATING NOTICE

All service under this rate shall require a written notice ninety (90) or more days prior to termination by either party. If service is terminated, per customer request, before the two (2) year contract period elapses, the customer must pay the prorated balance of the contract amount. All or part of the payment requirement may be waived by the Cooperative if a successor, in effect, assumes payment responsibility for the predecessor's remaining contractual obligation by continuing Private Area/Street Lighting under Private Area/Street Lighting schedule PAL-SL-I.

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission and to the terms and conditions and applicable standard contract riders included in this electric rate schedule.

DELAYED PAYMENT

As per Schedule DPC.

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MONTHLY RATE – UNMETERED FACILITIES TABLE

INVESTMENT OPTIONS

Style/Lamp	Lumens	Monthly kWh	INVESTMENT OPTIONS				
			A Cust-0% Coop.-100%	B* Cust-25% Coop.-75%	C* Cust-50% Coop.-50%	D* Cust-75% Coop.-25%	E Cust-100% Coop.-0%
PRIVATE AREA LIGHT							
<u>On Existing Pole</u>							
100W P.A.L.	7,920	40	\$8.10	-	-	-	\$3.11
150W P.A.L.	13,500	60	\$12.86	-	-	-	\$4.39
200W P.A.L.	22,000	80	\$14.49	-	-	-	\$5.47
<u>On New Pole (Wood)</u>							
100W P.A.L.	7,920	40	\$13.46	-	-	-	\$3.46
150W P.A.L.	13,500	60	\$14.98	-	-	-	\$4.52
200W P.A.L.	22,000	80	\$16.10	-	-	-	\$5.57
FLOOD LIGHTS							
<u>On Existing Pole</u>							
150W Flood	13,500	60	\$15.22	-	-	-	\$4.54
400W Flood	45,000	160	\$27.99	-	-	-	\$10.26
1000W Flood M.H.	110,000	402	\$41.46	-	-	-	\$24.25
<u>On New Pole (Wood)</u>							
150W Flood	13,500	60	\$17.17	-	-	-	\$4.68
400W Flood	45,000	160	\$29.92	-	-	-	\$10.39
1000W Flood M.H.	110,000	402	\$56.15	-	-	-	\$23.40
STREET LIGHT							
<u>On Existing Pole</u>							
100W P.A.L. Fixture	7,920	40	\$8.98	-	-	-	\$3.18
150W P.A.L. Fixture	13,500	60	\$10.60	-	-	-	\$4.23
200W P.A.L. Fixture	22,000	80	\$13.05	-	-	-	\$5.37
<u>On New Pole (Wood)</u>							
100W P.A.L. Fixture	7,920	40	\$13.46	-	-	-	\$3.46
150W P.A.L. Fixture	13,500	60	\$14.98	-	-	-	\$4.52
200W P.A.L. Fixture	22,000	80	\$16.10	-	-	-	\$5.57
STREET LIGHT							
<u>On Existing Pole</u>							
100W Cobra Head	7,920	40	\$8.98	-	-	-	\$3.18
150W Cobra Head	13,500	60	\$10.60	-	-	-	\$4.23
200W Cobra Head	22,000	80	\$13.05	-	-	-	\$5.37
250W Cobra Head	27,000	100	\$14.34	-	-	-	\$6.44
400W Cobra Head	45,000	160	\$17.52	-	-	-	\$9.56
<u>On New Pole (Wood)</u>							
100W Cobra Head	7,920	40	\$15.73	-	-	-	\$3.61
150W Cobra Head	13,500	60	\$16.94	-	-	-	\$4.67
200W Cobra Head	22,000	80	\$17.76	-	-	-	\$5.69
250W Cobra Head	27,000	100	\$19.76	-	-	-	\$7.11
400W Cobra Head	45,000	160	\$22.94	-	-	-	\$10.22
<u>On New Pole (Steel)</u>							
100W Cobra Head	7,920	40	\$24.51	-	-	-	\$4.21
150W Cobra Head	13,500	60	\$25.71	-	-	-	\$5.24
200W Cobra Head	22,000	80	\$27.18	-	-	-	\$6.31
250W Cobra Head	27,000	100	\$30.34	-	-	-	\$7.50
400W Cobra Head	45,000	160	\$33.49	-	-	-	\$10.61

* Investment Options B, C, and D are not available to new customers after 07/01/2001.

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SECURITY (DECORATIVE) LIGHTING SERVICE

AVAILABILITY

Available to individuals, municipalities or other governmental subdivisions, school districts, unincorporated communities and for lighting county streets, major highways and public grounds at secondary voltages.

Available for area lighting using street light equipment installed in accordance with the Cooperative street lighting standards, at the voltage and current of Cooperative's established distribution system for such service, for use in lighting private areas and grounds, for protective, safety and decorative purposes.

NET MONTHLY BILL

For supply of controlled electricity, installation and maintenance of a light fixture, pole and lamp renewal as required.

See Unmetered Facilities Table.

(1) Customer will be responsible for any underground circuits or special wiring not included in the Unmetered Facilities Table.

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

SPECIAL TERMS AND CONDITIONS

A. The following provisions are intended to apply generally and in the absence of any Kansas Corporation Commission approved contractual agreement between the customer and the Cooperative.

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1. Standard fixtures available for installation hereunder shall be determined by the Cooperative on the basis of their quality, capital costs, maintenance costs, availability, customer acceptance and other factors. Fixtures furnished in providing this service will be assigned by reference to manufacturer's symbols in the customer's contract for leased lighting.
2. Lamps shall be controlled by a photo-electric controller providing dusk to dawn service.
3. Maintenance of Cooperative-owned lamp equipment and lamp renewals are performed during normal working hours within a reasonable period following notification by the customer of the need for such service. Glassware is cleaned only at the time of such maintenance. Permission is given the Cooperative to enter the customer's premises at all reasonable times for the purpose of inspecting and maintaining its equipment.
4. Trenching of soft soil which extends beyond one hundred seventy-five (175) feet is subject to extra costs. Trenching cost of hard soil will be determined on an individual basis.
5. The customer is responsible for all damages to, or loss of, the Cooperative property located on his property unless occasioned by Cooperative negligence or by any cause beyond control of the customer.
6. It shall be the customer's responsibility to notify the Cooperative when the lighting system is not working on the customer's premises.
7. The customer will provide the Cooperative, free of charge, the necessary permits, rights of way and excavations or paving cuts necessary for installation and operation of area lighting units.
8. The Cooperative will own, maintain and operate all controlled area lighting equipment and service facilities. Line extensions to serve the area light(s) must be made in accordance with Cooperative's line extension policy currently on file with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-DOL-I

Replacing Schedule 01-DOL-I Sheet 3
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 3 of 6 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

9. The Cooperative will attempt, circumstances permitting, to service and maintain the equipment within a reasonable length of time from the time the Cooperative is notified of a maintenance requirement. The Cooperative assumes no responsibility for patrolling such equipment to determine when maintenance is needed. However, it is the customer's responsibility to detect and report failures and malfunctions to the Cooperative and, when such failures are due to vandalism, mischief or a violation of traffic laws or other ordinances, to assist the Cooperative in identifying the responsible party.

B. Special Systems: The Cooperative will provide underground wiring, ornamental poles and other special systems as costs are applicable. The Cooperative reserves the right to approve or disapprove any special system so requested.

C. Relocation of Fixtures: The Cooperative will relocate a Cooperative-owned street lighting pole or standard at the customer's expense if located on private R.W., if on Public R.W., the law of the State of Kansas will govern.

D. Upgrade of Existing Fixtures: The Cooperative shall, upon the request of the customer, upgrade existing street lighting units to provide higher levels of illumination under the following conditions:

1. The existing units must have been in place five (5) or more years.

2. The Cooperative shall replace at the specified option under the rate table for existing Cooperative-owned luminaries and brackets with similar equipment providing higher lumen ratings. The appropriate rates for the fixtures with higher illumination will apply.

E. Disconnection: When a customer requests that a street lighting unit be disconnected before five (5) years have elapsed since the date of installation, the Cooperative may require the customer to reimburse for the life of the value of the street lighting facilities removed plus the cost of removal less the salvage value thereof.

Issued _____
Month Day Year

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Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-DOL-I

Replacing Schedule 01-DOL-I Sheet 4
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 4 of 6 Sheets

SPECIAL PROVISIONS

A. Residential Subdivision Street Lighting

The Cooperative will furnish, erect, operate and maintain all necessary equipment in accordance with its standard specifications. It is the responsibility of Home Builder's Association or unincorporated communities to pay monthly charges as per terms and conditions of the contract.

In the event when Home Builder's Association, unincorporated communities or any other residential associations or governing group dissolve, the customers related to those lighting areas shall equally share the monthly charges as established as per terms and conditions of the contract.

B. Cities, Municipalities and Governmental Agencies

This Part B does not apply to individual home owners, Home Builder's Associations or any unincorporated agencies.

If due to any reasons cities, municipalities and governmental agencies decide to install Security (Decorative) Lighting Service to meet their specifications and necessities, a special contract with the new rate will be issued by the Cooperative as dictated by franchise or special agreements. This shall at least cover the cost necessary to provide energy and maintenance of the Security (Decorative) Lighting Service.

TERMINATING NOTICE

All service under this rate shall require a written notice ninety (90) or more days prior to termination by either party. If service is terminated, per customer request, before the two (2) year contract period elapses, the customer must pay the prorated balance of the contract amount. All or part of the payment requirement may be waived by the Cooperative if a successor, in effect, assumes payment responsibility for the predecessor's remaining contractual obligation by continuing Security (Decorative) Lighting under Security (Decorative) Lighting Service schedule DOL-I.

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THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 13

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-DOL-I

Replacing Schedule 01-DOL-I Sheet 5
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 5 of 6 Sheets

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission and to the terms and conditions and applicable standard contract riders included in this electric rate schedule.

DELAYED PAYMENT

As per Schedule DPC.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

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Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 04-DOL-I

Replacing Schedule 01-DOL-I Sheet 6
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 6 of 6 Sheets

MONTHLY RATE – UNMETERED FACILITIES TABLE
INVESTMENT OPTIONS

Style/Lamp	Lumens	Monthly kWh	INVESTMENT OPTIONS				
			<u>A</u> Cust-0% Coop.-100%	<u>B*</u> Cust-25% Coop.-75%	<u>C*</u> Cust-50% Coop.-50%	<u>D*</u> Cust-75% Coop.-25%	<u>E</u> Cust-100% Coop.-0%
ACORN -----							
35W HPS	2,025	14	\$18.40	-	-	-	\$2.69
100W HPS	7,920	40	\$26.91	-	-	-	\$4.58
250W HPS	27,000	100	\$31.44	-	-	-	\$7.81
SINGLE GLOBE -----							
35W HPS	2,205	14	\$14.22	-	-	-	\$2.41
70W HPS	5,670	28	\$23.41	-	-	-	\$3.73
100W HPS	7,920	40	\$24.26	-	-	-	\$4.40
150W HPS	13,500	60	\$25.48	-	-	-	\$5.45
MULT GLOBE -----							
70W HPS (5)	28,350	140	\$61.98	-	-	-	\$12.56
100W HPS (5)	39,600	200	\$66.13	-	-	-	\$15.79
150W HPS (5)	67,500	300	\$72.35	-	-	-	\$21.10
LANTERN -----							
35W HPS	2,025	14	\$16.60	-	-	-	\$2.58
100W HPS	7,920	40	\$29.06	-	-	-	\$4.71
250W HPS	27,000	100	\$33.36	-	-	-	\$7.94
SHOEBOX -----							
100W HPS	7,920	40	\$33.95	-	-	-	\$5.03
250W HPS	27,000	100	\$38.11	-	-	-	\$8.26
400W HPS	45,000	160	\$41.87	-	-	-	\$11.63
800W HPS	90,000	320	\$58.09	-	-	-	\$20.88

* Investment Options B, C, and D are not available to new customers after 07/01/2001.

Issued _____
 Month Day Year

Effective Upon Commission Approval
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MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 04-PAL-I

Replacing Schedule 01-PAL-I Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

Sheet 1 of 3 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

**CONTROLLED PRIVATE AREA LIGHTING
 (FROZEN)**

AVAILABILITY

To any customer for lighting of outdoor areas on a dusk to dawn, photo-controlled, unmetered basis from Cooperative's existing distribution system.

No additional lamps will be installed under this schedule after the effective date of September 26, 1994.

NET MONTHLY BILL

For supply of controlled electricity, installation and maintenance of mercury vapor light fixture with a four (4) foot bracket on an existing wood distribution pole and for lamp renewal as required for:

<u>Nominal Watt Rating</u>		<u>Monthly kWh</u>		<u>Mercury Vapor</u>		<u>High Pressure Sodium</u>	
<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>
175	100	63	40	\$ 9.06	\$108.72	\$ 8.22	\$ 98.64
400	200	151	80	\$17.47	\$209.64	\$14.62	\$175.44
400 (Flood)	150	151	60	\$19.04	\$228.48	\$15.31	\$183.72
1000 (Flood)	400	355	160	\$36.15	\$433.92	\$27.99	\$335.88

Plus

- 1) For each additional standard distribution pole, not longer than thirty-five (35) feet, required for such area lighting supply is \$1.42 per month.
- 2) For each one hundred (100) feet of overhead secondary circuit required is \$.53 per month.
- 3) Steel standards with maximum mounting height of thirty (30) feet and of the same type as used in street lighting will be furnished upon request provided the customer will be responsible for the placement of the concrete base and anchor bolts at the time of the installation and also for their removal upon termination of the leased lighting agreement. Monthly rental charge for each standard is \$6.73.
- 4) Customer will be responsible for any underground circuits or special wiring.

Issued _____
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MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-PAL-1

Replacing Schedule 01-PAL-1 Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 3 Sheets

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

SPECIAL PROVISIONS

Contracts hereunder are subject to the following special provisions:

1. Standard fixtures available for installation hereunder shall be determined by the Cooperative on the basis of their quality, capital costs, maintenance costs, availability, customer acceptance and such factors. Fixtures furnished in providing this service will be assigned by reference to manufacturer's symbols in the customer's contract for leased lighting.
2. Lamps shall be controlled by a photo-electric controller providing dusk to dawn service.
3. Maintenance of Cooperative-owned lamp equipment and lamp renewals are performed during normal working hours within a reasonable period following notification by the customer of the need for such service, glassware is cleaned only at the time of such maintenance. Permission is given the Cooperative to enter the customer's premises at all reasonable times for the purpose of inspecting and maintaining its equipment.
4. The customer is responsible for all damages to, or loss of, Cooperative property located on his property unless occasioned by Cooperative negligence or by any cause beyond control of the customer.
5. The customer will be assessed a special fee if he/she should request an existing fixture be replaced with a high pressure sodium fixture of equivalent lumen output. This fee is to cover the unamortized cost of the existing fixture, and will be determined at the time of request.

TERM OF CONTRACT

An initial term of three (3) years and for repeating period of one (1) year thereafter until terminated by ninety (90) or more days prior written notice given by either part to the other.

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By _____
Signature Title

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MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-PAL-I

Replacing Schedule 01-PAL-I Sheet 3
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 3 of 3 Sheets

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission and to the terms and conditions and applicable standard contract riders included in this electric rate schedule.

DELAYED PAYMENT

As per Schedule DPC.

Issued _____
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Effective Upon Commission Approval
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MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 04-OSL-V-I

Replacing Schedule 01-OSL-V-I Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

Sheet 1 of 3 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

VAPOR STREET LIGHTING SYSTEM
ORNAMENTAL SYSTEM
 (FROZEN)

AVAILABILITY

This schedule is available to cities contracting for the operation of an ornamental street-lighting system, which system shall be owned, operated and maintained by the Cooperative.

No additional lamps will be installed under this schedule after the effective date of September 26, 1994.

NET MONTHLY BILL

For supply of controlled electricity, installation and maintenance of mercury vapor light fixture with a four (4) foot bracket on an existing wood distribution pole and for lamp renewal as required for:

<u>Nominal Watt Rating</u>		<u>Monthly kWh</u>		<u>Mercury Vapor</u>		<u>High Pressure Sodium</u>	
<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>
175	100	63	40	\$ 9.94	\$119.28	\$ 8.98	\$127.20
250	150	95	60	\$12.28	\$192.36	\$10.60	\$156.60
400	200	151	80	\$16.63	\$107.76	\$13.65	\$119.28

Lamps will normally be controlled by a photo-cell operating lamp from dusk to dawn (approximately 4,000 hours per year). The above rates are to be billed in twelve (12) equal monthly installments based upon lamp size indicated. Lamps shall be enclosed in fixtures designated by the Cooperative and supported upon wood poles with up to six (6) foot mast arms. Mounting heights will be at levels recommended by unit manufacturer for proper light distribution.

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

Issued _____
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Effective Upon Commission Approval
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MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-OSL-V-I

Replacing Schedule 01-OSL-V-I Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 3 Sheets

SPECIAL TERMS AND CONDITIONS

(a) Service under this schedule is for lighting trafficways where the distance between units does not exceed one hundred seventy-five (175) feet and residential areas where spacing does not exceed three hundred (300) feet.

(b) Where lighting fixtures are to be mounted on ornamental metal poles, the annual charge shall be increased:

- \$18.96 per standard for mounting under 20 feet.
- \$28.56 per standard for mounting height over 20 feet but under 30 feet.
- \$36.24 per standard for mounting height over 30 feet.

(c) Where lighting fixture are to be mounted on standard mast arms over six (6) foot in length, the annual charge shall be increased \$11.64 per light fixture.

(d) Where lighting standards are located in lighted areas that regulation requires break away bases, the annual charge shall be increased \$20.04.

(e) Underground conductor for street lighting system shall be used only where required by the governing body and at the following schedule of added annual charges:

1. Extensions up to one hundred seventy-five (175) feet where no concrete or hard surface road material has to be cut to accommodate the underground circuit \$34.08 per lighting standard.
2. Extensions up to one hundred seventy-five (175) feet where concrete or hard surface material has to be cut and replaced to accommodate the underground circuit \$66.24 per lighting standard.

(f) Existing bridge or viaduct lighting which is in or contiguous to the district to be lighted under contract shall be served at the same annual rate except where the standard and luminaire are not furnished by the Cooperative, the annual charge shall be reduced \$23.88 per standard. The Cooperative will not maintain that portion of the system owned by the customer but will renew bulbs or glassware when burned out or broken.

(g) Where two (2) luminaires are supported from the same standard, the charge above stated shall be reduced \$3.01 for each lamp on such standard.

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MID-KANSAS ELECTRIC COMPANY, LLC
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Schedule: 04-OSL-V-I

Replacing Schedule 01-OSL-V-I Sheet 3
Which was filed March 18, 2005

WESTERN DIVISION
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Sheet 3 of 3 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

(h) The City may extend a system under contract to take in additional trafficways so long as such extensions are contiguous to existing installations and provided that such extensions meet the requirements under paragraph (a).

(i) The City will be assessed a special fee should they request an existing fixture be replaced with a high pressure sodium fixture of equivalent lumen output. This fee is to cover the unamortized cost of the existing fixture and will be determined at the time of request.

MINIMUM MONTHLY CHARGE

The minimum number and size of street lights shall not be less than specified in the agreement for street lighting service.

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

DELAYED PAYMENT

As per Schedule DPC.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-STR

Replacing Schedule 01-STR Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 1 of 3 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

SUB-TRANSMISSION & TRANSMISSION LEVEL ELECTRIC SERVICE 34.5 kV

AVAILABLE

Entire Service Area.

APPLICABLE

For all electric service of a single character supplied at one (1) point of delivery at a voltage of 34.5 kilovolts or above, and who have the necessary interval metering installed. At a minimum customers requesting service under the sub-transmission level service shall have an average summer demand of at least five hundred (500) kW and an average summer demand of one thousand (1,000) kW for transmission level customers. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; at any one standard voltage required by Customer as described in Cooperative's Standards for Electric Service.

MONTHLY RATE

Service at 34.5 kilovolts

The monthly rate hereunder shall be the Wholesale Cost of Power, as billed by the Cooperative's Wholesale Power Provider plus the following charges:

1. DELIVERY ENERGY CHARGE:
 - a. All kWh @ \$0.0017 per kWh
2. DELIVERY FACILITIES CHARGE: As provided for in the Customer's Electric Service Agreement.
3. LOCAL ACCESS CHARGE @ \$1.41 per kW

Service at 115 kilovolts

The monthly rate hereunder shall be the Wholesale Cost of Power, as billed by the Cooperative's Wholesale Power Provider plus the following charges:

1. DELIVERY ENERGY CHARGE:
 - a. All kWh @ \$0.0017 per kWh
2. DELIVERY FACILITIES CHARGE: As provided for in the Customer's Electric Service Agreement.

Issued _____
Month Day Year

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Month Day Year

By _____
Signature Title

04-AQLE-1065-RTS
 Approved
 Kansas Corporation Commission
 March 30, 2005
 /S/ Susan K. Duffy

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 04-STR

(Name of Issuing Utility)

Replacing Schedule 01-STR Sheet 2

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 3 Sheets

ENERGY COST ADJUSTMENT (ECA)

The Energy Cost Adjustment for purposes of this tariff shall be the ECA component of the Wholesale Cost of Power described above.

MINIMUM BILL

1. The minimum bill shall be based on a demand specified by Cooperative.
2. Where it is necessary to make an unusual extension, reinforce delivery system lines, upgrade or replace existing substations or if in the judgment of Cooperative the revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, Cooperative may require an adequate minimum bill and establish a contract billing demand to be used in the determination of demand charges, calculated upon reasonable considerations before undertaking to supply the service. In such cases, the customer shall enter into a service agreement with Cooperative as to the character, amount and duration of the business offered.

BILLING DEMAND

The billing demand established for a customer shall be the Customer's kilowatt load coincident with the wholesale power supplier's peak for billing purposes.

POWER FACTOR

The average power factor, expressed to the nearest percent, shall be determined by metering designed to prevent reverse registration. Eight-five percent (85%) lagging shall be considered the baseline power factor. If the average power factor is determined to be below eighty-five percent (85%) for any given month, an additional charge of \$0.03 per kilowatt of measured demand for every whole percent less than eighty-five percent (85%) will be added to the monthly bill. If the average power factor is determined to be between eight-five percent (85%) and one hundred percent (100%) for any month a credit of \$0.03 per kilowatt of measured demand for every whole percent above eighty-five percent (85%) will be added to the monthly bill.

DELAYED PAYMENT

As per Schedule DPC.

SERVICE TERM

Not less than one (1) year, or such term as may be specified for a line extension, in accordance with the Agreement for Electric Service ("Service Agreement").

Issued _____
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Effective Upon Commission Approval
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By _____
Signature Title

04-AQLE-1065-RTS
 Approved
 Kansas Corporation Commission
 March 30, 2005
 /S/ Susan K. Duffy

THE STATE CORPORATION COMMISSION OF KANSAS

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MID-KANSAS ELECTRIC COMPANY, LLC

(Name of Issuing Utility)

Schedule: 04-STR

Replacing Schedule 01-STR Sheet 3

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 3 of 3 Sheets

TERMS AND CONDITIONS

The rights and obligations of Cooperative and Customer shall be governed by the Service Agreement. In the event that any provision, term or condition of the Service Agreement is in conflict with or otherwise differs from any provision of the Service Schedules or the General Terms and Conditions for Service or Cooperative's Pricing Schedules, the provision, term or condition of the Service Agreement shall prevail.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
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04-AQLE-1065-RTS
Approved
Kansas Corporation Commission
March 30, 2005
/S/ Susan K. Duffy

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-M-I

Replacing Schedule 01-M-I Sheet 1
Which was filed March 18, 2005

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(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

MUNICIPAL SERVICE

CHARACTER OF SERVICE

115 volts (or 115/230 volt), single phase, 60 cycle, alternating current.

AVAILABILITY

This schedule is available for the use of the municipality only, for all lighting purposes in city buildings, shelter houses, shops, traffic lights and so forth operated by the municipality but not including street lighting.

Sports field may be lighted under this schedule but the Cooperative will not be required to furnish transformers for sports field lighting.

NET MONTHLY BILL

Customer Charge

\$10.06 per meter per month

Winter
Bills November 1
to June 30 inclusive

Summer
Bills July 1 to
October 31 inclusive

Delivery Charge

All kWh per month

\$0.08327 per kWh

\$0.09127 per kWh

Minimum

The minimum bill shall be the Customer Charge.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

TERM OF PAYMENT

As per Schedule DPC.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
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Schedule: 04-WP

Replacing Schedule 01-WP Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

WATER PUMPING SERVICE

AVAILABILITY

This schedule is available for municipal water pumping service.

NET MONTHLY BILL

Customer Charge

\$16.21 per meter per month

Delivery Charge

\$0.08780 per kWh for kWh on bills dated November 1 to June 30, inclusive.
\$0.09580 per kWh for kWh on bills dated July 1 to October 31, inclusive.

Minimum

The minimum shall be the Customer Charge.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

TERMS OF PAYMENT

As per Schedule DPC.

PRIMARY DISCOUNT

At the option of the customer there will be a discount of 2% on all monthly bills, excluding the Energy Cost Adjustment Clause, provided service is rendered and metered at primary voltage and the customer furnishes and maintains all necessary transformation beyond the point of metering.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 04-IP-I

Replacing Schedule 01-IP-I Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

IRRIGATION SERVICE

AVAILABILITY

This schedule is available for irrigation power only. Service under this schedule shall be under contract for an initial period of five years and from year to year thereafter.

CHARACTER OF SERVICE

Alternating current, 60 cycle, 230 volt, 3 phase. Where only single phase service is available, motors of less than ten (10) horsepower may be connected if in the judgment of the Cooperative such service can be rendered without unduly affecting existing service. Not more than one (1) irrigation connection shall be made on any single phase extension.

NET MONTHLY BILL

Demand Charge

Per horsepower contracted per year (nameplate rating) \$34.00

plus

Delivery Charge

For all bills dated November 1 through June 30 inclusive, per kWh \$0.07234

For all bills dated July 1 through October 31 inclusive, per kWh \$0.08034

MINIMUM CHARGE

\$34.00 per horsepower contracted per year, which is the Demand charge, plus extension charge, if any. (Minimum charge does not include the delivery charge).

CONTRACT MINIMUM

Ten (10) horsepower

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 Month Day Year

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(Name of Issuing Utility)

Schedule: 04-IP

Replacing Schedule 01-IP-1 Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

EXTENSION POLICY

Where the cost of extending service to the irrigation customer exceeds \$50.00 per horsepower contracted, the customer will pay in addition to the "minimum charge" set forth above an additional annual minimum charge equal to twenty-one percent (21%) per year of the added investment in such facilities.

PAYMENT

Minimum charges shall be payable
- 50% April 1
- 25% May 1
- 25% June 1

DELAYED PAYMENT

As per Schedule DPC.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
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(Name of Issuing Utility)

Schedule: 04-CS

Replacing Schedule 01-CS-9 Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

TEMPORARY SERVICE

AVAILABILITY

This schedule is available for fairs, carnivals, picnics, and other purposes where service is required for temporary service.

NET MONTHLY BILL

Delivery Charge

\$0.17936 per kWh used, plus an amount equal to all the costs of installing and removing equipment to render service.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

CONNECTION CHARGE

Where the Cooperative deems it advisable the customer will advance the amount of estimated costs of installing and removing said equipment plus the estimated cost of current which will be consumed. Any amount advanced over and above the estimated cost will be refunded to the customer and the customer will pay any amount that may be deficient.

TERMS OF PAYMENT

As per Schedule DPC.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 09-ECA

(Name of Issuing Utility)

Replacing Schedule 04-ECA Sheet 1

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE 09-ECA
ENERGY COST ADJUSTMENT

APPLICABLE

Applicable per the provisions of the Cooperative's electric rate schedules.

COMPUTATION FORMULA

The rates for energy to which this adjustment is applicable will be increased or decreased by 0.001¢ per kilowatt-hour (kWh) for each 0.001¢ (or major fraction thereof) increase or decrease in the aggregate cost of energy per kWh as computed by the following formula:

$$\frac{C}{S} - B = \text{Adjustment}$$

Where:

C = The actual cost of purchased power and energy for rates subject to the Energy Cost Adjustment, Account No. 555, for the latest month for which data is available.

S = Actual sales in kWh for the same month for rates subject to the Energy Cost Adjustment.

B = Actual energy costs (purchased power and energy) in ¢/kWh sold for rates subject to the Power Cost Adjustment during the base period. This base is 7.181¢/kWh sold, as established during the base period of January 1 through December 31, 2009.

FREQUENCY OF COMPUTATION

This adjustment amount will be computed once each month.

SETTLEMENT PROVISION

Subsequent to the effective date of this clause, the Cooperative will maintain a continuing monthly comparison of the actual increased (decreased) cost of purchased energy as shown on the books and records of the Cooperative and the increased (decreased) dollar cost of purchased power recovered from customers.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 09-ECA

Replacing Schedule 04-ECA Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

For each twelve-month billing period ending at the close of December, the cumulative difference of the monthly comparisons for the twelve-month billing period under consideration will be added to the "actual cost remainder" described below to produce a cumulative balance. The "settlement factor" will then be calculated by dividing the cumulative balance as of that date by the total number of kWh deliveries during the twelve-month period ending on that date. This amount will be rounded to the nearest 0.001¢/kWh to determine the increase or decrease which should be made to the energy cost adjustment. This "settlement factor" will remain in effect until superseded by a subsequent "settlement factor" calculated according to this provision.

The amounts collected or returned under this "settlement factor" for each twelve-month period will be compared with the cumulative balance, as described above. Any resulting overage or underage, which will be known as the "actual cost remainder," will be applied to the next subsequent twelve-month cumulative balance for the purpose of calculating the next subsequent "settlement factor."

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-PGS

Replacing Schedule 01-PGS Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

PARALLEL GENERATION SERVICE

AVAILABLE

Electric service is available under this schedule at points on the Cooperative's distribution system.

APPLICABLE

To Residential or General Service customers who contract for service supplied at one (1) point of delivery where part of all of the electrical requirements, as defined in the Definitions and Conditions section, of the customer can be supplied from customer owned generation sources, and where such sources are connected for parallel operation of the customer's system with the Cooperative's system. Customer sources may include but are not limited to windmills, water wheels, solar conversion and geothermal devices.

Prior to commencement of service, a contract for service shall be entered into, specifying the maximum kW load the Cooperative is to supply and setting out the type and size of electric generating facilities, the type of protective relay equipment, and other technical and safety aspects of parallel operation.

The schedule is not applicable to resale or redistribution of electric service.

CHARACTER OF SERVICE

Service shall be alternating current 60 cycles, at the voltage and phase of the Cooperative's existing distribution system having capacity of receiving the customer's excess power.

NET MONTH BILL

Rate

1. For capacity and energy supplied by the Cooperative to Customer, the Cooperative's rate schedules and terms and conditions normally applicable to the customer absent parallel generation shall apply.
2. For capacity and energy supplied by Customer to the Cooperative, the Cooperative shall pay:

One hundred percent (100%) of the average system cost of power^a per kWh multiplied by the kWh supplied by the Customer

^a This calculation shall be based on the monthly cost formula included in the Energy Cost Adjustment clause.

Minimum Bill

The minimum bill shall be the same as in the tariff under which service is received.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-PGS

Replacing Schedule 01-PGS Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 2 of 2 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

DEFINITIONS AND CONDITIONS

1. The Cooperative will supply, own and maintain all necessary meters and associated equipment utilized for billing. In addition, and for purposes of monitoring customer generation and load, Cooperative may install at its expense, load research metering. The customer shall supply, at no expense to the Cooperative, a suitable location for meters and associated equipment used for billing and for load research.
2. The Cooperative shall have the right to require the customer, at certain times and as electrical operating conditions warrant, to limit the production of electrical energy from the generating facility to an amount no greater than the load at the customer's facility of which the generating facility is a part.
3. The Cooperative will install, own and maintain a disconnecting device located near the electric meter or meters. Interconnection facilities shall be accessible at all times to Cooperative personnel.
4. The customer shall furnish, install, operate and maintain in good order and repair, and without cost to the Cooperative, such relays, locks and seals, breakers, automatic synchronizer, and other control and protective apparatus as shall be designated by the Cooperative as being required as suitable for the operation of the generator in parallel with the Cooperative's system.
5. The customer shall be required to reimburse the Cooperative for any equipment or facilities required as a result of the installation by the customer of generation in parallel with the Cooperative service.
6. The customer shall notify the Cooperative prior to the initial energizing and start-up testing of the customer-owned generator, and the Cooperative shall have the right to have a representative present at said test.
7. The customer's equipment shall not produce electrical energy with a third harmonic content greater than ten percent (10%) nor a fifth harmonic content greater than five percent (5%) or cause measurable interference with neighboring customers.
8. This schedule is available to residential customers providing electric energy and capacity to the Cooperative from small power production facilities with a design capacity of twenty-five (25) kilowatts (kW) or less, where part or all of the electrical requirements of the customer can be supplied from such customer-owned capacity; and is available to non-residential customers providing electric energy and capacity to Cooperative from small power production facilities with a design capacity of one hundred (100) kW or less, where part or all of the electrical requirements of the customer can be supplied from such customer-owned capacity.
9. Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.
10. All provisions of this rate schedule are subject to changes made by order of the regulatory authority having jurisdiction.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 09-LAC

Original Schedule _____ Sheet 1

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

LOCAL ACCESS DELIVERY SERVICE

AVAILABLE

Entire Service Area.

APPLICABLE

For delivery to wholesale (sales for resale) customers over MKEC's 34.5 kV (or other available lower primary voltage) subtransmission/distribution system.

CHARACTER OF SERVICE

Alternating current, 60 cycle, three phase, 34.5 kV or other available lower primary voltage.

MONTHLY RATE

Demand Charge @ \$1.41 per kW.

MONTHLY BILLING DEMAND

Monthly Billing Demand shall be defined as the Customer's demand as measured at the low side of the delivery point substation.

LOSSES

Real Power Losses are associated with all Local Access Delivery service. The Local Access Delivery customer is responsible for replacing losses associated with all transmission service as calculated by MKEC or paying MKEC for the Real Power Losses at MKEC's wholesale rate. The applicable Real Power Loss factor for the entire service area is as follows:

LOSS FACTORS

Demand	
Annual	2.47 percent of annual demand as measured at delivery point.
Monthly	2.08 percent of monthly demand as measured at delivery point.
Energy	1.39 percent of energy as measured at delivery point.

DELAYED PAYMENT

As per schedule DPC.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 24

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 09-LAC

(Name of Issuing Utility)

Original Schedule _____ Sheet 2

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
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Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

**Exhibit __ (RJM-WE-9) - Present
Rate Schedules with Redline
Proposed Changes**

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. _____

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule:

WESTERN DIVISION

Replacing Schedule _____ Sheet
Which was filed

(Territory to which schedule is applicable)
No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet of Sheets

Copies of the official tariff sheets are available at offices providing service under the tariffs, and at the governing state or national commission offices. The information available here attempts to be materially the same, but should there be any discrepancies, in all cases the official tariffs on file with the governing commission will hold over these documents.

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Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 1

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: General Rate Index

WESTERN DIVISION

Replacing Schedule General Rate Index Sheet 1
 Which was filed April 1, 2007

(Territory to which schedule is applicable)
 No supplement or separate understanding
 shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

GENERAL RATE INDEX

<u>DESCRIPTION</u>	<u>SCHEDULE</u>	<u>INDEX NO.</u>
General Rate Index	General Rate Index	1
Residential	0411-RS	2
Held For Future Use	N/A	3
General Service-Small	0411-GSS	4
General Service-Large	0411-GSL	5
General Service-Space Heating	04-Rider No. 1	6
Industrial Service	0411-IS	7
Industrial Service, Interruptible	0411-INT	8
Real-Time Price Program	04-RTP	10
Private Area/Street Lighting	0411-PAL-SL-I	12
Decorative Security Lighting	0411-DOL-I	13
Private Area Lighting (Frozen)	0411-PAL-I	14
Street Lighting, Ornamental Vapor (Frozen)	0411-OSL-V-I	16
Sub-Transmission and Transmission Service	0411-STR	17
Municipal Service	04-M-I	18
Water Pumping, Municipal	0411-WP	19
Irigation Service	0411-IP-I	20
Temporary Service	0411-CS-9	21
Energy Cost Adjustment	0411-ECA	22
Parallel Generation Service	04114-PGS	23
Local Access Delivery Service	0911-LAC	24

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Effective Upon Commission Approval
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By _____
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THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 1

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: General Rate Index

WESTERN DIVISION

Replacing Schedule General Rate Index Sheet 2
 Which was filed March 18, 2005

(Territory to which schedule is applicable)
 No supplement or separate understanding
 shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

GENERAL RATE INDEX
CANCELLED SCHEDULES

<u>DESCRIPTION</u>	<u>SCHEDULE</u>	<u>CANCELLED</u>
Street Lighting Service – Ornamental System	92-OSL-25	August 1, 2001
Sports Field Lighting	01-SFL-I	January 7, 2002
Green Power	01-GP	January 2002
Street Lighting (Frozen)	04-SL-I	June 5, 2009
Voluntary Load Reduction Rider	04-VLR	June 5, 2009
Economic Development Rider (Frozen)	04-EDR	June 5, 2009
General Service-Space Heating	04-Rider No. 1	November 10, 2011
Real-Time Price Program	04-RTP	November 10, 2011
Municipal Service (Moved to 11-GSS)	04-M-I	November 10, 2011

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THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 2

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 9411-RS

Replacing Schedule 01-RS Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)
 No supplement or separate understanding
 shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

RESIDENTIAL SERVICE

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service supplied through one (1) meter for residential purposes.

Where a business, professional or other gainful enterprise is conducted in or on a residential premise, this schedule shall be applicable only to the separately metered service for residential purpose.

CHARACTER OF SERVICE

Alternating current, 60 cycle, single phase, 115 or 115/230 volts.

NET MONTHLY BILL

	<u>RESIDENTIAL GENERAL USE</u>	<u>RESIDENTIAL SPACE HEATING</u>
<u>Customer Charge</u>	\$8.39 <u>10.00</u> per meter per month.	\$8.39 <u>10.00</u> per meter per month.
<u>Delivery Charge</u>		
Summer (Jun 15 th to Oct 15 th)		
All kWh	\$0.09908 <u>10417</u> per kWh.	\$0.09908 <u>10417</u> per kWh.
Winter (Oct 16 th to Jun 14 th)		
0 – 800 kWh	\$0.09408 <u>09617</u> per kWh.	\$0.09408 <u>09617</u> per kWh.
801 – 5800 kWh	\$0.09408 <u>09617</u> per kWh.	\$0.06703 <u>07373</u> per kWh.
5801 kWh and above	\$0.09408 <u>09617</u> per kWh.	\$0.09408 <u>09617</u> per kWh.

Minimum

The minimum bill shall be the customer charge.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

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Effective _____
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THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 2

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-RS
Replacing Schedule 01-RS Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

DEFINITION OF SUMMER AND WINTER BILLING PERIODS

The summer billing period includes all bills dated July 1st to June 15th, inclusive. The winter billing period includes all bills dated November 1st to October 15th, inclusive.

SPACE HEATING

If the customer permanently installs and uses in his residence equipment for electric space heating of not less than three (3) kilowatt capacity, and has so informed the Cooperative in writing, all kWh used on winter bills shall be at the rates shown in the Net Monthly Bill section, above.

DELAYED PAYMENT

As per schedule DPC.

RECONNECTION CHARGE

In the event a customer orders a disconnection and reconnection of service at the same premises within a period of twelve (12) months, The Cooperative may collect as a reconnection charge the sum of such minimum bills as would have accrued during the period of disconnection.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
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THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 3

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: N/A

Replacing Schedule N/A Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

HELD FOR FUTURE USE

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Month Day Year

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THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 4

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-GSS

WESTERN DIVISION

Replacing Schedule 01-GSS Sheet 1
Which was filed March 18, 2005

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

GENERAL SERVICE SMALL

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service of a single character supplied at one (1) point of delivery and used for general business or commercial purposes, institutions, public or private, and purpose for which no specific rate schedule is provided. This rate is applicable to service of less than ten (10) kW of Demand. If a demand of ten (10) kW or over is reached during a twelve (12) month period, service will be changed to the GSL Rate. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; single phase, 115 or 115/230 volt; three phase, 3 wire, 230 volt; three phase, 4 wire, 115/230 volt.

NET MONTHLY BILL

Customer Charge

~~\$11.40~~ 13.00 per meter per month.

Delivery Charge

	<u>Winter</u>	<u>Summer</u>
	Bills November 1 <u>October 16th</u>	Bills July 1 <u>June 15th</u> to
	to June 30 <u>14th</u> inclusive	October 31 <u>15th</u> inclusive

All kWh per month	\$0.0756 <u>08500</u> per kWh	\$0.0836 <u>09300</u> per kWh
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Minimum

The minimum bill shall be the customer charge.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 4

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-GSS

Replacing Schedules 01-GSS Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)
No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

Customer's average kilowatt load during the fifteen (15) minute period of maximum use during the month.

DELAYED PAYMENT

As per Schedule DPC.

CONTRACT PERIOD

Not less than one (1) year for single phase service in excess of ten (10) kW demand and for all three phase service, in accordance with Agreement for Electric Service by the Cooperative.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval _____
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 5

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-GSL

Replacing Schedule 01-GSL Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)
 No supplement or separate understanding
 shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

GENERAL SERVICE LARGE

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service of a single character supplied at one (1) point of delivery and used for general business or commercial purposes, institutions, public or private, and purpose for which no specific rate schedule is provided. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service. This rate is applicable to service of ten (10) kW of Demand and over.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; single phase, 115 or 115/230 volt; three phase, 3 wire, 230 volt; three phase, 4 wire, 115/230 volt.

NET MONTHLY BILL

Customer Charge

\$21.50 per meter per month.

	<u>Winter</u>	<u>Summer</u>
	Bills November 4 to October 16th to June 30 inclusive	Bills July 1 to June 15th to October 31 inclusive

Demand Charge

Per kW over 9	\$7.50 per month	\$9.50 per month	\$11.50
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per month

Delivery Charge

All kWh per month	\$0.0704207538 per kWh	\$0.0704207538 per kWh
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Minimum

The minimum bill shall be the customer charge plus \$9.00 for each kW over nine (9) kW of the highest demand during the twelve (12) months ending currently.

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Effective Upon Commission Approval
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THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 5

MID-KANSAS ELECTRIC COMPANY, LLC

(Name of Issuing Utility)

Schedule: 0411-GSL

Replacing Schedule 01-GSL Sheet 2

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

Customer's average kilowatt load during the fifteen (15) minute period of maximum use during the month.

POWER FACTOR

If the average power factor for the month (determined at the option of the Cooperative by permanent measurement or by test under normal operating conditions) is less than eighty-five percent (85%), the demand will be adjusted by multiplying by eighty-five percent (85%) and dividing by the average power factor expressed in percent.

PRIMARY SERVICE DISCOUNT

The rate provision of the net monthly bill excluding the Energy Cost Adjustment Clause will be discounted two percent (2%) if all service is delivered and metered at a primary distribution voltage of 4160 volts or higher and customer owns and maintains all necessary transformation equipment and substation.

DELAYED PAYMENT

As per Schedule DPC.

CONTRACT PERIOD

Not less than one (1) year for single phase service in excess of nine (9) kW demand and for all three phase service, in accordance with Agreement for Electric Service by the Cooperative.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-Rider No. 1

Replacing Schedule 01-Rider No. 1 Sheet 1

WESTERN DIVISION

Which was filed March 18, 2005

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

RIDER NO. 1 - SPACE HEATING SERVICE

APPLICABILITY

Applicable to Schedules GSS and GSL, for customers who use electric space heating equipment as the sole source of comfort heating for the space heated and when such equipment is of size and design approved by the Cooperative.

Space heating equipment shall be permanently installed of not less than three (3) kilowatts total input rating, operating at 220 volts or higher.

All provisions of the applicable schedule remain effective subject only to the modifications and additional provisions prescribed by this rider.

RATE

The customer, at his option, can be billed under either of the following:

- a) During the eight (8) consecutive billing months of November 1 through June 30 where customer arranges the wiring so the electric energy used for space heating can be metered separately, all kWh at \$0.06703 plus energy cost adjustment. For electricity used during other periods, the demand and kWh on the separate circuit shall be arithmetically combined for billing purposes with other electric service supplied and billed at the applicable rate.
- b) Where customer has installed and in regular use electric space heating that is not less than thirty percent (30%) of the total connected load, the demand used for billing purposes in the billing months of November 1 through June 30 shall not exceed the highest similarly established in the next preceding billing months of July, August, September, or October.

Issued _____
Month Day Year

Effective Upon Commission Approval _____
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Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 04-Rider No. 1

(Name of Issuing Utility)

Replacing Schedule 01-Rider No. 1 Sheet 2

WESTERN DIVISION

Which was filed March 18, 2005

(Territory in which schedule is applicable)

No supplement or separate understanding

shall modify the tariff as shown hereon:

Sheet 2 of 2 Sheets

c) Use during months not included in the Heating Season: Demand established and kWh used by equipment connected to space heating circuits will be added to demands and kWh measured for billing the service supplied under the schedule with which this rider is applied and the total service will be billed under such schedule.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

HEATING SEASON

Eight (8) consecutive months, November 1 to June 30, inclusive.

Issued _____
Month Day Year

Effective Upon Commission Approval _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-IS

Replacing Schedule 01-IS Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)
No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

INDUSTRIAL SERVICE

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service of a single character supplied at one (1) point of delivery and used for industrial or manufacturing purposes in which a product is produced or processed and from which point the end product does not normally reach the ultimate consumer. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; at any one standard voltage required by customer as described in Cooperative's Standards for Electric Service.

NET MONTHLY BILL

Customer charge

\$100.62 per meter per month

	<u>Winter</u>	<u>Summer</u>	
	Bills November 1 to October 16th	Bills July 1 to June 15th to	
	to June 30 14th inclusive	October 31 15th inclusive	

Demand Charge

Per kW over 40	\$9	\$11.00 per month	\$4213.00
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per month

Delivery Charge

All kWh per month	\$0.0600406083 per kWh	\$0.0600406083 per kWh
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Minimum

1. The Demand Charge
2. Where it is necessary to make unusual extension or to reinforce distribution lines to provide service such that in the judgment of the Cooperative, revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, The Cooperative may require an adequate minimum bill calculated upon reasonable considerations before undertaking to supply the service.

Issued _____
Month Day Year

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Month Day Year

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THE STATE CORPORATION COMMISSION OF KANSAS Index No. 7

MID-KANSAS ELECTRIC COMPANY, LLC Schedule: 04-15

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-IS

Replacing Schedule 01-IS Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)
No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

The Kansas Corporation Commission must approve minimum bills thus determined. In such cases, the consumer shall enter into a written contract with the Cooperative as to the character, amount and duration of the business offered.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

Customer's average kilowatt load during the fifteen (15) minute period of maximum use during the month, but not less than seventy-five percent (75%) of highest demand in previous eleven (11) months nor less than fifty (50) kilowatts.

POWER FACTOR

If the average power factor for the month (determined at the option of the Cooperative by permanent measurement or by test under normal operating conditions) is less than eighty-five percent (85%), the demand will be adjusted by multiplying by eighty-five percent (85%) and dividing by the average power factor expressed in percent.

PRIMARY SERVICE DISCOUNT

The rate provision of the net monthly bill excluding the energy cost adjustment clause will be discounted two percent (2%) if all service is delivered and metered at a primary distribution voltage of 4160 volts or higher and customer owns and maintains all necessary transformation equipment and substation.

DELAYED PAYMENT

As per Schedule DPC.

CONTRACT PERIOD

Not less than one (1) year, or such term as may be specified for a line extension, in accordance with the Agreement for Electric Service.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

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THE STATE CORPORATION COMMISSION OF KANSAS

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MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 11-INT

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INTERRUPTIBLE INDUSTRIAL SERVICE

AVAILABLE

In all rate areas, with the Cooperative reserving the right to remove this rate schedule or modify it in any manner, subject to Kansas Corporation Commission approval. The Cooperative reserves the right to limit the number and amount of the contracts of kW demand to a total load for interruption of five thousand (5,000) kW demand under this rate.

APPLICABLE

The customer must be presently eligible for the IS rate and complete a written application to the Cooperative. Customer must dedicate by contract agreement at least two hundred (200) kW to interruption at any time and designate when applicable a desired kW portion to be billed on the non-interruptible basis. Customer must furnish the Cooperative with the names of a primary and secondary designated representative, one of which can be contacted twenty-four (24) hours a day.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; at any one standard voltage required by customer as described in Cooperative's Standards for Electric Service.

NET MONTHLY BILL

Customer Charge

\$100.62 per meter per month

Winter
Bills November 4 to October 16th
to June 30 14th inclusive

Summer
Bills July 4 to June 15th to
October 31 15th inclusive

Demand Charge

Non-Interruptible

All kW of billing demand \$911.00 per month

\$1213.00 per month

Interruptible

All kW of billing demand \$6.90 per month

\$6.90 per month

Penalty

All kW of billing demand \$31.24 per month

\$31.24 per month

Delivery Charge

All kWh per month \$0.0557005644 per kWh

\$0.0557005644 per kWh

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Minimum

1. The Demand Charge
2. Where it is necessary to make an unusual extension or to reinforce distribution lines to provide service such that in the judgment of the Cooperative the revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, the Cooperative may require an adequate minimum bill calculated upon reasonable considerations before undertaking to supply the service. The Kansas Corporation Commission must approve minimum bills thus determined. In such cases, the consumer shall enter into a written contract with the Cooperative as to the character, amount and duration of the business offered.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

- A. Non-Interruptible: The amount of kW required and designated by contractual agreement not to be interrupted.
- B. Penalty: The customer's average kilowatt load during the fifteen (15) minute period of maximum use during any interruptible period during the month less the kW billed under Part A of this section.
- C. Interruptible: The customer's average kilowatt load during the fifteen (15) minute period of maximum use during any non-interruptible period during the month less the kW billed under Parts A & B of this section; but not less than seventy-five percent (75%) of the highest demand (add Parts A, B, & C) in the previous eleven (11) months nor less than two hundred (200) kilowatts (add parts B & C).

POWER FACTOR

If the average power factor for the month (determined at the option of the Cooperative by permanent measurement or by test under normal operating conditions) is less than eighty-five percent (85%), the demand will be adjusted by multiplying by eighty-five percent (85%) and dividing by the average power factor expressed in percent.

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MID-KANSAS ELECTRIC COMPANY, LLC

(Name of Issuing Utility)

Schedule: 0411-INT

Replacing Schedule 01-INT Sheet 3

Which was filed March 18, 2005

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No supplement or separate understanding shall modify the tariff as shown hereon.

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PRIMARY SERVICE DISCOUNT

The rate provision of the net monthly bill excluding the energy cost adjustment clause will be discounted two percent (2%) if all service is delivered and metered at a primary distribution voltage of 4160 volts or higher and customer owns and maintains all necessary transformation equipment and substation.

CONTRACT PERIOD

Not less than one (1) year, or such term as may be specified for a line extension, in accordance with the Agreement for Electric Service. Six (6) months written notice, except upon the following occurrence, must be given by customer to the Cooperative before customer may change from this rate schedule to another applicable rate schedule. The customer will automatically default by placing twenty-five percent (25%) or more of its contracted interruptible demand on Cooperative system during a declared interruptible period in each of any two (2) calendar months out of a rolling twelve (12) calendar month period. The customer shall pay all applicable charges under this tariff and then transfer to another rate schedules for the following billing month. Customer may reapply for interruptible service on June 1st of the calendar year following the occurrence of default.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

1. Application/Placement on Rate: Rate applicant will be placed on a list in the order in which they make requests. Applicants will be placed on the rate as soon as the necessary facilities are in place and approved by the Cooperative.

Note: For the purpose of this rate, the loads used in the cumulative total will be determined by Cooperative on an expected value basis using actual meter data indicative of loads which can be interrupted during the hours of 11 a.m. and 11 p.m., from June 15th to September 15th.

2. Interruptions: Notice: The Cooperative may interrupt the interruptible portion of service under this schedule at any time with at least two (2) hours advance notice. While additional advance notice is not required, the Cooperative will endeavor to give customer twenty-four (24) hours prior notice when possible.

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Period of Interruption: A period of interruption is a time interval, of either a four (4) or eight (8) hour increment, as communicated to the customer's designated representative by Cooperative designated representative. Time intervals may extend over consecutive periods with each having a two (2) hours minimum notice.

Duration of Interruption: It is further understood and agreed that service to the customer shall be interrupted when, in the opinion of Cooperative System Operator, continued service would contribute to the establishment of a predetermined Cooperative system peak load and during any system emergency such as a sudden loss of generation or transmission or other situations when reduction in load on Cooperative system is required. The interruption of service shall continue until conditions causing interruptions have been cleared.

3. Responsibility: The customer will be responsible for monitoring his load in order to comply with the terms of the contract and provisions of this service schedule.

The Cooperative shall purchase and install an electronic meter relay which shall provide the customer with an instantaneous, visual monitor of its demand.

4. Liability: The Cooperative shall have no liability to the customer or any other person, firm, or corporation for any loss, damage, or injury by reason of any interruption or curtailment as provided herein.

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MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 04-RTP

(Name of Issuing Utility)

Replacing Schedule 01-RTP Sheet 1

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Which was filed March 18, 2006

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REAL-TIME PRICE (RTP) PROGRAM

PURPOSE

Real-time pricing (RTP) offers customers electricity at marginal-cost based prices. This offers customers the ability to more accurately respond to the true costs of providing power. Customers benefit from the opportunity to consume more power during relatively frequent low cost hours, while reducing usage during the relatively few high cost hours.

Hourly prices under the RTP program will be provided on a day-ahead basis to customers. Prices for weekends and holidays will be provided on the preceding business day. Prices become binding at 4:00 p.m. of the preceding day. Power under the RTP program is firm.

AVAILABILITY

This service is available to all customers who agree to abide by the terms and conditions of the service agreement.

This program is not available for resale, standby, back-up, or supplemental service.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominally 120/240 volts firm electric service, provided from the Cooperative's secondary distribution system. Three phase secondary service shall be available where three phase facilities are available without additional construction or may be made available at additional charge at voltages not exceeding 480 volts. Three phase primary distribution service shall be available where primary distribution facilities are available without additional construction.

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MONTHLY RATE

RTP-Bill = Base-Bill + Incremental-Delivery-Charge + RTP-Service-Charge + Reactive-Demand-Adjustment.

The components of the RTP-Bill are defined below.

$$\text{Base-Bill} = \text{Standard-Tariff-Bill} + \beta * (\text{Standard-Tariff-Bill} - \sum_h (P_h^{\text{RTP}} * \text{CBL}_h))$$

Standard-Tariff-Bill is the customer baseline load (CBL, defined below) for the billing month, billed under the current prices of the customer's standard tariff, (the tariff under which the customer was billed prior to joining the RTP program). The Standard-Tariff-Bill excludes the Reactive-Demand-Adjustment.

β is an adjustment to the Standard-Tariff-Bill. The Cooperative will offer Basic-RTP-Service with β equal to zero and may offer Premium-RTP-Service with β equal to 0.05

$$\text{Incremental Energy Charge} = \sum_h P_h^{\text{RTP}} * (\text{Actual Load}_h - \text{CBL}_h)$$

\sum_h indicates a summation across all hours in the billing month.

Actual Load_h is the customer's actual energy use in the hour (kWh).

CBL_h is the baseline hourly energy use. (See below.)

P_h^{RTP} , the real-time price, is calculated as:

$$P_h^{\text{RTP}} = \alpha * \text{MC}_h + (1 - \alpha) * P_h^{\text{STD}}$$

MC_h is the day-ahead forecast of hourly short-run marginal cost of providing energy to Kansas retail customers, including provisions for line losses. Marginal costs include the marginal cost of real power and operating reserves and a proxy for the marginal cost of transmission. (See below for a description of this proxy.)

P_h^{STD} is the hourly effective delivery charge of the customer's Standard-Tariff-Bill, calculated from the applicable standard (non-RTP) price schedule. It is the change in the Standard-Tariff-Bill due to a change in usage and includes both delivery and demand charges.

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MONTHLY RATE (continued)

α is the weight of marginal cost in defining retail price, with value of 0.8 for regular RTP service and 0.95 for RTP Premium service.

RTP Service Charge = \$223.60 per month for customers whose customer baseline load (CBL) peak demand exceeds five hundred (500) kW for three (3) consecutive months.
\$251.55 per month for all other customers.

Reactive Demand Adjustment is the adjustment found in the tariff that served the RTP customer prior to joining RTP. The price of the reactive demand is the current price under that tariff.

CUSTOMER BASELINE LOAD

The customer baseline load (CBL) represents the electricity consumption pattern typical of the RTP customer's operations were they to remain on the standard tariff. The CBL is specific to each individual customer and includes hourly load plus billing aggregates such as peak demand necessary to calculate the base bill under the customer's standard tariff. The CBL is determined in advance of the customer's taking RTP service and is part of the customer's service agreement.

The CBL will be based, whenever possible, on existing load information. The Cooperative reserves the right to adjust the CBL to allow for special circumstances. The CBL is used to ensure revenue neutrality on a customer-specific basis, and must be mutually agreed upon by both the customer and the Cooperative before service commences. The CBL will be in force for the duration of the customer's RTP service agreement.

TRANSMISSION AND DISTRIBUTION

Transmission and distribution charges are currently bundled into Standard Tariff Bill charges.

If the Cooperative is required to either increase the capacity or accelerate its plans for increasing capacity of the transmission or distribution facilities or other equipment necessary to accommodate a customer's increased load, then an additional facilities charge will be assessed.

POWER FACTOR ADJUSTMENT

The Power Factor Adjustment will be billed, where applicable, in accordance with the customer's otherwise applicable, non-RTP, standard tariff. The customer's Standard Tariff Bill does not include any reactive demand charges.

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PRICE DISPATCH AND CONFIRMATION

The Cooperative will transmit prices for each day by 4:00 p.m. of the preceding business day. The Cooperative not responsible for failure of customer to receive and act upon the Price Quote. It is customer's responsibility to inform the Cooperative by 5:00 p.m. of failure to receive the Price Quote. The actions taken by customer based on the Price Quote are customer's responsibility.

INTERRUPTIBLE CUSTOMERS

Interruptible customers can participate in RTP service using one (1) of three (3) options:

Option 1- Conversion to Firm Power Status: The customer can terminate their interruptible contract, revert to the applicable standard tariff and join RTP.

Option 2- Retain Interruptible Contract but Add a Buy-through Option: The customer retains their interruptible contract and obtains the privilege of "buying through" their non-interruptible power level at times of interruption at the posted real-time price. The value of the interruptible discount will be reduced by fifty percent (50%). At times of interruptions, the CBL of such a customer will be set to the lesser of the existing CBL value and the customer's non-interruptible power level. The customer will be able to exceed their non-interruptible power level during interruption periods without penalty by purchasing incremental load at the real-time price and will be reimbursed at the same real-time price for reductions below the CBL.

Option 3- Retain Interruptible Contract: The Interruption provisions of the rider will continue to apply as stated in the rider. The marginal cost of real power and operating reserves will not be applied to the interruptible portion of the customer's Baseline Load. At times of interruptions, the CBL of such a customer will be set to the lesser of the existing CBL value and the customer's non-interruptible power level.

PRICE QUOTES FOR FIXED QUANTITIES

To further manage risks, customers will have the option to contract with the Cooperative for short term power transactions at a price for pre-specified departures from the customer's previously established CBL. The duration of such contracts is not to exceed six (6) months or be shorter than one (1) week. The Cooperative and customer will mutually agree on the pricing structure and quantities to be used for the Price Quote, including but not limited to, hourly prices, prices by time period or seasons, price caps and floors, collars, etc.

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PRICE QUOTES FOR FIXED QUANTITIES (continued)

Customer may contract through the Cooperative representative for quotes for fixed power levels at pre-specified fixed quantities. The Cooperative will solicit bids for power from neighboring suppliers that meet customer's schedule, quantities, and pricing structure. Upon agreement by customer a transaction fee of \$150 per contract will be applied to recover costs to initiate, administer, and bill for hedging services.

All power is delivered and titled to the Cooperative and may be directed to meet system emergencies should such a need arise. Reasonable advance notice will be made to Customer and a corresponding credit will be applied to Customer's bill in the event of such occurrences.

BILL AGGREGATION SERVICE

Customers will have the choice to aggregate the bills of multiple accounts under the RTP Program for the purposes of the application of the Incremental Energy Charge. Eligible customers will be limited to customers who become active participants in the RTP program who are legally or financially related to one another. The calculation of the aggregated Base Bill will be based on the application of the GBL on a non-aggregated basis for each individual account.

DURATION OF SERVICE AGREEMENT

Each service agreement will be served under RTP for a minimum of one (1) year.

SERVICE AGREEMENT TERMINATION

Written notice of sixty (60) days in advance must be provided by the customer for termination of the service agreement. Once terminated, readmission will not be allowed for a period of one (1) year. The GBL may be reassessed prior to readmission.

RULES AND REGULATIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

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PRIVATE AREA/STREET LIGHTING

AVAILABILITY

To any customer with existing or new pole(s) for lighting of outdoor areas on a dusk to dawn, photo-controlled, unmetered basis from the Cooperative existing distribution system.

NET MONTHLY RATE

For supply of controlled electricity, installation and maintenance of a light fixture(s), pole and lamp renewal as required.

See Unmetered Facilities Table.

Plus

(1) Customer will be responsible for any underground circuits or special wiring not included in the Unmetered Facilities Table.

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

SPECIAL TERMS AND CONDITIONS

A. The following terms and conditions are intended to apply generally and in the absence of any Kansas Corporation Commission approved contractual agreement between the customer and the Cooperative.

1. Standard fixtures available for installation hereunder shall be determined by the Cooperative on the basis of their quality, capital costs, maintenance costs, availability, customer acceptance and other factors. Fixtures furnished in providing this service will be assigned by reference to manufacturer's symbols in the customer's contract for leased lighting.

2. Lamps shall be controlled by a photoelectric controller providing dusk to dawn service.

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3. Maintenance of the Cooperative-owned lamp equipment and lamp renewals are performed during normal working hours within a reasonable period following notification by the customer of the need for such service. Glassware is cleaned only at the time of such maintenance. Permission is given Cooperative to enter the customer's premises at all reasonable times for the purpose of inspecting and maintaining its equipment.

4. The customer is responsible for all damages to, or loss of, the Cooperative's property located on his property unless occasioned by Cooperative negligence or by any cause beyond control of the customer.

5. It shall be the customer's responsibility to notify the Cooperative when the lighting system is not working on the customer's premises.

6. The customer will be assessed a special fee if he/she should request an existing fixture be replaced with a high-pressure sodium fixture of equivalent lumen output. This fee is to cover the unamortized cost of the existing fixture, and will be determined at the time of request.

7. The customer will provide the Cooperative, free of charge, the necessary permits, rights of way and excavations or paving cuts necessary for installation and operation of area lighting units.

8. The Cooperative will own, maintain and operate all controlled area lighting equipment and service facilities. Line extensions to serve the area light(s) must be made in accordance with the Cooperative's line extension policy currently on file with the Kansas Corporation Commission.

9. The Cooperative will attempt, circumstances permitting, to service and maintain the equipment within a reasonable length of time from the time the Cooperative is notified of a maintenance requirement. The Cooperative assumes no responsibility for patrolling such equipment to determine when maintenance is needed. However, it is the customer's responsibility to detect and report failures and malfunctions to the Cooperative and, when such failures are due to vandalism, mischief or a violation of traffic laws or other ordinances, to assist the Cooperative in identifying the responsible party.

10. The standard material calculated in the rate for steel street lighting is a thirty (30) foot direct buried pole. The Cooperative will offer larger size poles with or without a breakaway base at the additional cost to be paid by the customer.

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B. Special Systems: The Cooperative will provide underground wiring, ornamental poles and other special systems as costs are applicable. The Cooperative reserves the right to approve or disapprove any special system so requested.

C. Relocation of Fixtures: The Cooperative will relocate a Cooperative-owned street lighting pole or standard at the customer's expense if located on private R.W., if on Public R.W., the law of the State of Kansas will govern.

D. Upgrade of Existing Fixtures: The Cooperative shall, upon the request of the customer, upgrade existing street lighting units to provide higher levels of illumination under the following conditions:

1. The existing units must have been in place five (5) or more years.

2. The Cooperative shall replace at the specified option under the rate table for existing Cooperative-owned luminaries and brackets with similar equipment providing higher lumen ratings. The appropriate rates for the fixtures with higher illumination will apply.

E. Disconnection: When a customer requests that a street lighting unit be disconnected before five (5) years have elapsed since the date of installation, the Cooperative may require the customer to reimburse the Cooperative for the life of the value of the street lighting facilities removed plus the cost of removal less the salvage value thereof.

SPECIAL PROVISIONS

A. Residential Subdivision Street Lighting

The Cooperative will furnish, erect, operate and maintain all necessary equipment in accordance with its standard specifications. It is the responsibility of Home Builder's Association or unincorporated communities to pay monthly charges as per terms and conditions of the contract.

In the event when Home Builder's Association, unincorporated communities or any other residential associations or governing group dissolve, the customers related to those lighting areas shall equally share the monthly charges as established as per terms and conditions of the contract.

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B. Cities, Municipalities and Governmental Agencies

This Part B does not apply to individual homeowners, Home Builder's Associations or any unincorporated agencies.

If due to any reasons cities, municipalities and governmental agencies decide to install Private Area/Street Lighting to meet their specifications and necessities, a special contract with the new rate will be issued by the Cooperative as dictated by franchise or special agreements. This shall at least cover the cost necessary to provide energy and maintenance of the Private Area/Street Lighting.

TERMINATING NOTICE

All service under this rate shall require a written notice ninety (90) or more days prior to termination by either party. If service is terminated, per customer request, before the two (2) year contract period elapses, the customer must pay the prorated balance of the contract amount. All or part of the payment requirement may be waived by the Cooperative if a successor, in effect, assumes payment responsibility for the predecessor's remaining contractual obligation by continuing Private Area/Street Lighting under Private Area/Street Lighting schedule PAL-SL-I.

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission and to the terms and conditions and applicable standard contract riders included in this electric rate schedule.

DELAYED PAYMENT

As per Schedule DPC.

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MONTHLY RATE - UNMETERED FACILITIES TABLE

INVESTMENT OPTIONS

Style/Lamp	Lumens	Monthly kWh	INVESTMENT OPTIONS				
			A Cust-0% Coop.-100%	B* Cust-25% Coop.-75%	C* Cust-50% Coop.-50%	D* Cust-75% Coop.-25%	E Cust-100% Coop.-0%
PRIVATE AREA LIGHT							
<u>On Existing Pole</u>							
100W P.A.L.	7,920	40	\$8.4018	-	-	-	\$3.4418
150W P.A.L.	13,500	60	\$12.8698	-	-	-	\$4.3950
200W P.A.L.	22,000	80	\$14.4964	-	-	-	\$5.4762
<u>On New Pole (Wood)</u>							
100W P.A.L.	7,920	40	\$13.4654	-	-	-	\$3.4653
150W P.A.L.	13,500	60	\$14.9815.10	-	-	-	\$4.6263
200W P.A.L.	22,000	80	\$16.4025	-	-	-	\$5.6772
FLOOD LIGHTS							
<u>On Existing Pole</u>							
150W Flood	13,500	60	\$15.2234	-	-	-	\$4.6465
400W Flood	45,000	160	\$27.9928.29	-	-	-	\$10.2656
1000W Flood M.H.	110,000	402	\$44.4642.22	-	-	-	\$24.2599
<u>On New Pole (Wood)</u>							
150W Flood	13,500	60	\$17.4729	-	-	-	\$4.6879
400W Flood	45,000	160	\$29.9230.23	-	-	-	\$10.3969
1000W Flood M.H.	110,000	402	\$56.46	-	-	-	\$23.4992
STREET LIGHT							
<u>On Existing Pole</u>							
100W P.A.L. Fixture	7,920	40	\$8.989.06	-	-	-	\$3.4825
150W P.A.L. Fixture	13,500	60	\$10.6071	-	-	-	\$4.2334
200W P.A.L. Fixture	22,000	80	\$13.0520	-	-	-	\$5.3752
<u>On New Pole (Wood)</u>							
100W P.A.L. Fixture	7,920	40	\$13.4654	-	-	-	\$3.4653
150W P.A.L. Fixture	13,500	60	\$14.9815.10	-	-	-	\$4.6263
200W P.A.L. Fixture	22,000	80	\$16.4025	-	-	-	\$5.6772
STREET LIGHT							
<u>On Existing Pole</u>							
100W Cobra Head	7,920	40	\$8.989.06	-	-	-	\$3.4825
150W Cobra Head	13,500	60	\$10.6071	-	-	-	\$4.2334
200W Cobra Head	22,000	80	\$13.0520	-	-	-	\$5.3752
250W Cobra Head	27,000	100	\$14.3453	-	-	-	\$6.4462
400W Cobra Head	45,000	160	\$17.5292	-	-	-	\$9.5685
<u>On New Pole (Wood)</u>							
100W Cobra Head	7,920	40	\$15.7391	-	-	-	\$3.6468
150W Cobra Head	13,500	60	\$16.9417.06	-	-	-	\$4.6778
200W Cobra Head	22,000	80	\$17.7691	-	-	-	\$5.6994
250W Cobra Head	27,000	100	\$19.7695	-	-	-	\$7.1429
400W Cobra Head	45,000	160	\$22.9423.24	-	-	-	\$10.2252
<u>On New Pole (Steel)</u>							
100W Cobra Head	7,920	40	\$24.51	60	-	-	-
	\$4.2428						
150W Cobra Head	13,500	60	\$25.7483	-	-	-	\$5.2435
200W Cobra Head	22,000	80	\$27.4834	-	-	-	\$6.3146
250W Cobra Head	27,000	100	\$30.3454	-	-	-	\$7.6969
400W Cobra Head	45,000	160	\$33.4990	-	-	-	\$10.6491

* Investment Options B, C, and D are not available to new customers after 07/01/2001.

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Index No. 13

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 11

-DOL-I
(Name of Issuing Utility)

Replacing Schedule 01-DOL-I Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 6 Sheets

SECURITY (DECORATIVE) LIGHTING SERVICE

AVAILABILITY

Available to individuals, municipalities or other governmental subdivisions, school districts, unincorporated communities and for lighting county streets, major highways and public grounds at secondary voltages.

Available for area lighting using street light equipment installed in accordance with the Cooperative street lighting standards, at the voltage and current of Cooperative's established distribution system for such service, for use in lighting private areas and grounds, for protective, safety and decorative purposes.

NET MONTHLY BILL

For supply of controlled electricity, installation and maintenance of a light fixture, pole and lamp renewal as required.

See Unmetered Facilities Table.

(1) Customer will be responsible for any underground circuits or special wiring not included in the Unmetered Facilities Table.

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

SPECIAL TERMS AND CONDITIONS

A. The following provisions are intended to apply generally and in the absence of any Kansas Corporation Commission approved contractual agreement between the customer and the Cooperative.

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~~MID-KANSAS ELECTRIC COMPANY, LLC~~ Schedule: 04

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-DOL-I

Replacing Schedule 01-DOL-I Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)
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shall modify the tariff as shown hereon.

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1. Standard fixtures available for installation hereunder shall be determined by the Cooperative on the basis of their quality, capital costs, maintenance costs, availability, customer acceptance and other factors. Fixtures furnished in providing this service will be assigned by reference to manufacturer's symbols in the customer's contract for leased lighting.
2. Lamps shall be controlled by a photo-electric controller providing dusk to dawn service.
3. Maintenance of Cooperative-owned lamp equipment and lamp renewals are performed during normal working hours within a reasonable period following notification by the customer of the need for such service. Glassware is cleaned only at the time of such maintenance. Permission is given the Cooperative to enter the customer's premises at all reasonable times for the purpose of inspecting and maintaining its equipment.
4. Trenching of soft soil which extends beyond one hundred seventy-five (175) feet is subject to extra costs. Trenching cost of hard soil will be determined on an individual basis.
5. The customer is responsible for all damages to, or loss of, the Cooperative property located on his property unless occasioned by Cooperative negligence or by any cause beyond control of the customer.
6. It shall be the customer's responsibility to notify the Cooperative when the lighting system is not working on the customer's premises.
7. The customer will provide the Cooperative, free of charge, the necessary permits, rights of way and excavations or paving cuts necessary for installation and operation of area lighting units.
8. The Cooperative will own, maintain and operate all controlled area lighting equipment and service facilities. Line extensions to serve the area light(s) must be made in accordance with Cooperative's line extension policy currently on file with the Kansas Corporation Commission.

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MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 04

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-DOL-I

Replacing Schedule 01-DOL-I Sheet 3
Which was filed March 18, 2005

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9. The Cooperative will attempt, circumstances permitting, to service and maintain the equipment within a reasonable length of time from the time the Cooperative is notified of a maintenance requirement. The Cooperative assumes no responsibility for patrolling such equipment to determine when maintenance is needed. However, it is the customer's responsibility to detect and report failures and malfunctions to the Cooperative and, when such failures are due to vandalism, mischief or a violation of traffic laws or other ordinances, to assist the Cooperative in identifying the responsible party.

B. Special Systems: The Cooperative will provide underground wiring, ornamental poles and other special systems as costs are applicable. The Cooperative reserves the right to approve or disapprove any special system so requested.

C. Relocation of Fixtures: The Cooperative will relocate a Cooperative-owned street lighting pole or standard at the customer's expense if located on private R.W., if on Public R.W., the law of the State of Kansas will govern.

D. Upgrade of Existing Fixtures: The Cooperative shall, upon the request of the customer, upgrade existing street lighting units to provide higher levels of illumination under the following conditions:

1. The existing units must have been in place five (5) or more years.

2. The Cooperative shall replace at the specified option under the rate table for existing Cooperative-owned luminaries and brackets with similar equipment providing higher lumen ratings. The appropriate rates for the fixtures with higher illumination will apply.

E. Disconnection: When a customer requests that a street lighting unit be disconnected before five (5) years have elapsed since the date of installation, the Cooperative may require the customer to reimburse for the life of the value of the street lighting facilities removed plus the cost of removal less the salvage value thereof.

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Schedule: 11

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 04-DOL-I

(Name of Issuing Utility)

Replacing Schedule 01-DOL-I Sheet 4

Which was filed March 18, 2005

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SPECIAL PROVISIONS

A. Residential Subdivision Street Lighting

The Cooperative will furnish, erect, operate and maintain all necessary equipment in accordance with its standard specifications. It is the responsibility of Home Builder's Association or unincorporated communities to pay monthly charges as per terms and conditions of the contract.

In the event when Home Builder's Association, unincorporated communities or any other residential associations or governing group dissolve, the customers related to those lighting areas shall equally share the monthly charges as established as per terms and conditions of the contract.

B. Cities, Municipalities and Governmental Agencies

This Part B does not apply to individual home owners, Home Builder's Associations or any unincorporated agencies.

If due to any reasons cities, municipalities and governmental agencies decide to install Security (Decorative) Lighting Service to meet their specifications and necessities, a special contract with the new rate will be issued by the Cooperative as dictated by franchise or special agreements. This shall at least cover the cost necessary to provide energy and maintenance of the Security (Decorative) Lighting Service.

TERMINATING NOTICE

All service under this rate shall require a written notice ninety (90) or more days prior to termination by either party. If service is terminated, per customer request, before the two (2) year contract period elapses, the customer must pay the prorated balance of the contract amount. All or part of the payment requirement may be waived by the Cooperative if a successor, in effect, assumes payment responsibility for the predecessor's remaining contractual obligation by continuing Security (Decorative) Lighting under Security (Decorative) Lighting Service schedule DOL-I.

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Replacing Schedule 01-DOL-I Sheet 5

Which was filed March 18, 2005

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GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission and to the terms and conditions and applicable standard contract riders included in this electric rate schedule.

DELAYED PAYMENT

As per Schedule DPC.

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MONTHLY RATE - UNMETERED FACILITIES TABLE
 INVESTMENT OPTIONS

Style/Lamp	Lumens	Monthly kWh	INVESTMENT OPTIONS				
			A Cust-0% Coop.-100%	B* Cust-25% Coop.-75%	C* Cust-50% Coop.-50%	D* Cust-75% Coop.-25%	E Cust-100% Coop.-0%
ACORN							
35W HPS	2,025	14	\$18.4043	-	-	-	\$2.6972
100W HPS	7,920	40	\$26.942700	-	-	-	\$4.5865
250W HPS	27,000	100	\$31.44	-	-	-	\$7.8464 -
			\$8.00				
SINGLE GLOBE							
35W HPS	2,205	14	\$14.2225	-	-	-	\$2.4444
70W HPS	5,670	28	\$23.4447	-	-	-	\$3.7378
100W HPS	7,920	40	\$24.2635	-	-	-	\$4.4047
150W HPS	13,500	60	\$25.4860	-	-	-	\$5.4556
MULT GLOBE							
70W HPS (5)	28,350	140	\$61.9862.28	-	-	-	\$12.5682
100W HPS (5)	39,600	200	\$66.43	-	-	-	\$15.7954 -
			\$16.16				
150W HPS (5)	67,500	300	\$72.3594	-	-	-	\$21.4065
LANTERN							
35W HPS	2,025	14	\$16.6063	-	-	-	\$2.5861
100W HPS	7,920	40	\$29.0615	-	-	-	\$4.7478
250W HPS	27,000	100	\$33.36	-	-	-	\$7.9456 -
			\$8.13				
SHOEBOX							
100W HPS	7,920	40	\$33.9534.04	-	-	-	\$5.0311
250W HPS	27,000	100	\$38.4432	-	-	-	\$8.2645
400W HPS	45,000	160	\$41.8742.19	-	-	-	\$11.6393
800W HPS	90,000	320	\$58.09	-	-	-	\$20.8871 -
			\$21.00				

* Investment Options B, C, and D are not available to new customers after 07/01/2001.

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MID-KANSAS ELECTRIC COMPANY, LLC

(Name of Issuing Utility)

Schedule: 0411-PAL-I

Replacing Schedule 01-PAL-I Sheet 1

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 3 Sheets

**CONTROLLED PRIVATE AREA LIGHTING
(FROZEN)**

AVAILABILITY

To any customer for lighting of outdoor areas on a dusk to dawn, photo-controlled, unmetered basis from Cooperative's existing distribution system.

No additional lamps will be installed under this schedule after the effective date of September 26, 1994.

NET MONTHLY BILL

For supply of controlled electricity, installation and maintenance of mercury vapor light fixture with a four (4) foot bracket on an existing wood distribution pole and for lamp renewal as required for:

Nominal Watt Rating		Monthly kWh		Mercury Vapor		High Pressure Sodium	
Mercury Vapor	High Pressure Sodium	Mercury Vapor	High Pressure Sodium	Monthly Rate/Unit	Annual Rate/Unit	Monthly Rate/Unit	Annual Rate/Unit
175	100	63	40	\$ 9.06	\$108.7218	\$110.16	\$ 8.22
98.6430	\$ 99.60						
400	200	151	80	\$17.47	\$209.6475	\$213.00	\$14.62
\$175.4478	\$177.36						
400 (Flood)	150	151	60	\$19.04	\$228.4832	\$231.84	\$15.31
\$183.7261	\$187.32						
1000 (Flood)	400	355	160	\$36.15	\$433.92	\$27.99	\$335.8831
\$28.00	\$336.00						

Plus

- 1) For each additional standard distribution pole, not longer than thirty-five (35) feet, required for such area lighting supply is \$1.42 per month.
- 2) For each one hundred (100) feet of overhead secondary circuit required is \$.53 per month.
- 3) Steel standards with maximum mounting height of thirty (30) feet and of the same type as used in street lighting will be furnished upon request provided the customer will be responsible for the placement of the concrete base and anchor bolts at the time of the installation and also for their removal upon termination of the leased lighting agreement. Monthly rental charge for each standard is \$6.73.
- 4) Customer will be responsible for any underground circuits or special wiring.

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Schedule: 11

(Name of Issuing Utility)

Replacing Schedule 01-PAL-I Sheet 2

Which was filed March 18, 2005

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No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 3 Sheets

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

SPECIAL PROVISIONS

Contracts hereunder are subject to the following special provisions:

1. Standard fixtures available for installation hereunder shall be determined by the Cooperative on the basis of their quality, capital costs, maintenance costs, availability, customer acceptance and such factors. Fixtures furnished in providing this service will be assigned by reference to manufacturer's symbols in the customer's contract for leased lighting.
2. Lamps shall be controlled by a photo-electric controller providing dusk to dawn service.
3. Maintenance of Cooperative-owned lamp equipment and lamp renewals are performed during normal working hours within a reasonable period following notification by the customer of the need for such service, glassware is cleaned only at the time of such maintenance. Permission is given the Cooperative to enter the customer's premises at all reasonable times for the purpose of inspecting and maintaining its equipment.
4. The customer is responsible for all damages to, or loss of, Cooperative property located on his property unless occasioned by Cooperative negligence or by any cause beyond control of the customer.
5. The customer will be assessed a special fee if he/she should request an existing fixture be replaced with a high pressure sodium fixture of equivalent lumen output. This fee is to cover the unamortized cost of the existing fixture, and will be determined at the time of request.

TERM OF CONTRACT

An initial term of three (3) years and for repeating period of one (1) year thereafter until terminated by ninety (90) or more days prior written notice given by either part to the other.

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(Name of Issuing Utility)

Replacing Schedule 01-PAL-I Sheet 3

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GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission and to the terms and conditions and applicable standard contract riders included in this electric rate schedule.

DELAYED PAYMENT

As per Schedule DPC.

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~~MID-KANSAS ELECTRIC COMPANY, LLC~~

Schedule: 04

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-OSL-V-I

Replacing Schedule 01-OSL-V-I Sheet 1
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VAPOR STREET LIGHTING SYSTEM
ORNAMENTAL SYSTEM
 (FROZEN)

AVAILABILITY

This schedule is available to cities contracting for the operation of an ornamental street-lighting system, which system shall be owned, operated and maintained by the Cooperative.

No additional lamps will be installed under this schedule after the effective date of September 26, 1994.

NET MONTHLY BILL

For supply of controlled electricity, installation and maintenance of mercury vapor light fixture with a four (4) foot bracket on an existing wood distribution pole and for lamp renewal as required for:

<u>Nominal Watt Rating</u>		<u>Monthly kWh</u>		<u>Mercury Vapor</u>		<u>High Pressure Sodium</u>	
<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>
175	100	63	40	\$ 9.94	\$119.28	\$ 8.98	\$127.20
\$120.72	\$ 9.06	\$108.72					
250	150	95	60	\$12.28	\$192.36	\$149.52	\$10.60
\$156.69	\$128.52						
400	200	151	80	\$16.63	\$407.76	\$195.72	\$13.65
\$119.28	\$158.40						

Lamps will normally be controlled by a photo-cell operating lamp from dusk to dawn (approximately 4,000 hours per year). The above rates are to be billed in twelve (12) equal monthly installments based upon lamp size indicated. Lamps shall be enclosed in fixtures designated by the Cooperative and supported upon wood poles with up to six (6) foot mast arms. Mounting heights will be at levels recommended by unit manufacturer for proper light distribution.

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

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Schedule: 11

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 04-OSL-V-1

(Name of Issuing Utility)

Replacing Schedule 01-OSL-V-1 Sheet 2

Which was filed March 18, 2005

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SPECIAL TERMS AND CONDITIONS

(a) Service under this schedule is for lighting trafficways where the distance between units does not exceed one hundred seventy-five (175) feet and residential areas where spacing does not exceed three hundred (300) feet.

(b) Where lighting fixtures are to be mounted on ornamental metal poles, the annual charge shall be increased:

- \$18.96 per standard for mounting under 20 feet.
\$28.56 per standard for mounting height over 20 feet but under 30 feet.
\$36.24 per standard for mounting height over 30 feet.

(c) Where lighting fixture are to be mounted on standard mast arms over six (6) foot in length, the annual charge shall be increased \$11.64 per light fixture.

(d) Where lighting standards are located in lighted areas that regulation requires break away bases, the annual charge shall be increased \$20.04.

(e) Underground conductor for street lighting system shall be used only where required by the governing body and at the following schedule of added annual charges:

- 1. Extensions up to one hundred seventy-five (175) feet where no concrete or hard surface road material has to be cut to accommodate the underground circuit \$34.08 per lighting standard.
2. Extensions up to one hundred seventy-five (175) feet where concrete or hard surface material has to be cut and replaced to accommodate the underground circuit \$66.24 per lighting standard.

(f) Existing bridge or viaduct lighting which is in or contiguous to the district to be lighted under contract shall be served at the same annual rate except where the standard and luminaire are not furnished by the Cooperative, the annual charge shall be reduced \$23.88 per standard. The Cooperative will not maintain that portion of the system owned by the customer but will renew bulbs or glassware when burned out or broken.

(g) Where two (2) luminaires are supported from the same standard, the charge above stated shall be reduced \$3.01 for each lamp on such standard.

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Schedule: 04-11-OSL-V-I

Replacing Schedule 01-OSL-V-I Sheet 3
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(h) The City may extend a system under contract to take in additional trafficways so long as such extensions are contiguous to existing installations and provided that such extensions meet the requirements under paragraph (a).

(i) The City will be assessed a special fee should they request an existing fixture be replaced with a high pressure sodium fixture of equivalent lumen output. This fee is to cover the unamortized cost of the existing fixture and will be determined at the time of request.

MINIMUM MONTHLY CHARGE

The minimum number and size of street lights shall not be less than specified in the agreement for street lighting service.

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

DELAYED PAYMENT

As per Schedule DPC.

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MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 04-11-STR

Replacing Schedule 01-STR Sheet 1
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SUB-TRANSMISSION & TRANSMISSION LEVEL ELECTRIC SERVICE 34.5 kV

AVAILABLE

Entire Service Area.

APPLICABLE

For all electric service of a single character supplied at one (1) point of delivery at a voltage of 34.5 kilovolts or above, and who have the necessary interval metering installed. At a minimum customers requesting service under the sub-transmission level service shall have an average summer demand of at least five hundred (500) kW and an average summer demand of one thousand (1,000) kW for transmission level customers. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; at any one standard voltage required by Customer as described in Cooperative's Standards for Electric Service.

MONTHLY RATE

Service at 34.5 kilovolts

The monthly rate hereunder shall be the Wholesale Cost of Power, as billed by the Cooperative's Wholesale Power Provider plus the following charges:

1. DELIVERY ENERGY CHARGE:
 - a. All kWh @ ~~\$0.004700170~~ per kWh
2. DELIVERY FACILITIES CHARGE: As provided for in the Customer's Electric Service Agreement.
3. LOCAL ACCESS CHARGE @ ~~\$1.4403~~ per kW

Service at 115 kilovolts

The monthly rate hereunder shall be the Wholesale Cost of Power, as billed by the Cooperative's Wholesale Power Provider plus the following charges:

1. DELIVERY ENERGY CHARGE:
 - a. All kWh @ ~~\$0.004700170~~ per kWh
2. DELIVERY FACILITIES CHARGE: As provided for in the Customer's Electric Service Agreement.

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04-AQLE-1065-RTS
 Approved
 Kansas Corporation Commission
 March 30, 2005
 /s/ Susan K. Duffy

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ENERGY COST ADJUSTMENT (ECA)

The Energy Cost Adjustment for purposes of this tariff shall be the ECA component of the Wholesale Cost of Power described above.

MINIMUM BILL

1. The minimum bill shall be based on a demand specified by Cooperative.
2. Where it is necessary to make an unusual extension, reinforce delivery system lines, upgrade or replace existing substations or if in the judgment of Cooperative the revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, Cooperative may require an adequate minimum bill and establish a contract billing demand to be used in the determination of demand charges, calculated upon reasonable considerations before undertaking to supply the service. In such cases, the customer shall enter into a service agreement with Cooperative as to the character, amount and duration of the business offered.

BILLING DEMAND

The billing demand established for a customer shall be the Customer's kilowatt load coincident with the wholesale power supplier's peak for billing purposes.

POWER FACTOR

The average power factor, expressed to the nearest percent, shall be determined by metering designed to prevent reverse registration. Eighty-five percent (85%) lagging shall be considered the baseline power factor. If the average power factor is determined to be below eighty-five percent (85%) for any given month, an additional charge of \$0.03 per kilowatt of measured demand for every whole percent less than eighty-five percent (85%) will be added to the monthly bill. If the average power factor is determined to be between eighty-five percent (85%) and one hundred percent (100%) for any month a credit of \$0.03 per kilowatt of measured demand for every whole percent above eighty-five percent (85%) will be added to the monthly bill.

DELAYED PAYMENT

As per Schedule DPC.

SERVICE TERM

Not less than one (1) year, or such term as may be specified for a line extension, in accordance with the Agreement for Electric Service ("Service Agreement").

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

04-AQLE-1065-RTS
Approved
Kansas Corporation Commission
March 30, 2005
/s/ Susan K. Duffy

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 17

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-STR

WESTERN DIVISION

Replacing Schedule 01-STR Sheet 3
Which was filed March 18, 2005

(Territory to which schedule is applicable)
No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 3 of 3 Sheets

TERMS AND CONDITIONS

The rights and obligations of Cooperative and Customer shall be governed by the Service Agreement. In the event that any provision, term or condition of the Service Agreement is in conflict with or otherwise differs from any provision of the Service Schedules or the General Terms and Conditions for Service or Cooperative's Pricing Schedules, the provision, term or condition of the Service Agreement shall prevail.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

04-AQLE-1065-RTS
Approved
Kansas Corporation Commission
March 30, 2005
/S/ Susan K. Duffy

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. _____

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 04-M-I

(Name of Issuing Utility)

Replacing Schedule 01-M-I Sheet 1

WESTERN DIVISION

Which was filed March 18, 2005

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown herein.

Sheet 1 of 1 Sheets

MUNICIPAL SERVICE

CHARACTER OF SERVICE

115 volts (or 115/230 volt), single phase, 60 cycle, alternating current.

AVAILABILITY

This schedule is available for the use of the municipality only, for all lighting purposes in city buildings, shelter houses, shops, traffic lights and so forth operated by the municipality but not including street lighting.

Sports field may be lighted under this schedule but the Cooperative will not be required to furnish transformers for sports field lighting.

NET MONTHLY BILL

Customer Charge

\$10.96 per meter per month

Winter

Summer

Bills November 1 to June 30 inclusive

Bills July 1 to October 31 inclusive

Delivery Charge

All kWh per month

\$0.08327 per kWh

\$0.09127 per kWh

Minimum

The minimum bill shall be the Customer Charge.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

TERM OF PAYMENT

As per Schedule DPC.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued Month Day Year

Effective Upon Commission Approval Month Day Year

By Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-WP

Replacing Schedule 01-WP Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)
No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

WATER PUMPING SERVICE

AVAILABILITY

This schedule is available for municipal water pumping service.

NET MONTHLY BILL

Customer Charge

\$16.21 per meter per month

Delivery Charge

\$0.0878009990 per kWh for kWh on bills dated November 1 October 16th to June 30 14th,
inclusive.
\$0.0958010790 per kWh for kWh on bills dated July 1 June 15th to October 31 15th, inclusive.

Minimum

The minimum shall be the Customer Charge.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

TERMS OF PAYMENT

As per Schedule DPC.

PRIMARY DISCOUNT

At the option of the customer there will be a discount of 2% on all monthly bills, excluding the Energy Cost Adjustment Clause, provided service is rendered and metered at primary voltage and the customer furnishes and maintains all necessary transformation beyond the point of metering.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval _____
Month Day Year

By _____
Signature Title

Issued

Month Day Year

Effective Upon Commission Approval

Month Day Year

By

Signature

Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 20

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-IP-I

Replacing Schedule 01-IP-I Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

IRRIGATION SERVICE

AVAILABILITY

This schedule is available for irrigation power only. Service under this schedule shall be under contract for an initial period of five years and from year to year thereafter.

CHARACTER OF SERVICE

Alternating current, 60 cycle, 230 volt, 3 phase. Where only single phase service is available, motors of less than ten (10) horsepower may be connected if in the judgment of the Cooperative such service can be rendered without unduly affecting existing service. Not more than one (1) irrigation connection shall be made on any single phase extension.

NET MONTHLY BILL

Demand Charge

Per horsepower contracted per year _____ \$34.00/month \$3.33
(nameplate rating)

plus

Delivery Charge

For all bills dated
November 1 June 15th through June 30 October 15th inclusive, per kWh \$0.0723408596

For all bills dated
July 1 October 16th through October 31 June 14th inclusive, per kWh \$0.0803407796

MINIMUM CHARGE

\$34.00 \$3.33 per horsepower contracted per year/month, which is the Demand charge, plus extension charge, if any. (Minimum charge does not include the delivery charge).

CONTRACT MINIMUM

Ten (10) horsepower

Issued _____

Month Day Year

Effective _____

Month Day Year

By _____

Signature Title

Issued _____
Month Day Year

Effective Upon Commission Approval _____
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 20

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-IP-1

Replacing Schedule 01-IP-1 Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

EXTENSION POLICY

Where the cost of extending service to the irrigation customer exceeds \$50.00 per horsepower contracted, the customer will pay in addition to the "minimum charge" set forth above an additional annual minimum charge equal to twenty-one percent (21%) per year of the added investment in such facilities.

PAYMENT

Minimum charges shall be payable _____ 50% April 1
_____ 25% May 1
_____ 25% June 1

DELAYED PAYMENT

As per Schedule DPC.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 21

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-CS

Replacing Schedule 01-CS-9 Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)
No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

TEMPORARY SERVICE

AVAILABILITY

This schedule is available for fairs, carnivals, picnics, and other purposes where service is required for temporary service.

NET MONTHLY BILL

Delivery Charge

\$~~0.47936~~19017 per kWh used, plus an amount equal to all the costs of installing and removing equipment to render service.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

CONNECTION CHARGE

Where the Cooperative deems it advisable the customer will advance the amount of estimated costs of installing and removing said equipment plus the estimated cost of current which will be consumed. Any amount advanced over and above the estimated cost will be refunded to the customer and the customer will pay any amount that may be deficient.

TERMS OF PAYMENT

As per Schedule DPC.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 22

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0911-ECA

WESTERN DIVISION

Replacing Schedule 0411-ECA Sheet 1
Which was filed March 18, 2005

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE 0911-ECA
ENERGY COST ADJUSTMENT

APPLICABLE

Applicable per the provisions of the Cooperative's electric rate schedules.

COMPUTATION FORMULA

The rates for energy to which this adjustment is applicable will be increased or decreased by 0.001¢ per kilowatt-hour (kWh) for each 0.001¢ (or major fraction thereof) increase or decrease in the aggregate cost of energy per kWh as computed by the following formula:

$$\frac{C}{S} - B = \text{Adjustment}$$

Where:

C = The actual cost of purchased power and energy for rates subject to the Energy Cost Adjustment, Account No. 555, for the latest month for which data is available.

S = Actual sales in kWh for the same month for rates subject to the Energy Cost Adjustment.

B = Actual energy costs (purchased power and energy) in ¢/kWh sold for rates subject to the Power Cost Adjustment during the base period. This base is 7.4843127¢/kWh sold, as established during the base period of January 1 through December 31, 20092010.

FREQUENCY OF COMPUTATION

This adjustment amount will be computed once each month.

SETTLEMENT PROVISION

Subsequent to the effective date of this clause, the Cooperative will maintain a continuing monthly comparison of the actual increased (decreased) cost of purchased energy as shown on the books and records of the Cooperative and the increased (decreased) dollar cost of purchased power recovered from customers.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 22

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 09-11-ECA

Replacing Schedule 04-11-ECA Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

For each twelve-month billing period ending at the close of December, the cumulative difference of the monthly comparisons for the twelve-month billing period under consideration will be added to the "actual cost remainder" described below to produce a cumulative balance. The "settlement factor" will then be calculated by dividing the cumulative balance as of that date by the total number of kWh deliveries during the twelve-month period ending on that date. This amount will be rounded to the nearest 0.001¢/kWh to determine the increase or decrease which should be made to the energy cost adjustment. This "settlement factor" will remain in effect until superseded by a subsequent "settlement factor" calculated according to this provision.

The amounts collected or returned under this "settlement factor" for each twelve-month period will be compared with the cumulative balance, as described above. Any resulting overage or underage, which will be known as the "actual cost remainder," will be applied to the next subsequent twelve-month cumulative balance for the purpose of calculating the next subsequent "settlement factor."

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-PGS

Replacing Schedule 01-PGS Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

PARALLEL GENERATION SERVICE

AVAILABLE

Electric service is available under this schedule at points on the Cooperative's distribution system.

APPLICABLE

To Residential or General Service customers who contract for service supplied at one (1) point of delivery where part of all of the electrical requirements, as defined in the Definitions and Conditions section, of the customer can be supplied from customer owned generation sources, and where such sources are connected for parallel operation of the customer's system with the Cooperative's system. Customer sources may include but are not limited to windmills, water wheels, solar conversion and geothermal devices.

Prior to commencement of service, a contract for service shall be entered into, specifying the maximum kW load the Cooperative is to supply and setting out the type and size of electric generating facilities, the type of protective relay equipment, and other technical and safety aspects of parallel operation.

The schedule is not applicable to resale or redistribution of electric service.

CHARACTER OF SERVICE

Service shall be alternating current 60 cycles, at the voltage and phase of the Cooperative's existing distribution system having capacity of receiving the customer's excess power.

NET MONTH BILL

Rate

1. For capacity and energy supplied by the Cooperative to Customer, the Cooperative's rate schedules and terms and conditions normally applicable to the customer absent parallel generation shall apply.
2. For capacity and energy supplied by Customer to the Cooperative, the Cooperative shall pay:

One hundred percent (100%) of the average system cost of power^a per kWh multiplied by the kWh supplied by the Customer

^a This calculation shall be based on the monthly cost formula included in the Energy Cost Adjustment clause.

Minimum Bill

The minimum bill shall be the same as in the tariff under which service is received.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 23

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0411-PGS

Replacing Schedule 01-PGS Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

DEFINITIONS AND CONDITIONS

1. The Cooperative will supply, own and maintain all necessary meters and associated equipment utilized for billing. In addition, and for purposes of monitoring customer generation and load, Cooperative may install at its expense, load research metering. The customer shall supply, at no expense to the Cooperative, a suitable location for meters and associated equipment used for billing and for load research.
2. The Cooperative shall have the right to require the customer, at certain times and as electrical operating conditions warrant, to limit the production of electrical energy from the generating facility to an amount no greater than the load at the customer's facility of which the generating facility is a part.
3. The Cooperative will install, own and maintain a disconnecting device located near the electric meter or meters. Interconnection facilities shall be accessible at all times to Cooperative personnel.
4. The customer shall furnish, install, operate and maintain in good order and repair, and without cost to the Cooperative, such relays, locks and seals, breakers, automatic synchronizer, and other control and protective apparatus as shall be designated by the Cooperative as being required as suitable for the operation of the generator in parallel with the Cooperative's system.
5. The customer shall be required to reimburse the Cooperative for any equipment or facilities required as a result of the installation by the customer of generation in parallel with the Cooperative service.
6. The customer shall notify the Cooperative prior to the initial energizing and start-up testing of the customer-owned generator, and the Cooperative shall have the right to have a representative present at said test.
7. The customer's equipment shall not produce electrical energy with a third harmonic content greater than ten percent (10%) nor a fifth harmonic content greater than five percent (5%) or cause measurable interference with neighboring customers.
8. This schedule is available to residential customers providing electric energy and capacity to the Cooperative from small power production facilities with a design capacity of twenty-five (25) kilowatts (kW) or less, where part or all of the electrical requirements of the customer can be supplied from such customer-owned capacity; and is available to non-residential customers providing electric energy and capacity to Cooperative from small power production facilities with a design capacity of one hundred (100) kW or less, where part or all of the electrical requirements of the customer can be supplied from such customer-owned capacity.
9. Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.
10. All provisions of this rate schedule are subject to changes made by order of the regulatory authority having jurisdiction.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 24

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0911-LAC

Original Schedule _____ Sheet 1

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

LOCAL ACCESS DELIVERY SERVICE

AVAILABLE

Entire Service Area.

APPLICABLE

For delivery to wholesale (sales for resale) customers over MKEC's 34.5 kV (or other available lower primary voltage) subtransmission/distribution system.

CHARACTER OF SERVICE

Alternating current, 60 cycle, three phase, 34.5 kV or other available lower primary voltage.

MONTHLY RATE

Demand Charge @ \$1.4403 per kW.

MONTHLY BILLING DEMAND

Monthly Billing Demand shall be defined as the Customer's demand as measured at the low side of the delivery point substation.

LOSSES

Real Power Losses are associated with all Local Access Delivery service. The Local Access Delivery customer is responsible for replacing losses associated with all transmission service as calculated by MKEC or paying MKEC for the Real Power Losses at MKEC's wholesale rate. The applicable Real Power Loss factor for the entire service area is as follows:

LOSS FACTORS

Demand	
Annual	2.47 percent of annual demand as measured at delivery point.
Monthly	2.08 percent of monthly demand as measured at delivery point.
Energy	1.39 percent of energy as measured at delivery point.

DELAYED PAYMENT

As per schedule DPC.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 24

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 0911-LAC

Original Schedule _____ Sheet 2

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

**Exhibit __ (RJM-WE-10) -
Proposed Rate Schedules**

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. _____

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule:

Replacing Schedule _ Sheet
Which was filed

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet of Sheets

Copies of the official tariff sheets are available at offices providing service under the tariffs, and at the governing state or national commission offices. The information available here attempts to be materially the same, but should there be any discrepancies, in all cases the official tariffs on file with the governing commission will hold over these documents.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: General Rate Index

Replacing Schedule General Rate Index Sheet 1
 Which was filed April 1, 2007

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
 shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

GENERAL RATE INDEX

<u>DESCRIPTION</u>	<u>SCHEDULE</u>	<u>INDEX NO.</u>
General Rate Index	General Rate Index	1
Residential	11-RS	2
Held For Future Use	N/A	3
General Service-Small	11-GSS	4
General Service-Large	11-GSL	5
Industrial Service	11-IS	7
Industrial Service, Interruptible	11-INT	8
Private Area/Street Lighting	11-PAL-SL-I	12
Decorative Security Lighting	11-DOL-I	13
Private Area Lighting (Frozen)	11-PAL-I	14
Street Lighting, Ornamental Vapor (Frozen)	11-OSL-V-I	16
Sub-Transmission and Transmission Service	11-STR	17
Water Pumping, Municipal	11-WP	19
Irrigation Service	11-IP-I	20
Temporary Service	11-CS-9	21
Energy Cost Adjustment	11-ECA	22
Parallel Generation Service	114-PGS	23
Local Access Delivery Service	11-LAC	24

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: General Rate Index

Replacing Schedule General Rate Index Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

No supplement or separate understanding
 shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

GENERAL RATE INDEX
CANCELLED SCHEDULES

<u>DESCRIPTION</u>	<u>SCHEDULE</u>	<u>CANCELLED</u>
Street Lighting Service – Ornamental System	92-OSL-25	August 1, 2001
Sports Field Lighting	01-SFL-I	January 7, 2002
Green Power	01-GP	January 2002
Street Lighting (Frozen)	04-SL-I	June 5, 2009
Voluntary Load Reduction Rider	04-VLR	June 5, 2009
Economic Development Rider (Frozen).....	04-EDR	June 5, 2009
General Service-Space Heating	04-Rider No. 1	November 10, 2011
Real-Time Price Program	04-RTP	November 10, 2011
Municipal Service (Moved to 11-GSS)	04-M-I	November 10, 2011

Issued _____
 Month Day Year

Effective _____
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-RS

Replacing Schedule 01-RS Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

RESIDENTIAL SERVICE

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service supplied through one (1) meter for residential purposes.

Where a business, professional or other gainful enterprise is conducted in or on a residential premise, this schedule shall be applicable only to the separately metered service for residential purpose.

CHARACTER OF SERVICE

Alternating current, 60 cycle, single phase, 115 or 115/230 volts.

NET MONTHLY BILL

	<u>RESIDENTIAL GENERAL USE</u>	<u>RESIDENTIAL SPACE HEATING</u>
<u>Customer Charge</u>	\$10.00 per meter per month.	\$10.00 per meter per month.
<u>Delivery Charge</u>		
Summer (Jun 15 th to Oct 15 th)		
All kWh	\$0.10417 per kWh.	\$0.10417 per kWh.
Winter (Oct 16 th to Jun 14 th)		
0 – 800 kWh	\$0.09617 per kWh.	\$0.09617 per kWh.
801 – 5800 kWh	\$0.09617 per kWh.	\$0.07373 per kWh.
5801 kWh and above	\$0.09617 per kWh.	\$0.09617 per kWh.

Minimum

The minimum bill shall be the customer charge.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

Issued _____
 Month Day Year

Effective _____
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-RS

Replacing Schedule 01-RS Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

DEFINITION OF SUMMER AND WINTER BILLING PERIODS

The summer billing period includes all bills dated June 15th to October 15th, inclusive. The winter billing period includes all bills dated October 16th to June 14th, inclusive.

SPACE HEATING

If the customer permanently installs and uses in his residence equipment for electric space heating of not less than three (3) kilowatt capacity, and has so informed the Cooperative in writing, all kWh used on winter bills shall be at the rates shown in the Net Monthly Bill section, above.

DELAYED PAYMENT

As per schedule DPC.

RECONNECTION CHARGE

In the event a customer orders a disconnection and reconnection of service at the same premises within a period of twelve (12) months, The Cooperative may collect as a reconnection charge the sum of such minimum bills as would have accrued during the period of disconnection.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 3

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: N/A

Replacing Schedule N/A Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

HELD FOR FUTURE USE

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-GSS

Replacing Schedule 01-GSS Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

GENERAL SERVICE SMALL

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service of a single character supplied at one (1) point of delivery and used for general business or commercial purposes, institutions, public or private, and purpose for which no specific rate schedule is provided. This rate is applicable to service of less than ten (10) kW of Demand. If a demand of ten (10) kW or over is reached during a twelve (12) month period, service will be changed to the GSL Rate. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; single phase, 115 or 115/230 volt; three phase, 3 wire, 230 volt; three phase, 4 wire, 115/230 volt.

NET MONTHLY BILL

Customer Charge

\$13.00 per meter per month.

Delivery Charge

	<u>Winter</u> Bills October 16th to June 14th inclusive	<u>Summer</u> Bills June 15th to October 15th inclusive
All kWh per month	\$0.08500 per kWh	\$0.09300 per kWh

Minimum

The minimum bill shall be the customer charge.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-GSS

Replacing Schedules 01-GSS Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

Customer's average kilowatt load during the fifteen (15) minute period of maximum use during the month.

DELAYED PAYMENT

As per Schedule DPC.

CONTRACT PERIOD

Not less than one (1) year for single phase service in excess of ten (10) kW demand and for all three phase service, in accordance with Agreement for Electric Service by the Cooperative.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

<p>Issued _____ Month Day Year</p> <p>Effective _____ Month Day Year</p> <p>By _____ Signature Title</p>	
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MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 11-GSL

Replacing Schedule 01-GSL Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

Sheet 1 of 2 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

GENERAL SERVICE LARGE

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service of a single character supplied at one (1) point of delivery and used for general business or commercial purposes, institutions, public or private, and purpose for which no specific rate schedule is provided. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service. This rate is applicable to service of ten (10) kW of Demand and over.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; single phase, 115 or 115/230 volt; three phase, 3 wire, 230 volt; three phase, 4 wire, 115/230 volt.

NET MONTHLY BILL

Customer Charge

\$21.50 per meter per month.

	<u>Winter</u> Bills October 16th to June 14th inclusive	<u>Summer</u> Bills June 15th to October 15th inclusive
<u>Demand Charge</u> Per kW over 9	\$9.50 per month	\$11.50 per month
<u>Delivery Charge</u> All kWh per month	\$0.07538 per kWh	\$0.07538 per kWh

Minimum

The minimum bill shall be the customer charge plus \$9.00 for each kW over nine (9) kW of the highest demand during the twelve (12) months ending currently.

Issued _____
 Month Day Year

Effective _____
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-GSL

Replacing Schedule 01-GSL Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

Customer's average kilowatt load during the fifteen (15) minute period of maximum use during the month.

POWER FACTOR

If the average power factor for the month (determined at the option of the Cooperative by permanent measurement or by test under normal operating conditions) is less than eighty-five percent (85%), the demand will be adjusted by multiplying by eighty-five percent (85%) and dividing by the average power factor expressed in percent.

PRIMARY SERVICE DISCOUNT

The rate provision of the net monthly bill excluding the Energy Cost Adjustment Clause will be discounted two percent (2%) if all service is delivered and metered at a primary distribution voltage of 4160 volts or higher and customer owns and maintains all necessary transformation equipment and substation.

DELAYED PAYMENT

As per Schedule DPC.

CONTRACT PERIOD

Not less than one (1) year for single phase service in excess of nine (9) kW demand and for all three phase service, in accordance with Agreement for Electric Service by the Cooperative.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-IS

Replacing Schedule 01-IS Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 1 of 2 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

INDUSTRIAL SERVICE

AVAILABLE

Entire Service Area.

APPLICABLE

To all electric service of a single character supplied at one (1) point of delivery and used for industrial or manufacturing purposes in which a product is produced or processed and from which point the end product does not normally reach the ultimate consumer. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; at any one standard voltage required by customer as described in Cooperative's Standards for Electric Service.

NET MONTHLY BILL

Customer charge

\$100.62 per meter per month

Winter
 Bills October 16th
 to June 14th inclusive

Summer
 Bills June 15th to
 October 15th inclusive

Demand Charge

Per kW over 9

\$11.00 per month

\$13.00 per month

Delivery Charge

All kWh per month

\$0.06083 per kWh

\$0.06083 per kWh

Minimum

1. The Demand Charge
2. Where it is necessary to make unusual extension or to reinforce distribution lines to provide service such that in the judgment of the Cooperative, revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, The Cooperative may require an adequate minimum bill calculated upon reasonable considerations before undertaking to supply the service.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-IS

Replacing Schedule 01-IS Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

The Kansas Corporation Commission must approve minimum bills thus determined. In such cases, the consumer shall enter into a written contract with the Cooperative as to the character, amount and duration of the business offered.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

Customer's average kilowatt load during the fifteen (15) minute period of maximum use during the month, but not less than seventy-five percent (75%) of highest demand in previous eleven (11) months nor less than fifty (50) kilowatts.

POWER FACTOR

If the average power factor for the month (determined at the option of the Cooperative by permanent measurement or by test under normal operating conditions) is less than eighty-five percent (85%), the demand will be adjusted by multiplying by eighty-five percent (85%) and dividing by the average power factor expressed in percent.

PRIMARY SERVICE DISCOUNT

The rate provision of the net monthly bill excluding the energy cost adjustment clause will be discounted two percent (2%) if all service is delivered and metered at a primary distribution voltage of 4160 volts or higher and customer owns and maintains all necessary transformation equipment and substation.

DELAYED PAYMENT

As per Schedule DPC.

CONTRACT PERIOD

Not less than one (1) year, or such term as may be specified for a line extension, in accordance with the Agreement for Electric Service.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____ <small>Month Day Year</small>	
Effective _____ <small>Month Day Year</small>	
By _____ <small>Signature Title</small>	

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 11-INT

Replacing Schedule 01-INT Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 4 Sheets

INTERRUPTIBLE INDUSTRIAL SERVICE

AVAILABLE

In all rate areas, with the Cooperative reserving the right to remove this rate schedule or modify it in any manner, subject to Kansas Corporation Commission approval. The Cooperative reserves the right to limit the number and amount of the contracts of kW demand to a total load for interruption of five thousand (5,000) kW demand under this rate.

APPLICABLE

The customer must be presently eligible for the IS rate and complete a written application to the Cooperative. Customer must dedicate by contract agreement at least two hundred (200) kW to interruption at any time and designate when applicable a desired kW portion to be billed on the non-interruptible basis. Customer must furnish the Cooperative with the names of a primary and secondary designated representative, one of which can be contacted twenty-four (24) hours a day.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; at any one standard voltage required by customer as described in Cooperative's Standards for Electric Service.

NET MONTHLY BILL

Customer Charge

\$100.62 per meter per month

Winter
 Bills October 16th
 to June 14th inclusive

Summer
 Bills June 15th to
 October 15th inclusive

Demand Charge

Non-Interruptible

All kW of billing demand	\$11.00 per month	\$13.00 per month
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Interruptible

All kW of billing demand	\$6.90 per month	\$6.90 per month
--------------------------	------------------	------------------

Penalty

All kW of billing demand	\$31.24 per month	\$31.24 per month
--------------------------	-------------------	-------------------

Delivery Charge

All kWh per month	\$0.05644 per kWh	\$0.05644 per kWh
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Issued _____
 Month Day Year

Effective _____
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 11-INT

Replacing Schedule 01-INT Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 4 Sheets

Minimum

1. The Demand Charge
2. Where it is necessary to make an unusual extension or to reinforce distribution lines to provide service such that in the judgment of the Cooperative the revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, the Cooperative may require an adequate minimum bill calculated upon reasonable considerations before undertaking to supply the service. The Kansas Corporation Commission must approve minimum bills thus determined. In such cases, the consumer shall enter into a written contract with the Cooperative as to the character, amount and duration of the business offered.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

DEMAND

- A. Non-Interruptible: The amount of kW required and designated by contractual agreement not to be interrupted.
- B. Penalty: The customer's average kilowatt load during the fifteen (15) minute period of maximum use during any interruptible period during the month less the kW billed under Part A of this section.
- C. Interruptible: The customer's average kilowatt load during the fifteen (15) minute period of maximum use during any non-interruptible period during the month less the kW billed under Parts A & B of this section; but not less than seventy-five percent (75%) of the highest demand (add Parts A, B. & C) in the previous eleven (11) months nor less than two hundred (200) kilowatts (add parts B & C).

POWER FACTOR

If the average power factor for the month (determined at the option of the Cooperative by permanent measurement or by test under normal operating conditions) is less than eighty-five percent (85%), the demand will be adjusted by multiplying by eighty-five percent (85%) and dividing by the average power factor expressed in percent.

Issued _____ <div style="display: flex; justify-content: space-around; font-size: small;"> Month Day Year </div>	
Effective _____ <div style="display: flex; justify-content: space-around; font-size: small;"> Month Day Year </div>	
By _____ <div style="display: flex; justify-content: space-around; font-size: small;"> Signature Title </div>	

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-INT

Replacing Schedule 01-INT Sheet 3
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 3 of 4 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

PRIMARY SERVICE DISCOUNT

The rate provision of the net monthly bill excluding the energy cost adjustment clause will be discounted two percent (2%) if all service is delivered and metered at a primary distribution voltage of 4160 volts or higher and customer owns and maintains all necessary transformation equipment and substation.

CONTRACT PERIOD

Not less than one (1) year, or such term as may be specified for a line extension, in accordance with the Agreement for Electric Service. Six (6) months written notice, except upon the following occurrence, must be given by customer to the Cooperative before customer may change from this rate schedule to another applicable rate schedule. The customer will automatically default by placing twenty-five percent (25%) or more of its contracted interruptible demand on Cooperative system during a declared interruptible period in each of any two (2) calendar months out of a rolling twelve (12) calendar month period. The customer shall pay all applicable charges under this tariff and then transfer to another rate schedules for the following billing month. Customer may reapply for interruptible service on June 1st of the calendar year following the occurrence of default.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

1. Application/Placement on Rate: Rate applicant will be placed on a list in the order in which they make requests. Applicants will be placed on the rate as soon as the necessary facilities are in place and approved by the Cooperative.

Note: For the purpose of this rate, the loads used in the cumulative total will be determined by Cooperative on an expected value basis using actual meter data indicative of loads which can be interrupted during the hours of 11 a.m. and 11 p.m., from June 15th to September 15th.

2. Interruptions: Notice: The Cooperative may interrupt the interruptible portion of service under this schedule at any time with at least two (2) hours advance notice. While additional advance notice is not required, the Cooperative will endeavor to give customer twenty-four (24) hours prior notice when possible.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-INT

Replacing Schedule 01-INT Sheet 4
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 4 of 4 Sheets

Period of Interruption: A period of interruption is a time interval, of either a four (4) or eight (8) hour increment, as communicated to the customer's designated representative by Cooperative designated representative. Time intervals may extend over consecutive periods with each having a two (2) hours minimum notice.

Duration of Interruption: It is further understood and agreed that service to the customer shall be interrupted when, in the opinion of Cooperative System Operator, continued service would contribute to the establishment of a predetermined Cooperative system peak load and during any system emergency such as a sudden loss of generation or transmission or other situations when reduction in load on Cooperative system is required. The interruption of service shall continue until conditions causing interruptions have been cleared.

3. Responsibility: The customer will be responsible for monitoring his load in order to comply with the terms of the contract and provisions of this service schedule.

The Cooperative shall purchase and install an electronic meter relay which shall provide the customer with an instantaneous, visual monitor of its demand.

4. Liability: The Cooperative shall have no liability to the customer or any other person, firm, or corporation for any loss, damage, or injury by reason of any interruption or curtailment as provided herein.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-PAL-SL-I

Replacing Schedule 01-PAL-SL-I Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 1 of 5 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

PRIVATE AREA/STREET LIGHTING

AVAILABILITY

To any customer with existing or new pole(s) for lighting of outdoor areas on a dusk to dawn, photo-controlled, unmetered basis from the Cooperative existing distribution system.

NET MONTHLY RATE

For supply of controlled electricity, installation and maintenance of a light fixture(s), pole and lamp renewal as required.

See Unmetered Facilities Table.

Plus

(1) Customer will be responsible for any underground circuits or special wiring not included in the Unmetered Facilities Table.

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

SPECIAL TERMS AND CONDITIONS

A. The following terms and conditions are intended to apply generally and in the absence of any Kansas Corporation Commission approved contractual agreement between the customer and the Cooperative.

1. Standard fixtures available for installation hereunder shall be determined by the Cooperative on the basis of their quality, capital costs, maintenance costs, availability, customer acceptance and other factors. Fixtures furnished in providing this service will be assigned by reference to manufacturer's symbols in the customer's contract for leased lighting.

2. Lamps shall be controlled by a photoelectric controller providing dusk to dawn service.

<p>Issued _____ Month Day Year</p> <p>Effective _____ Month Day Year</p> <p>By _____ Signature Title</p>	
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MID-KANSAS ELECTRIC COMPANY, LLC

(Name of Issuing Utility)

Schedule: 11-PAL-SL-I

Replacing Schedule 01-PAL-SL-I Sheet 2

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 5 Sheets

3. Maintenance of the Cooperative-owned lamp equipment and lamp renewals are performed during normal working hours within a reasonable period following notification by the customer of the need for such service. Glassware is cleaned only at the time of such maintenance. Permission is given Cooperative to enter the customer's premises at all reasonable times for the purpose of inspecting and maintaining its equipment.

4. The customer is responsible for all damages to, or loss of, the Cooperative's property located on his property unless occasioned by Cooperative negligence or by any cause beyond control of the customer.

5. It shall be the customer's responsibility to notify the Cooperative when the lighting system is not working on the customer's premises.

6. The customer will be assessed a special fee if he/she should request an existing fixture be replaced with a high-pressure sodium fixture of equivalent lumen output. This fee is to cover the unamortized cost of the existing fixture, and will be determined at the time of request.

7. The customer will provide the Cooperative, free of charge, the necessary permits, rights of way and excavations or paving cuts necessary for installation and operation of area lighting units.

8. The Cooperative will own, maintain and operate all controlled area lighting equipment and service facilities. Line extensions to serve the area light(s) must be made in accordance with the Cooperative's line extension policy currently on file with the Kansas Corporation Commission.

9. The Cooperative will attempt, circumstances permitting, to service and maintain the equipment within a reasonable length of time from the time the Cooperative is notified of a maintenance requirement. The Cooperative assumes no responsibility for patrolling such equipment to determine when maintenance is needed. However, it is the customer's responsibility to detect and report failures and malfunctions to the Cooperative and, when such failures are due to vandalism, mischief or a violation of traffic laws or other ordinances, to assist the Cooperative in identifying the responsible party.

10. The standard material calculated in the rate for steel street lighting is a thirty (30) foot direct buried pole. The Cooperative will offer larger size poles with or without a breakaway base at the additional cost to be paid by the customer.

Issued _____
Month Day Year

Effective _____
Month Day Year

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Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-PAL-SL-I

Replacing Schedule 01-PAL-SL-I Sheet 3
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 3 of 5 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

B. Special Systems: The Cooperative will provide underground wiring, ornamental poles and other special systems as costs are applicable. The Cooperative reserves the right to approve or disapprove any special system so requested.

C. Relocation of Fixtures: The Cooperative will relocate a Cooperative-owned street lighting pole or standard at the customer's expense if located on private R.W., if on Public R.W., the law of the State of Kansas will govern.

D. Upgrade of Existing Fixtures: The Cooperative shall, upon the request of the customer, upgrade existing street lighting units to provide higher levels of illumination under the following conditions:

1. The existing units must have been in place five (5) or more years.

2. The Cooperative shall replace at the specified option under the rate table for existing Cooperative-owned luminaries and brackets with similar equipment providing higher lumen ratings. The appropriate rates for the fixtures with higher illumination will apply.

E. Disconnection: When a customer requests that a street lighting unit be disconnected before five (5) years have elapsed since the date of installation, the Cooperative may require the customer to reimburse the Cooperative for the life of the value of the street lighting facilities removed plus the cost of removal less the salvage value thereof.

SPECIAL PROVISIONS

A. Residential Subdivision Street Lighting

The Cooperative will furnish, erect, operate and maintain all necessary equipment in accordance with its standard specifications. It is the responsibility of Home Builder's Association or unincorporated communities to pay monthly charges as per terms and conditions of the contract.

In the event when Home Builder's Association, unincorporated communities or any other residential associations or governing group dissolve, the customers related to those lighting areas shall equally share the monthly charges as established as per terms and conditions of the contract.

Issued _____ Month Day Year	
Effective _____ Month Day Year	
By _____ Signature Title	

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-PAL-SL-I

Replacing Schedule 01-PAL-SL-I Sheet 4
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 4 of 5 Sheets

B. Cities, Municipalities and Governmental Agencies

This Part B does not apply to individual homeowners, Home Builder's Associations or any unincorporated agencies.

If due to any reasons cities, municipalities and governmental agencies decide to install Private Area/Street Lighting to meet their specifications and necessities, a special contract with the new rate will be issued by the Cooperative as dictated by franchise or special agreements. This shall at least cover the cost necessary to provide energy and maintenance of the Private Area/Street Lighting.

TERMINATING NOTICE

All service under this rate shall require a written notice ninety (90) or more days prior to termination by either party. If service is terminated, per customer request, before the two (2) year contract period elapses, the customer must pay the prorated balance of the contract amount. All or part of the payment requirement may be waived by the Cooperative if a successor, in effect, assumes payment responsibility for the predecessor's remaining contractual obligation by continuing Private Area/Street Lighting under Private Area/Street Lighting schedule PAL-SL-I.

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission and to the terms and conditions and applicable standard contract riders included in this electric rate schedule.

DELAYED PAYMENT

As per Schedule DPC.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 12

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 11-PAL-SL-I

(Name of Issuing Utility)

Replacing Schedule 01-PAL-SL-I Sheet 5

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding

shall modify the tariff as shown hereon.

Sheet 5 of 5 Sheets

MONTHLY RATE – UNMETERED FACILITIES TABLE

INVESTMENT OPTIONS

Style/Lamp	Lumens	Monthly kWh	INVESTMENT OPTIONS				
			A Cust-0% Coop.-100%	B* Cust-25% Coop.-75%	C* Cust-50% Coop.-50%	D* Cust-75% Coop.-25%	E Cust-100% Coop.-0%
PRIVATE AREA LIGHT							
<u>On Existing Pole</u>							
100W P.A.L.	7,920	40	\$8.18	-	-	-	\$3.18
150W P.A.L.	13,500	60	\$12.98	-	-	-	\$4.50
200W P.A.L.	22,000	80	\$14.64	-	-	-	\$5.62
<u>On New Pole (Wood)</u>							
100W P.A.L.	7,920	40	\$13.54	-	-	-	\$3.53
150W P.A.L.	13,500	60	\$15.10	-	-	-	\$4.63
200W P.A.L.	22,000	80	\$16.25	-	-	-	\$5.72
FLOOD LIGHTS							
<u>On Existing Pole</u>							
150W Flood	13,500	60	\$15.34	-	-	-	\$4.65
400W Flood	45,000	160	\$28.29	-	-	-	\$10.56
1000W Flood M.H.	110,000	402	\$42.22	-	-	-	\$24.99
<u>On New Pole (Wood)</u>							
150W Flood	13,500	60	\$17.29	-	-	-	\$4.79
400W Flood	45,000	160	\$30.23	-	-	-	\$10.69
1000W Flood M.H.	110,000	402	\$56.92	-	-	-	\$24.14
STREET LIGHT							
<u>On Existing Pole</u>							
100W P.A.L. Fixture	7,920	40	\$9.06	-	-	-	\$3.25
150W P.A.L. Fixture	13,500	60	\$10.71	-	-	-	\$4.34
200W P.A.L. Fixture	22,000	80	\$13.20	-	-	-	\$5.52
<u>On New Pole (Wood)</u>							
100W P.A.L. Fixture	7,920	40	\$13.54	-	-	-	\$3.53
150W P.A.L. Fixture	13,500	60	\$15.10	-	-	-	\$4.63
200W P.A.L. Fixture	22,000	80	\$16.25	-	-	-	\$5.72
STREET LIGHT							
<u>On Existing Pole</u>							
100W Cobra Head	7,920	40	\$9.06	-	-	-	\$3.25
150W Cobra Head	13,500	60	\$10.71	-	-	-	\$4.34
200W Cobra Head	22,000	80	\$13.20	-	-	-	\$5.52
250W Cobra Head	27,000	100	\$14.53	-	-	-	\$6.62
400W Cobra Head	45,000	160	\$17.82	-	-	-	\$9.85
<u>On New Pole (Wood)</u>							
100W Cobra Head	7,920	40	\$15.81	-	-	-	\$3.68
150W Cobra Head	13,500	60	\$17.06	-	-	-	\$4.78
200W Cobra Head	22,000	80	\$17.91	-	-	-	\$5.84
250W Cobra Head	27,000	100	\$19.95	-	-	-	\$7.29
400W Cobra Head	45,000	160	\$23.24	-	-	-	\$10.52
<u>On New Pole (Steel)</u>							
100W Cobra Head	7,920	40	\$24.60	-	-	-	\$4.28
150W Cobra Head	13,500	60	\$25.83	-	-	-	\$5.35
200W Cobra Head	22,000	80	\$27.34	-	-	-	\$6.46
250W Cobra Head	27,000	100	\$30.54	-	-	-	\$7.69
400W Cobra Head	45,000	160	\$33.80	-	-	-	\$10.91

* Investment Options B, C, and D are not available to new customers after 07/01/2001.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC

(Name of Issuing Utility)

Schedule: 11-DOL-I

Replacing Schedule 01-DOL-I Sheet 1

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 6 Sheets

SECURITY (DECORATIVE) LIGHTING SERVICE

AVAILABILITY

Available to individuals, municipalities or other governmental subdivisions, school districts, unincorporated communities and for lighting county streets, major highways and public grounds at secondary voltages.

Available for area lighting using street light equipment installed in accordance with the Cooperative street lighting standards, at the voltage and current of Cooperative's established distribution system for such service, for use in lighting private areas and grounds, for protective, safety and decorative purposes.

NET MONTHLY BILL

For supply of controlled electricity, installation and maintenance of a light fixture, pole and lamp renewal as required.

See Unmetered Facilities Table.

(1) Customer will be responsible for any underground circuits or special wiring not included in the Unmetered Facilities Table.

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

SPECIAL TERMS AND CONDITIONS

A. The following provisions are intended to apply generally and in the absence of any Kansas Corporation Commission approved contractual agreement between the customer and the Cooperative.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-DOL-I

Replacing Schedule 01-DOL-I Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 6 Sheets

1. Standard fixtures available for installation hereunder shall be determined by the Cooperative on the basis of their quality, capital costs, maintenance costs, availability, customer acceptance and other factors. Fixtures furnished in providing this service will be assigned by reference to manufacturer's symbols in the customer's contract for leased lighting.
2. Lamps shall be controlled by a photo-electric controller providing dusk to dawn service.
3. Maintenance of Cooperative-owned lamp equipment and lamp renewals are performed during normal working hours within a reasonable period following notification by the customer of the need for such service. Glassware is cleaned only at the time of such maintenance. Permission is given the Cooperative to enter the customer's premises at all reasonable times for the purpose of inspecting and maintaining its equipment.
4. Trenching of soft soil which extends beyond one hundred seventy-five (175) feet is subject to extra costs. Trenching cost of hard soil will be determined on an individual basis.
5. The customer is responsible for all damages to, or loss of, the Cooperative property located on his property unless occasioned by Cooperative negligence or by any cause beyond control of the customer.
6. It shall be the customer's responsibility to notify the Cooperative when the lighting system is not working on the customer's premises.
7. The customer will provide the Cooperative, free of charge, the necessary permits, rights of way and excavations or paving cuts necessary for installation and operation of area lighting units.
8. The Cooperative will own, maintain and operate all controlled area lighting equipment and service facilities. Line extensions to serve the area light(s) must be made in accordance with Cooperative's line extension policy currently on file with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-DOL-I

Replacing Schedule 01-DOL-I Sheet 3
Which was filed March 18, 2005

WESTERN DIVISION
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Sheet 3 of 6 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

9. The Cooperative will attempt, circumstances permitting, to service and maintain the equipment within a reasonable length of time from the time the Cooperative is notified of a maintenance requirement. The Cooperative assumes no responsibility for patrolling such equipment to determine when maintenance is needed. However, it is the customer's responsibility to detect and report failures and malfunctions to the Cooperative and, when such failures are due to vandalism, mischief or a violation of traffic laws or other ordinances, to assist the Cooperative in identifying the responsible party.

B. Special Systems: The Cooperative will provide underground wiring, ornamental poles and other special systems as costs are applicable. The Cooperative reserves the right to approve or disapprove any special system so requested.

C. Relocation of Fixtures: The Cooperative will relocate a Cooperative-owned street lighting pole or standard at the customer's expense if located on private R.W., if on Public R.W., the law of the State of Kansas will govern.

D. Upgrade of Existing Fixtures: The Cooperative shall, upon the request of the customer, upgrade existing street lighting units to provide higher levels of illumination under the following conditions:

1. The existing units must have been in place five (5) or more years.

2. The Cooperative shall replace at the specified option under the rate table for existing Cooperative-owned luminaries and brackets with similar equipment providing higher lumen ratings. The appropriate rates for the fixtures with higher illumination will apply.

E. Disconnection: When a customer requests that a street lighting unit be disconnected before five (5) years have elapsed since the date of installation, the Cooperative may require the customer to reimburse for the life of the value of the street lighting facilities removed plus the cost of removal less the salvage value thereof.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-DOL-I

Replacing Schedule 01-DOL-I Sheet 4
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 4 of 6 Sheets

SPECIAL PROVISIONS

A. Residential Subdivision Street Lighting

The Cooperative will furnish, erect, operate and maintain all necessary equipment in accordance with its standard specifications. It is the responsibility of Home Builder's Association or unincorporated communities to pay monthly charges as per terms and conditions of the contract.

In the event when Home Builder's Association, unincorporated communities or any other residential associations or governing group dissolve, the customers related to those lighting areas shall equally share the monthly charges as established as per terms and conditions of the contract.

B. Cities, Municipalities and Governmental Agencies

This Part B does not apply to individual home owners, Home Builder's Associations or any unincorporated agencies.

If due to any reasons cities, municipalities and governmental agencies decide to install Security (Decorative) Lighting Service to meet their specifications and necessities, a special contract with the new rate will be issued by the Cooperative as dictated by franchise or special agreements. This shall at least cover the cost necessary to provide energy and maintenance of the Security (Decorative) Lighting Service.

TERMINATING NOTICE

All service under this rate shall require a written notice ninety (90) or more days prior to termination by either party. If service is terminated, per customer request, before the two (2) year contract period elapses, the customer must pay the prorated balance of the contract amount. All or part of the payment requirement may be waived by the Cooperative if a successor, in effect, assumes payment responsibility for the predecessor's remaining contractual obligation by continuing Security (Decorative) Lighting under Security (Decorative) Lighting Service schedule DOL-I.

Issued _____
Month Day Year

Effective _____
Month Day Year

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Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-DOL-I

Replacing Schedule 01-DOL-I Sheet 5
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 5 of 6 Sheets

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission and to the terms and conditions and applicable standard contract riders included in this electric rate schedule.

DELAYED PAYMENT

As per Schedule DPC.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 11-DOL-I

(Name of Issuing Utility)

Replacing Schedule 01-DOL-I Sheet 6

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 6 of 6 Sheets

MONTHLY RATE – UNMETERED FACILITIES TABLE
INVESTMENT OPTIONS

Style/Lamp	Lumens	Monthly kWh	INVESTMENT OPTIONS				
			<u>A</u> Cust-0% Coop.-100%	<u>B*</u> Cust-25% Coop.-75%	<u>C*</u> Cust-50% Coop.-50%	<u>D*</u> Cust-75% Coop.-25%	<u>E</u> Cust-100% Coop.-0%
ACORN							
35W HPS	2,025	14	\$18.43	-	-	-	\$2.72
100W HPS	7,920	40	\$27.00	-	-	-	\$4.65
250W HPS	27,000	100	\$31.64	-	-	-	\$8.00
SINGLE GLOBE							
35W HPS	2,205	14	\$14.25	-	-	-	\$2.44
70W HPS	5,670	28	\$23.47	-	-	-	\$3.78
100W HPS	7,920	40	\$24.35	-	-	-	\$4.47
150W HPS	13,500	60	\$25.60	-	-	-	\$5.56
MULT GLOBE							
70W HPS (5)	28,350	140	\$62.28	-	-	-	\$12.82
100W HPS (5)	39,600	200	\$66.54	-	-	-	\$16.16
150W HPS (5)	67,500	300	\$72.94	-	-	-	\$21.65
LANTERN							
35W HPS	2,025	14	\$16.63	-	-	-	\$2.61
100W HPS	7,920	40	\$29.15	-	-	-	\$4.78
250W HPS	27,000	100	\$33.56	-	-	-	\$8.13
SHOEBOX							
100W HPS	7,920	40	\$34.04	-	-	-	\$5.11
250W HPS	27,000	100	\$38.32	-	-	-	\$8.45
400W HPS	45,000	160	\$42.19	-	-	-	\$11.93
800W HPS	90,000	320	\$58.71	-	-	-	\$21.00

* Investment Options B, C, and D are not available to new customers after 07/01/2001.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 11-PAL-I

Replacing Schedule 01-PAL-I Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

Sheet 1 of 3 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

CONTROLLED PRIVATE AREA LIGHTING
(FROZEN)

AVAILABILITY

To any customer for lighting of outdoor areas on a dusk to dawn, photo-controlled, unmetered basis from Cooperative's existing distribution system.

No additional lamps will be installed under this schedule after the effective date of September 26, 1994.

NET MONTHLY BILL

For supply of controlled electricity, installation and maintenance of mercury vapor light fixture with a four (4) foot bracket on an existing wood distribution pole and for lamp renewal as required for:

<u>Nominal Watt Rating</u>		<u>Monthly kWh</u>		<u>Mercury Vapor</u>		<u>High Pressure Sodium</u>	
<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>
175	100	63	40	\$ 9.18	\$110.16	\$ 8.30	\$ 99.60
400	200	151	80	\$17.75	\$213.00	\$14.78	\$177.36
400 (Flood)	150	151	60	\$19.32	\$231.84	\$15.61	\$187.32
1000 (Flood)	400	355	160	\$36.81	\$441.72	\$28.00	\$336.00

Plus

- 1) For each additional standard distribution pole, not longer than thirty-five (35) feet, required for such area lighting supply is \$1.42 per month.
- 2) For each one hundred (100) feet of overhead secondary circuit required is \$.53 per month.
- 3) Steel standards with maximum mounting height of thirty (30) feet and of the same type as used in street lighting will be furnished upon request provided the customer will be responsible for the placement of the concrete base and anchor bolts at the time of the installation and also for their removal upon termination of the leased lighting agreement. Monthly rental charge for each standard is \$6.73.
- 4) Customer will be responsible for any underground circuits or special wiring.

Issued _____
 Month Day Year

Effective _____
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-PAL-I

Replacing Schedule 01-PAL-I Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 3 Sheets

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

SPECIAL PROVISIONS

Contracts hereunder are subject to the following special provisions:

1. Standard fixtures available for installation hereunder shall be determined by the Cooperative on the basis of their quality, capital costs, maintenance costs, availability, customer acceptance and such factors. Fixtures furnished in providing this service will be assigned by reference to manufacturer's symbols in the customer's contract for leased lighting.
2. Lamps shall be controlled by a photo-electric controller providing dusk to dawn service.
3. Maintenance of Cooperative-owned lamp equipment and lamp renewals are performed during normal working hours within a reasonable period following notification by the customer of the need for such service, glassware is cleaned only at the time of such maintenance. Permission is given the Cooperative to enter the customer's premises at all reasonable times for the purpose of inspecting and maintaining its equipment.
4. The customer is responsible for all damages to, or loss of, Cooperative property located on his property unless occasioned by Cooperative negligence or by any cause beyond control of the customer.
5. The customer will be assessed a special fee if he/she should request an existing fixture be replaced with a high pressure sodium fixture of equivalent lumen output. This fee is to cover the unamortized cost of the existing fixture, and will be determined at the time of request.

TERM OF CONTRACT

An initial term of three (3) years and for repeating period of one (1) year thereafter until terminated by ninety (90) or more days prior written notice given by either part to the other.

Issued _____
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Effective _____
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Signature Title

THE STATE CORPORATION COMMISSION OF KANSAS

Index No. 14

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-PAL-I

Replacing Schedule 01-PAL-I Sheet 3
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 3 of 3 Sheets

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission and to the terms and conditions and applicable standard contract riders included in this electric rate schedule.

DELAYED PAYMENT

As per Schedule DPC.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 11-OSL-V-I

Replacing Schedule 01-OSL-V-I Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

Sheet 1 of 3 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

VAPOR STREET LIGHTING SYSTEM
ORNAMENTAL SYSTEM
 (FROZEN)

AVAILABILITY

This schedule is available to cities contracting for the operation of an ornamental street-lighting system, which system shall be owned, operated and maintained by the Cooperative.

No additional lamps will be installed under this schedule after the effective date of September 26, 1994.

NET MONTHLY BILL

For supply of controlled electricity, installation and maintenance of mercury vapor light fixture with a four (4) foot bracket on an existing wood distribution pole and for lamp renewal as required for:

<u>Nominal Watt Rating</u>		<u>Monthly kWh</u>		<u>Mercury Vapor</u>		<u>High Pressure Sodium</u>	
<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Mercury Vapor</u>	<u>High Pressure Sodium</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>	<u>Monthly Rate/Unit</u>	<u>Annual Rate/Unit</u>
175	100	63	40	\$10.06	\$120.72	\$ 9.06	\$108.72
250	150	95	60	\$12.46	\$149.52	\$10.71	\$128.52
400	200	151	80	\$16.31	\$195.72	\$13.20	\$158.40

Lamps will normally be controlled by a photo-cell operating lamp from dusk to dawn (approximately 4,000 hours per year). The above rates are to be billed in twelve (12) equal monthly installments based upon lamp size indicated. Lamps shall be enclosed in fixtures designated by the Cooperative and supported upon wood poles with up to six (6) foot mast arms. Mounting heights will be at levels recommended by unit manufacturer for proper light distribution.

ENERGY COST ADJUSTMENT

The energy used (kWh used by each fixture) is subject to the Energy Cost Adjustment Clause.

Issued _____
 Month Day Year

Effective _____
 Month Day Year

By _____
 Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-OSL-V-I

Replacing Schedule 01-OSL-V-I Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 2 of 3 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

SPECIAL TERMS AND CONDITIONS

(a) Service under this schedule is for lighting trafficways where the distance between units does not exceed one hundred seventy-five (175) feet and residential areas where spacing does not exceed three hundred (300) feet.

(b) Where lighting fixtures are to be mounted on ornamental metal poles, the annual charge shall be increased:

- \$18.96 per standard for mounting under 20 feet.
- \$28.56 per standard for mounting height over 20 feet but under 30 feet.
- \$36.24 per standard for mounting height over 30 feet.

(c) Where lighting fixture are to be mounted on standard mast arms over six (6) foot in length, the annual charge shall be increased \$11.64 per light fixture.

(d) Where lighting standards are located in lighted areas that regulation requires break away bases, the annual charge shall be increased \$20.04.

(e) Underground conductor for street lighting system shall be used only where required by the governing body and at the following schedule of added annual charges:

1. Extensions up to one hundred seventy-five (175) feet where no concrete or hard surface road material has to be cut to accommodate the underground circuit \$34.08 per lighting standard.
2. Extensions up to one hundred seventy-five (175) feet where concrete or hard surface material has to be cut and replaced to accommodate the underground circuit \$66.24 per lighting standard.

(f) Existing bridge or viaduct lighting which is in or contiguous to the district to be lighted under contract shall be served at the same annual rate except where the standard and luminaire are not furnished by the Cooperative, the annual charge shall be reduced \$23.88 per standard. The Cooperative will not maintain that portion of the system owned by the customer but will renew bulbs or glassware when burned out or broken.

(g) Where two (2) luminaires are supported from the same standard, the charge above stated shall be reduced \$3.01 for each lamp on such standard.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-OSL-V-I

Replacing Schedule 01-OSL-V-I Sheet 3
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 3 of 3 Sheets

(h) The City may extend a system under contract to take in additional trafficways so long as such extensions are contiguous to existing installations and provided that such extensions meet the requirements under paragraph (a).

(i) The City will be assessed a special fee should they request an existing fixture be replaced with a high pressure sodium fixture of equivalent lumen output. This fee is to cover the unamortized cost of the existing fixture and will be determined at the time of request.

MINIMUM MONTHLY CHARGE

The minimum number and size of street lights shall not be less than specified in the agreement for street lighting service.

GENERAL

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

DELAYED PAYMENT

As per Schedule DPC.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-STR

Replacing Schedule 01-STR Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 1 of 3 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

SUB-TRANSMISSION & TRANSMISSION LEVEL ELECTRIC SERVICE 34.5 kV

AVAILABLE

Entire Service Area.

APPLICABLE

For all electric service of a single character supplied at one (1) point of delivery at a voltage of 34.5 kilovolts or above, and who have the necessary interval metering installed. At a minimum customers requesting service under the sub-transmission level service shall have an average summer demand of at least five hundred (500) kW and an average summer demand of one thousand (1,000) kW for transmission level customers. This schedule is not applicable to temporary, breakdown, standby, supplementary, resale or shared service.

CHARACTER OF SERVICE

Alternating current, approximately 60 cycles; at any one standard voltage required by Customer as described in Cooperative's Standards for Electric Service.

MONTHLY RATE

Service at 34.5 kilovolts

The monthly rate hereunder shall be the Wholesale Cost of Power, as billed by the Cooperative's Wholesale Power Provider plus the following charges:

1. DELIVERY ENERGY CHARGE:
 - a. All kWh @ \$0.00170 per kWh
2. DELIVERY FACILITIES CHARGE: As provided for in the Customer's Electric Service Agreement.
3. LOCAL ACCESS CHARGE @ \$1.03 per kW

Service at 115 kilovolts

The monthly rate hereunder shall be the Wholesale Cost of Power, as billed by the Cooperative's Wholesale Power Provider plus the following charges:

1. DELIVERY ENERGY CHARGE:
 - a. All kWh @ \$0.00170 per kWh
2. DELIVERY FACILITIES CHARGE: As provided for in the Customer's Electric Service Agreement.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-STR

Replacing Schedule 01-STR Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 3 Sheets

ENERGY COST ADJUSTMENT (ECA)

The Energy Cost Adjustment for purposes of this tariff shall be the ECA component of the Wholesale Cost of Power described above.

MINIMUM BILL

1. The minimum bill shall be based on a demand specified by Cooperative.
2. Where it is necessary to make an unusual extension, reinforce delivery system lines, upgrade or replace existing substations or if in the judgment of Cooperative the revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, Cooperative may require an adequate minimum bill and establish a contract billing demand to be used in the determination of demand charges, calculated upon reasonable considerations before undertaking to supply the service. In such cases, the customer shall enter into a service agreement with Cooperative as to the character, amount and duration of the business offered.

BILLING DEMAND

The billing demand established for a customer shall be the Customer's kilowatt load coincident with the wholesale power supplier's peak for billing purposes.

POWER FACTOR

The average power factor, expressed to the nearest percent, shall be determined by metering designed to prevent reverse registration. Eight-five percent (85%) lagging shall be considered the baseline power factor. If the average power factor is determined to be below eighty-five percent (85%) for any given month, an additional charge of \$0.03 per kilowatt of measured demand for every whole percent less than eighty-five percent (85%) will be added to the monthly bill. If the average power factor is determined to be between eight-five percent (85%) and one hundred percent (100%) for any month a credit of \$0.03 per kilowatt of measured demand for every whole percent above eighty-five percent (85%) will be added to the monthly bill.

DELAYED PAYMENT

As per Schedule DPC.

SERVICE TERM

Not less than one (1) year, or such term as may be specified for a line extension, in accordance with the Agreement for Electric Service ("Service Agreement").

Issued _____ <div style="display: flex; justify-content: space-between; width: 80%; margin: 0 auto;"> Month Day Year </div> Effective _____ <div style="display: flex; justify-content: space-between; width: 80%; margin: 0 auto;"> Month Day Year </div> By _____ <div style="display: flex; justify-content: space-between; width: 80%; margin: 0 auto;"> Signature Title </div>	
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MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-STR

Replacing Schedule 01-STR Sheet 3
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 3 of 3 Sheets

TERMS AND CONDITIONS

The rights and obligations of Cooperative and Customer shall be governed by the Service Agreement. In the event that any provision, term or condition of the Service Agreement is in conflict with or otherwise differs from any provision of the Service Schedules or the General Terms and Conditions for Service or Cooperative's Pricing Schedules, the provision, term or condition of the Service Agreement shall prevail.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-WP

Replacing Schedule 01-WP Sheet 1
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

WATER PUMPING SERVICE

AVAILABILITY

This schedule is available for municipal water pumping service.

NET MONTHLY BILL

Customer Charge

\$16.21 per meter per month

Delivery Charge

\$0.09990 per kWh for kWh on bills dated October 16th to June 14th, inclusive.
\$0.10790 per kWh for kWh on bills dated June 15th to October 15th, inclusive.

Minimum

The minimum shall be the Customer Charge.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

TERMS OF PAYMENT

As per Schedule DPC.

PRIMARY DISCOUNT

At the option of the customer there will be a discount of 2% on all monthly bills, excluding the Energy Cost Adjustment Clause, provided service is rendered and metered at primary voltage and the customer furnishes and maintains all necessary transformation beyond the point of metering.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective Upon Commission Approval
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 11-IP-1

(Name of Issuing Utility)

Replacing Schedule 01-IP-1 Sheet 1

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

IRRIGATION SERVICE

AVAILABILITY

This schedule is available for irrigation power only. Service under this schedule shall be under contract for an initial period of five years and from year to year thereafter.

CHARACTER OF SERVICE

Alternating current, 60 cycle, 230 volt, 3 phase. Where only single phase service is available, motors of less than ten (10) horsepower may be connected if in the judgment of the Cooperative such service can be rendered without unduly affecting existing service. Not more than one (1) irrigation connection shall be made on any single phase extension.

NET MONTHLY BILL

Demand Charge

Per horsepower contracted per month (nameplate rating) \$3.33

plus

Delivery Charge

For all bills dated June 15th through October 15th inclusive, per kWh \$0.08596

For all bills dated October 16th through June 14th inclusive, per kWh \$0.07796

MINIMUM CHARGE

\$3.33 per horsepower contracted per month, which is the Demand charge, plus extension charge, if any. (Minimum charge does not include the delivery charge).

CONTRACT MINIMUM

Ten (10) horsepower

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-IP-1

Replacing Schedule 01-IP-1 Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

EXTENSION POLICY

Where the cost of extending service to the irrigation customer exceeds \$50.00 per horsepower contracted, the customer will pay in addition to the "minimum charge" set forth above an additional annual minimum charge equal to twenty-one percent (21%) per year of the added investment in such facilities.

DELAYED PAYMENT

As per Schedule DPC.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC

Schedule: 11-CS

(Name of Issuing Utility)

Replacing Schedule 01-CS-9 Sheet 1

Which was filed March 18, 2005

WESTERN DIVISION

(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

TEMPORARY SERVICE

AVAILABILITY

This schedule is available for fairs, carnivals, picnics, and other purposes where service is required for temporary service.

NET MONTHLY BILL

Delivery Charge

\$0.19017 per kWh used, plus an amount equal to all the costs of installing and removing equipment to render service.

ENERGY COST ADJUSTMENT

The delivery charges are subject to the Energy Cost Adjustment Clause.

CONNECTION CHARGE

Where the Cooperative deems it advisable the customer will advance the amount of estimated costs of installing and removing said equipment plus the estimated cost of current which will be consumed. Any amount advanced over and above the estimated cost will be refunded to the customer and the customer will pay any amount that may be deficient.

TERMS OF PAYMENT

As per Schedule DPC.

TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 11-ECA

Replacing Schedule 11-ECA Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE 11-ECA
ENERGY COST ADJUSTMENT

APPLICABLE

Applicable per the provisions of the Cooperative's electric rate schedules.

COMPUTATION FORMULA

The rates for energy to which this adjustment is applicable will be increased or decreased by 0.001¢ per kilowatt-hour (kWh) for each 0.001¢ (or major fraction thereof) increase or decrease in the aggregate cost of energy per kWh as computed by the following formula:

$$\frac{C}{S} - B = \text{Adjustment}$$

Where:

- C = The actual cost of purchased power and energy for rates subject to the Energy Cost Adjustment, Account No. 555, for the latest month for which data is available.
- S = Actual sales in kWh for the same month for rates subject to the Energy Cost Adjustment.
- B = Actual energy costs (purchased power and energy) in ¢/kWh sold for rates subject to the Power Cost Adjustment during the base period. This base is 7.3127¢/kWh sold, as established during the base period of January 1 through December 31, 2010.

FREQUENCY OF COMPUTATION

This adjustment amount will be computed once each month.

SETTLEMENT PROVISION

Subsequent to the effective date of this clause, the Cooperative will maintain a continuing monthly comparison of the actual increased (decreased) cost of purchased energy as shown on the books and records of the Cooperative and the increased (decreased) dollar cost of purchased power recovered from customers.

Issued _____ <div style="display: flex; justify-content: space-between; font-size: small;"> Month Day Year </div>	
Effective _____ <div style="display: flex; justify-content: space-between; font-size: small;"> Month Day Year </div>	
By _____ <div style="display: flex; justify-content: space-between; font-size: small;"> Signature Title </div>	

MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-ECA

Replacing Schedule 11-ECA Sheet 2
Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

For each twelve-month billing period ending at the close of December, the cumulative difference of the monthly comparisons for the twelve-month billing period under consideration will be added to the "actual cost remainder" described below to produce a cumulative balance. The "settlement factor" will then be calculated by dividing the cumulative balance as of that date by the total number of kWh deliveries during the twelve-month period ending on that date. This amount will be rounded to the nearest 0.001¢/kWh to determine the increase or decrease which should be made to the energy cost adjustment. This "settlement factor" will remain in effect until superseded by a subsequent "settlement factor" calculated according to this provision.

The amounts collected or returned under this "settlement factor" for each twelve-month period will be compared with the cumulative balance, as described above. Any resulting overage or underage, which will be known as the "actual cost remainder," will be applied to the next subsequent twelve-month cumulative balance for the purpose of calculating the next subsequent "settlement factor."

Issued _____
Month Day Year

Effective _____
Month Day Year

By _____
Signature Title

MID-KANSAS ELECTRIC COMPANY, LLC
 (Name of Issuing Utility)

Schedule: 11-PGS

Replacing Schedule 01-PGS Sheet 1
 Which was filed March 18, 2005

WESTERN DIVISION
 (Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

PARALLEL GENERATION SERVICE

AVAILABLE

Electric service is available under this schedule at points on the Cooperative's distribution system.

APPLICABLE

To Residential or General Service customers who contract for service supplied at one (1) point of delivery where part of all of the electrical requirements, as defined in the Definitions and Conditions section, of the customer can be supplied from customer owned generation sources, and where such sources are connected for parallel operation of the customer's system with the Cooperative's system. Customer sources may include but are not limited to windmills, water wheels, solar conversion and geothermal devices.

Prior to commencement of service, a contract for service shall be entered into, specifying the maximum kW load the Cooperative is to supply and setting out the type and size of electric generating facilities, the type of protective relay equipment, and other technical and safety aspects of parallel operation.

The schedule is not applicable to resale or redistribution of electric service.

CHARACTER OF SERVICE

Service shall be alternating current 60 cycles, at the voltage and phase of the Cooperative's existing distribution system having capacity of receiving the customer's excess power.

NET MONTH BILL

Rate

1. For capacity and energy supplied by the Cooperative to Customer, the Cooperative's rate schedules and terms and conditions normally applicable to the customer absent parallel generation shall apply.
2. For capacity and energy supplied by Customer to the Cooperative, the Cooperative shall pay:

 One hundred percent (100%) of the average system cost of power^a per kWh multiplied by the kWh supplied by the Customer

^a This calculation shall be based on the monthly cost formula included in the Energy Cost Adjustment clause.

Minimum Bill

The minimum bill shall be the same as in the tariff under which service is received.

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MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-PGS

Replacing Schedule 01-PGS Sheet 2
 Which was filed March 18, 2005

WESTERN DIVISION
(Territory to which schedule is applicable)

Sheet 2 of 2 Sheets

No supplement or separate understanding shall modify the tariff as shown hereon.

DEFINITIONS AND CONDITIONS

1. The Cooperative will supply, own and maintain all necessary meters and associated equipment utilized for billing. In addition, and for purposes of monitoring customer generation and load, Cooperative may install at its expense, load research metering. The customer shall supply, at no expense to the Cooperative, a suitable location for meters and associated equipment used for billing and for load research.
2. The Cooperative shall have the right to require the customer, at certain times and as electrical operating conditions warrant, to limit the production of electrical energy from the generating facility to an amount no greater than the load at the customer's facility of which the generating facility is a part.
3. The Cooperative will install, own and maintain a disconnecting device located near the electric meter or meters. Interconnection facilities shall be accessible at all times to Cooperative personnel.
4. The customer shall furnish, install, operate and maintain in good order and repair, and without cost to the Cooperative, such relays, locks and seals, breakers, automatic synchronizer, and other control and protective apparatus as shall be designated by the Cooperative as being required as suitable for the operation of the generator in parallel with the Cooperative's system.
5. The customer shall be required to reimburse the Cooperative for any equipment or facilities required as a result of the installation by the customer of generation in parallel with the Cooperative service.
6. The customer shall notify the Cooperative prior to the initial energizing and start-up testing of the customer-owned generator, and the Cooperative shall have the right to have a representative present at said test.
7. The customer's equipment shall not produce electrical energy with a third harmonic content greater than ten percent (10%) nor a fifth harmonic content greater than five percent (5%) or cause measurable interference with neighboring customers.
8. This schedule is available to residential customers providing electric energy and capacity to the Cooperative from small power production facilities with a design capacity of twenty-five (25) kilowatts (kW) or less, where part or all of the electrical requirements of the customer can be supplied from such customer-owned capacity; and is available to non-residential customers providing electric energy and capacity to Cooperative from small power production facilities with a design capacity of one hundred (100) kW or less, where part or all of the electrical requirements of the customer can be supplied from such customer-owned capacity.
9. Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.
10. All provisions of this rate schedule are subject to changes made by order of the regulatory authority having jurisdiction.

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MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-LAC

Original Schedule _____ Sheet 1

WESTERN DIVISION
(Territory to which schedule is applicable)

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

LOCAL ACCESS DELIVERY SERVICE

AVAILABLE

Entire Service Area.

APPLICABLE

For delivery to wholesale (sales for resale) customers over MKEC's 34.5 kV (or other available lower primary voltage) subtransmission/distribution system.

CHARACTER OF SERVICE

Alternating current, 60 cycle, three phase, 34.5 kV or other available lower primary voltage.

MONTHLY RATE

Demand Charge @ \$1.03 per kW.

MONTHLY BILLING DEMAND

Monthly Billing Demand shall be defined as the Customer's demand as measured at the low side of the delivery point substation.

LOSSES

Real Power Losses are associated with all Local Access Delivery service. The Local Access Delivery customer is responsible for replacing losses associated with all transmission service as calculated by MKEC or paying MKEC for the Real Power Losses at MKEC's wholesale rate. The applicable Real Power Loss factor for the entire service area is as follows:

LOSS FACTORS

Demand	
Annual	2.47 percent of annual demand as measured at delivery point.
Monthly	2.08 percent of monthly demand as measured at delivery point.
Energy	1.39 percent of energy as measured at delivery point.

DELAYED PAYMENT

As per schedule DPC.

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THE STATE CORPORATION COMMISSION OF KANSAS

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MID-KANSAS ELECTRIC COMPANY, LLC
(Name of Issuing Utility)

Schedule: 11-LAC

Original Schedule _____ Sheet 2

WESTERN DIVISION
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No supplement or separate understanding
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TERMS AND CONDITIONS

Service will be rendered under Cooperative's Rules and Regulations as filed with the Kansas Corporation Commission.

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