



# ***STANDBY TARIFF REVIEW***

September 15, 2017

This Standby Tariff Review is provided in response a provision of the Commission Report and Order in Case No. ER-2014-0370.

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## EXECUTIVE SUMMARY

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In the context of a Kansas City Power & Light Company (“KCP&L” or “Company”) rate case (Case No. ER-2014-0370) the Missouri Division of Energy (“DE”) raised certain issues regarding the current KCP&L Standby Service for Self-Generating Customers tariff, Schedule SGC (“SGC Tariff”). In its Report and Order in that rate case, the Missouri Public Service Commission (“Commission”) ordered KCP&L to conduct a review of its SGC Tariff with the results of that review to be provided within two years of the effective date of the order in that case.

KCP&L established an internal cross-functional team (“Standby Review Team” or “Team”) to review the SGC Tariff. During this review, the Team evaluated the structure of the currently available tariff including the known history associated with the standby tariff, and compared the SGC Tariff to tariffs offered by other area utilities. A summary of the tariff features is included as Appendix A to this report.

The Team determined that the SGC Tariff is largely similar, based on the features evaluated, to the standby tariffs utilized by other utilities in Missouri and Kansas, including the Ameren tariff, which was recently accepted by many of the same entities that were parties to the ER-2014-0370 case and was subsequently approved by the Commission.

The Team also determined that the SGC Tariff is neutral with regard to customers deploying Combined Heat and Power Systems (“CHP”).

## REVIEW BACKGROUND

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Although SGC Tariff was not brought forward as an issue by KCP&L in the ER-2014-0370 case, the DE did raise questions concerning the Standby tariff in that case. These issues were raised as part of a larger DE effort, originating in the rate cases of Ameren and Empire.

Details associated with the claims and actions relevant to the standby tariff issues in those cases are shown below:

### STANDBY TARIFF ISSUES IN KCP&L RATE CASE (ER-2014-0370)

- As part of ER-2014-0370, Jane Lohraff, Energy Policy Analyst for DE, provided a series of recommendations related to the Company's Standby Service for Self-Generating Customers tariff, Schedule SGC.<sup>1</sup> Citing concurrent evaluations by Ameren and Empire, Ms. Lohraff suggested a concurrent review of the KCP&L tariff would provide benefit.<sup>2</sup>
- The Company, through witness Tim Rush provided rebuttal<sup>3</sup> to this testimony citing a concern that CHP-related discussions were occurring within the MEEIA processes and should be addressed within that context.<sup>4</sup>
- In a Non-Unanimous Stipulation and Agreement<sup>5</sup>, objected to by the Company<sup>6</sup>, and ultimately not accepted by the Commission, the Signatories agreed that a working group should be formed to review KCP&L's Standby Service Tariff for the purposes of 1) ensuring that the design of standby rates and the terms and conditions of service are consistent with best practices and 2) to develop recommendations on cost-based rate levels. Signatories request that the Commission order KCP&L to file a new Standby Service Tariff in its next general rate case.
- In the Report and Order for case ER-2014-0370, the Commission made the following order, beginning on page 98:

***14. Should KCPL be required to establish a working group to review its Standby Service Tariff to ensure that rates are cost-based and reflect best practices?***

#### ***Findings of Fact***

***236. Properly designed standby rates can facilitate efficiency gains, energy independence and demand-side management opportunities associated***

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<sup>1</sup> Case ER-2014-0370, Direct Testimony of Jane Lohraff, Filed April 16, 2015, page 12, line 4.

<sup>2</sup> Id. Line 17.

<sup>3</sup> Case ER-2014-0370, Rebuttal Testimony of Tim M. Rush, Filed May 7, 2015, page 65, line 10.

<sup>4</sup> It is KCP&L's understanding that the role of CHP within MEEIA remains undefined. Within the discussions occurring at the time of the Company rebuttal, some parties expressed concerns that CHP did not meet the definition of a demand side measure. The question has yet to be brought before the Commission and KCP&L continues its belief that CHP is best addressed within MEEIA.

<sup>5</sup> Case ER-2014-0370, Non-Unanimous Stipulation and Agreement, Filed June 16, 2015.

<sup>6</sup> Case ER-2014-0370, Objection to Non-Unanimous Stipulation and Agreement; Request for Hearing, Filed June 22, 2015.

*with combined heat and power (“CHP”) technologies. Standby rates are a key factor in determining the cost effectiveness of such CHP projects.*

237. *KCPL has a standby rate tariff, which went into effect in 1997 and was revised in 2013.*
238. *Standby rate tariffs for The Empire District Electric Company and Ameren Missouri are currently under review by stakeholders.*
239. *In the Rate Design Agreement, the signatory parties agreed that “a working group should be formed to review KCP&L’s Standby Service Tariff for the purposes of 1) ensuring that the design of standby rates and the terms and conditions of service are consistent with best practices and 2) to develop recommendations on cost-based rate levels. Signatories request that the Commission order KCP&L to file a new Standby Service Tariff in its next general rate case.”*

#### **Conclusions of Law and Decision**

*While the standby rate is important for CHP projects, there has been no adequate showing that the existing KCPL tariff is deficient. The Commission finds it is not mandatory that KCPL to file a new standby rate tariff in its next general rate case. The Commission will not adopt the provision above in the Rate Design Agreement. However, since the standby rate tariffs of other electric utilities are currently under review, the Commission concludes that KCPL should complete a study regarding this issue within two years of the effective date of this order.*

#### **STANDBY TARIFF ISSUES IN AMEREN MISSOURI RATE CASE (ER-2016-0179)**

- In review of the public record, the Ameren Standby tariff review was completed and a new tariff offered.<sup>7</sup>

*This Standby Tariff will incorporate the following concepts:*

- a) The Standby Tariff will contain definitions for supplementary power, back-up power, and maintenance power, and rules for determining when, and in what amount, these services are actually used;*
- b) Unbundled rates for services (e.g. generation, transmission, and distribution);*
- c) The customer’s generator availability - the Standby Tariff will take into account the fact that no generator system achieves 100% availability with the following criteria considered when developing the rate structure: i) the generator’s historical*

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<sup>7</sup> Case ER-2016-0179, Unanimous Stipulation and Agreement, Filed February 23, 2017, page 13. – The Stipulation included a recommendation for approval of an exemplar tariff for the Standby Service Rider. The Staff of the Missouri Public Service Commission, the Office of the Public Counsel, the Missouri Department of Economic Development – Division of Energy, the Midwest Energy Consumers Group, and the Missouri Industrial Energy Consumers were signatories to that stipulation.

*availability and/or predicted availability, ii) any differences in cost impact of scheduled reductions in availability (maintenance) vs. unscheduled reductions in availability (i.e. forced outages, de-ratings, changes in load), and iii) the operational constraints of the generator system;*

*d) Maintenance scheduling - to the extent that unique pricing provisions are provided for scheduled (vs. unscheduled) reductions in availability, the mechanisms for setting scheduled reductions in generation will: i) allow more than one scheduled event per year, ii) provide flexibility in establishing or adjusting the time period(s) of the event(s) and iii) establish the maximum time period permitted (individually or cumulatively);*

*e) Seasonally differentiated charges;*

*f) Time differentiated charges (e.g. on-peak vs. off-peak);*

*g) Charges will be differentiated by voltage level (i.e. secondary, primary, high voltage primary).*

Although not associated with the tariff terms memorialized in this settlement, the Company was invited to participate in a few of the working group conference calls associated with this effort and was able to experience firsthand, many of the issues and discussions related to preparation of the Ameren tariff.

### STANDBY TARIFF ISSUES IN EMPIRE RATE CASE (ER-2014-0351)

- In review of the public record, the Empire Standby tariff review was addressed.<sup>8</sup>

***c. Should Empire modify its tariffs to include language on how a CHP customer requiring standby service is to be charged for such service, as proposed on page 3 of Division of Energy witness Alex Schroeder's surrebuttal testimony?***

*The Signatories agree that the following language should be included in Empire's tariffs resulting from this case: "Any "qualifying facility" as defined in 4 CSR 240-20.060(1)(G) shall be provided, upon request, stand-by power at the otherwise applicable standard rates which would apply if the Company provided energy at the customer's full service requirements."*

*Empire further agrees to work toward submitting a Standby Tariff in its next general rate case, but the Signatories acknowledge that more time may be necessary. Upon approval, this Standby Tariff will apply prospectively to all new customer generators. Empire will hold at least two workshops with DE, Staff, and other interested stakeholders during the development of this Standby Tariff. The first workshop will occur at date to be determined by Empire and DE. The Standby*

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<sup>8</sup> Case ER-2014-0351, Global Stipulation and Agreement, Filed April 3, 2015, page 7. –The Staff of the Missouri Public Service Commission, the Office of the Public Counsel, the Missouri Department of Economic Development – Division of Energy, and the Midwest Energy Users' Association were signatories to that stipulation.

*Tariff to be submitted by Empire will incorporate the following concepts: (a) definitions for supplementary power, back-up power, and maintenance power, and rules for determining when, and in what amount, these services are actually used; (b) unbundled rates for services (e.g. generation, transmission, and distribution); (c) the customer's generator availability; (d) maintenance scheduling; (e) seasonally differentiated charges; (f) time differentiated charges (e.g. on-peak vs. off-peak); and (g) differentiated charges by voltage level (i.e. secondary, primary, high voltage primary).*

***d. Should a standby service cost study (referenced on page 3 of Schroeder's surrebuttal testimony and page 19 of Schroeder's February 11th direct testimony) be completed before Empire's next rate case in order to develop a sound standby rate framework?***

*The Signatories agree that Empire will conduct a standby service cost study before Empire's next general rate case filing, unless the Signatories agree that more time is necessary.*

- As of this review, KCP&L notes that the Standby issues were not part of Empire's ER-2016-0023 rate case settlement<sup>9</sup> and review of the Empire website does not indicate a Standby tariff is offered.<sup>10</sup>

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<sup>9</sup> Case ER-2016-0023, Stipulation and Agreement, Filed June 20, 2016.

<sup>10</sup> <http://www.empiredistrict.com/CustomerService/Rates/Electric/MO>

## REVIEW DEFINITION

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To comply with the order, KCP&L established a cross functional team to consider the Company SGC Tariff and complete the review.

### REVIEW TEAM

Standards –	Craig Parmeley (Manager) and Torey Bohan (Engineer III)
Energy Solutions –	Ed Hedges (Consulting Engineer) and Drew Robinson (Sustainability Products Manager)
Regulatory Affairs –	Marisol Miller (Supervisor), Tim Rush (Director), Don Frerking (Regulatory Analyst – Lead), and Brad Lutz (Manager)

### REVIEW STRUCTURE AND ASSUMPTIONS

#### Structure:

This review was used to evaluate the current KCP&L Standby tariff and includes the following elements:

- Description of the structure of the currently available tariff
- Discussion of the known history associated with the tariff
- Comparison to tariffs offered by other area utilities

#### Assumptions:

- The current SGC Tariff has not been identified as being deficient or unsuitable for application to CHP customers.
- As the Ameren tariff has been recently accepted by many parties to the ER-2014-0370 case and subsequently approved by the Commission, the Ameren tariff reflects a just and reasonable approach to addressing a Standby tariff.
- The Empire effort is still underway and will not contribute to this review.
- Comparisons are not intended to be exhaustive but instead focus on relevant examples from the region or from utilities similar in nature to KCP&L.

### INFORMATION SOURCES FOR THE REVIEW

#### Tariffs:

The Team reviewed the Commission-approved tariffs of other area electric utilities. These tariffs are included as Appendix B to this report.

#### Rate Case Orders:

The Team reviewed the relevant Commission action on Standby tariffs. This included the Report and Order from the Ameren ER-2014-0179 case and the Report and Order from the KCP&L ER-2014-0370 case. The team also considered the testimony offered in those cases.

Standby Whitepapers and Published Materials:

The Team also review various industry whitepapers and published materials relating to standby tariffs in its review. The whitepapers were utilized by Team to provide insight into the perspectives of parties interested in Standby rate design and expressly, the relationship to CHP systems. The Team does not necessarily consider any of these sources to be authoritative or espouse one over the others.

Ahmad Faruqi, Ph. D., Principal, Brattle Consulting, *A Conversation About Standby Rates* presented at the Standby Rate Working Group, Michigan Public Service Commission, Lansing, Michigan, January 20, 2016

James Selecky, Kathryn Iverson, and Ali Al-Jabir, Regulatory Assistance Project, *Standby Rates for Combined Heat and Power Systems Economic Analysis and Recommendations for Five States*, Prepared by Brubaker & Associates, Inc. and the Regulatory Assistance Project for Oak Ridge National Laboratory, February 2014.

State and Local Energy Efficiency Action Network. 2013. *Guide to the Successful Implementation of State Combined Heat and Power Policies*. Prepared by B. Hedman, A. Hampson, J. Rackley, E. Wong, ICF International; L. Schwartz and D. Lamont, Regulatory Assistance Project; T. Woolf, Synapse Energy Economics; J. Selecky, Brubaker & Associates.

U.S. Environmental Protection Agency Office of Atmospheric Programs Climate Protection Partnerships Division, *Standby Rates for Customer-Sited Resources: Issues, Considerations, and the Elements of Model Tariffs*, ICF International and Regulatory Assistance Project, December 2009

John V. Hurd, *The Great Standby Rate Debate: Analysis of a Key Barrier to the Influx of Needed New Alternative Energy Sources*, Note, 42 Suffolk U.L. Rev. 939, 2009

## CURRENT TARIFF REVIEW

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### TARIFF SUMMARY

The currently available tariff for Standby service is the Standby Service for Self-Generating Customers, Schedule SGC, Sheet 28 through 28D (“SGC Tariff”). The SGC Tariff makes service available to “existing transmission or distribution facilities located within its retail service area for Customers having an electricity generator with maximum capacity over 100 kW. The Customer's generator must be capable of serving all or a portion of their full power demand requirement.”<sup>11</sup> This service is provided through a distinct rate schedule based on a Real-Time Pricing (“RTP”) approach.<sup>12</sup> Under this approach a Customer Baseline Load (“CBL”) is defined, representing “one complete year of Customer-specific load data that represents the electricity consumption pattern and level typical of this Customer's operation under the standard price schedule.”<sup>13</sup>

The Customers monthly bill is determined by measuring usage relative to the CBL priced under a Standard (generally available) rate and developing charges for system access; Back-up, Maintenance, and Supplemental Energy services as well as Interconnection, Facilities, and Administrative charges. A simplified equation for the bill calculation is:

$$\begin{aligned} \text{Standby Bill} = & \text{Standard Bill at CBL} + \text{Adjusted Hourly RTP (may be positive or negative)} \\ & + \text{Reactive Charges} + \text{Period Charges} - \text{Payments for Energy Provided to} \\ & \text{the Grid} \end{aligned}$$

The key element of the calculation is the Adjusted Hourly charges. It is within this component that the actual customer usage is evaluated and adjusted for transmission service, marginal line loss, and forecasting costs. The Period Charges represent the Interconnection, Facilities, and Administrative Charges related to the billing period. The Hourly RTP rates are derived from market prices received from the Southwest Power Pool and set by 4pm the day before the day the rate would apply.

No customers are currently receiving service under the SGC Tariff. The RTP retail rate tariff that shares the RTP-based pricing mechanism of this Standby rate is not available for new service. If a customer requests standby service under this tariff, aspects of the currently frozen RTP pricing mechanism would be utilized. Reliance on this mechanism would not be optimum for the customer or the Company.

### TARIFF HISTORY

Based on Team’s research of the tariff archives, a Standby rate in some form has existed since at least the 1920s when the Company offered an Auxiliary or Breakdown Service tariff. A significant change for the tariff occurred following the passage of The Public Utility Regulatory Policies Act (“PURPA”), enacted

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<sup>11</sup> Standby Service for Self-Generating Customers Tariff, Schedule SGC, Sheet 28, Availability section.

<sup>12</sup> Other tariffs based on the same RTP-pricing mechanism have been frozen, or made no longer available for new service. The SGC Tariff is the only use of the RTP mechanism that remains available to new customers.

<sup>13</sup> Standby Service for Self-Generating Customers Tariff, Schedule SGC, Sheet 28, Customer Baseline Load (CBL) section.

November 9, 1978. For a time, the tariff became a “Qualifying Facility tariff”, following the terminology established within the PURPA statute.

The current version SGC Tariff was approved by the Commission on July 13, 1997 as part of filing #97-113. This timing follows the implementation of RTP rate schedules for the Company and represented an extended use of the RTP-based rate design. Since approval, various pages have been updated, with the most recent being sheet 28B that is in its eighth revision, effective June 8, 2017 and was updated as part of case ER-2016-0285.

## COMPARISON TO OTHER TARIFFS

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The Team defined a series of features to compare the KCP&L tariff with the Standby tariffs offered by other area electric utilities. The review points are:

- Tariff Name & Number
- Effective Date of Tariff
- Tariff Type
- Availability
- Definitions
  - Supplementary power
  - Back-up power
  - Maintenance power
- Unbundled rates for services (e.g. generation, transmission, and distribution)
- Customer's generator availability
- Maintenance scheduling
- Monthly Fixed Charge
- Seasonally differentiated charges
  - Demand
  - Energy
- Time differentiated charges (e.g. on-peak vs. off-peak)
  - Demand
  - Energy
- Demand Time Period
- Charges differentiated by voltage level (i.e. secondary, primary, high voltage primary)
- Specific CHP Considerations
- Terms for excess generation
- Reservation Fee
- Provision for Economic Replacement Power
- SPP Schedule Charge(s) Pass-through

For comparison of the Standby tariff features, the Company identified the features of tariffs offered by Ameren, Empire District, KCP&L-Greater Missouri Operations, and Westar. The current standby tariffs for the KCP&L, Ameren, and Westar are included in Appendix B. GMO and Empire do not have currently effective standby tariffs. Each Standby tariff was reviewed and the relevant portions of the tariff included in a spreadsheet to construct a matrix presentation. The review matrix is included as Appendix A to this report.

## REVIEW SUMMARY

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A Standby tariff is intended to provide self-generating customers a source of energy and capacity to rely on when their generation source is unavailable due to either planned or unplanned circumstances. Review of the materials reveal there is no single way to provide this service and that “best practice” is difficult to identify universally. Within the comparison group of Missouri and Kansas utilities the same inconsistency appears. Given that the Ameren tariff has been recently approved and is the result of apparent collaborative effort, it serves as a design alternative deemed just and reasonable by the Commission. In comparing the KCP&L SGC Tariff features to those of the Ameren SSR tariff, a few notable points are identified:

- Largely similar, based on the features evaluated.
- The SGC Tariff is structure as a unique rate where others as structured as a Rider.
- The SGC Tariff incorporate a component for the generally available retail rate, providing similar function to a Rider.
- The Ameren SSR tariff relies on a schedule of specific rates for its tariff, making it more independent from the generally available retail rates.
- Inclusion of a RTP mechanism is unique to the SGC Tariff.
- The SGC Tariff specifically includes a provision for electricity sold to the Company.
- No specific limits for maintenance service are identified within the SGC Tariff, providing greater flexibility to the customer.

Comparison to the Westar approach yields yet a few additional points:

- Also, largely similar, based on features evaluated.
- The Westar designs reliance on the generally available retail rate is more similar to the SGC Tariff approach.
- The Westar tariff does not appear to include system capacity limits, making it available to smaller systems.

This review establishes that the KCP&L SGC Tariff is capable of defining the terms of service for customers needing standby service. Although the SGC Tariff design might be considered dated given its origin in the late 1990’s, the tariff’s basis on RTP mechanisms and the generally available retail rate tariff provides a means to keep the rates current and leverage the design features of those rates (charges, seasonal, and blocking structures). In key areas, such as seasonal and time differentiated charges as well as the absence of specific language related to CHP, the SGC Tariff appears similar to recently approved standby tariff designs.

With respect to CHP factors, the SGC Tariff appears neutral toward that specific customer generation type. When compared to other tariffs, particularly the Ameren SSR tariff, no explicit difference was identified that would restrict or otherwise inhibit deployment of CHP under the SGC Tariff.

The Company intends to continue monitoring utilization of the SGC Tariff and the role of the RTP pricing mechanism to determine if any revision or enhancement might be beneficial.

## APPENDICES

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Company	KCP&L	Ameren	GMO	Empire	Westar
Tariff Name & Number	Standby Service for Self Generating Customers, Schedule SGC, Sheet 28	Standby Service Rider, Rider SSR, Sheet 92	No tariff	No tariff	Standby Service Rider, Schedule SSR
Effective Date of Tariff	July 13, 1997 September 29, 2015 June 8, 2017	April 1, 2017			October 28, 2015
Tariff Type	Rate	Rider			Rider
Availability	Electric Service is available under this schedule at points on the Company's existing transmission or distribution facilities located within its retail service area for Customers having an electricity generator with maximum capacity over 100 kW. The Customer's generator must be capable of serving all or a portion of their full power demand requirement.	Applicable to each customer not currently served by Rider E, at a single premises with behind the meter on-site parallel distributed generation and/or storage system(s) with a capacity over 100 kilowatts (kW), as a modification to standard electric service supplied under either the tariffed rate schedules of Large General Service 3(M), Small Primary Service 4(M), or Large Primary Service 11(M). Customers with emergency backup, solar or wind generation that is not integrated with a storage system are excluded from this Rider.			Available throughout Company's service area for standby service
Definitions					
supplementary power	No definition	SUPPLEMENTAL SERVICE - Electric service provided by the Company to customer to supplement normal operation of the customer's on-site parallel distributed generation and/or storage in order to meet the customer's full service requirements.			Supplemental Service is capacity and energy provided for a customer in addition to capacity and energy provided under Back-up and/or Maintenance Service. When determining the rate schedule under which a customer shall take Supplemental Service, the total electrical requirement of the customer may be considered.
back-up power	No definition	BACK-UP SERVICE - The portion of Standby Contract Capacity and associated energy used without advance permission from the Company. The customer must notify the Company within thirty (30) minutes of taking Back-up Service for amounts over five (5) megawatts (MW). For Back-up Service billed, the customer shall be charged the daily standby demand charge for back-up service and back-up energy charges associated with Standby Service. The rates for these charges as well as the monthly fixed charges are stated in this Rider. Back-up Service charges will be shown and calculated separately on the customer bill.			Back-up Service is capacity and energy, other than that provided under (b) and (c) immediately following, specified by a customer for use during periods of unscheduled outage, to replace capacity and energy normally provided by the customer's on-site generating facilities. In no event shall capacity for Back-up Service exceed the net continuous capability of the customer's generating facilities.

Column	KCP&L	Ameren	GMO	Empire	Westar
maintenance power	No definition	MAINTENANCE SERVICE - The portion of Standby Contract Capacity used with advance permission from the Company. The customer must schedule Maintenance Service with the Company not less than six (6) days prior to its use. Unless otherwise agreed to by the Company, Maintenance Service shall be limited to not more than six (6) occurrences and not more than sixty (60) total and partial days during twelve (12) consecutive billing periods (based on billing dates). Maintenance Service may be available during all months and shall not be greater than the seasonal Standby Contract Capacity. The scheduling of Maintenance Service may be restricted by the Company during times associated with system peaking conditions or other times as necessary. For Maintenance Service billed, the customer shall be charged the daily standby demand charge for maintenance service associated with Standby Service Demand. The rates for these daily demand charges as well as the monthly fixed charges are stated in this Rider. Energy charges for Maintenance Service associated with the Standby Service will be billed as standard energy charges per the applicable tariffed rate schedule. Maintenance Service charges will be shown and calculated separately on the customer bill.			Maintenance Service is the non-firm capacity, contracted for by a customer up to the net continuous capability of the customer's generating facilities, and energy, scheduled in advance by the customer for use during planned maintenance of the customer's on-site generating facilities and subject to paragraph seven below.
Unbundled rates for services (e.g. generation, transmission, and distribution)	Yes, Based on Standard Tariff	Yes			No
Customer's generator availability	No	No			No
Maintenance scheduling	No	Yes - The customer must schedule Maintenance Service with the Company not less than six (6) days prior to its use. Unless otherwise agreed to by the Company, Maintenance Service shall be limited to not more than six (6) occurrences and not more than sixty (60) total and partial days during twelve (12) consecutive billing periods (based on billing dates).			Yes - allowed twice during any 12 consecutive months and during non-summer months. Minimum of 120 advance notice of schedule. Twenty four hour advance notice for planned outages. Limited summer maintenance allowed.
Monthly Fixed Charge	Yes, plus customer charges from Standard Tariff	Yes, \$199 per month			Yes, Based on Standard Tariff
Seasonally differentiated charges					
Demand	Yes, Based on Standard Tariff	Yes, see tariff			Yes, Based on Standard Tariff
Energy	Yes, Based on Standard Tariff	Yes, see tariff			Yes, Based on Standard Tariff

Column	KCP&L	Ameren	GMO	Empire	Westar
Time differentiated charges (e.g. on-peak vs. off-peak)					
Demand	Yes, Based on Standard Tariff	Yes, see tariff			Yes, Based on Standard Tariff
Energy	Yes, Based on Standard Tariff	Yes, see tariff			Yes, Based on Standard Tariff
Demand Time Period	30-minute	15-minute			15-minute
Charges will be differentiated by voltage level (i.e. secondary, primary, high voltage primary)	Yes, Based on Standard Tariff	Yes, High Voltage Only			Yes, Based on Standard Tariff
Specific CHP Considerations	No specific language	No specific language			No
Terms for excess generation	No. May be addressed by Parallel Generation Tariff, Schedule PG, Sheet 31	No. Appears to be addressed by separate Electric Power Purchases tariff, Sheet 170			No. Appears to be addressed by separate Parallel Generation Rider, Schedule PGR
Reservation Fee	No	No			No
Provision for Economic Replacement Power	No	No			No
SPP Fee Pass-through	No	No			No

FORM NO. 13

P. S. C. MO. No. 7

First

~~Original~~  
RevisedSHEET No. 28Cancelling P. S. C. MO. No. 7~~Original~~  
RevisedSHEET No. 28

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For... **Missouri Retail Service Area**

Community, Town or City

**RECEIVED****Standby Service for Self-Generating Customers  
Schedule SGC****JUN 18 1997****MO. PUBLIC SERVICE COM****AVAILABILITY**

Electric Service is available under this schedule at points on the Company's existing transmission or distribution facilities located within its retail service area for Customers having an electricity generator with maximum capacity over 100 kW. The Customer's generator must be capable of serving all or a portion of their full power demand requirement. The Company reserves the right to determine the applicability or the availability of this price schedule to any specific applicant for electric service who meets the above criteria.

This price schedule is not available for standard retail service or resale. The Customer must enter into a contractual agreement with the Company (pursuant to Missouri Department of Economic Development Cogeneration Rule 4 CSR 240-20.060 if applicable) to receive service under this schedule.

**SPECIAL PROVISIONS****A. Pricing Methodology:**

The energy prices are hourly and will be transmitted to the Customer by 4 p.m. on the day before the prices apply, except possibly on Sundays, Mondays and days following holidays, when KCPL will endeavor to provide the prices by 4 p.m. of the previous business day. Customers will pay a monthly Access Charge that depends on: 1) the tariff prices of the baseline or standard tariff at which the Customer would otherwise be taking service (SGS, MGS, LGS, LPS, SGA, MGA, or LGA), 2) the billing determinants derived from the historical Customer Baseline Loads, and 3) the hourly energy prices. The composition of the Access Charge is detailed in the Bill Determination section below.

**B. Metering of Load:**

Customers taking service under this option must have or have installed a conventional hourly recording meter. If the Customer is to sell power to the Company, they must also have meters that allow sales to KCPL to be recorded. KCPL will have the right to install and maintain load profile meters for monitoring the Customer's energy production and usage. This metering will be at the Customer's expense but must be accessible to the Company at any time.

**TERM OF CONTRACT AND TERMINATION**

The Customer may return to service under a standard, generally available tariff if they no longer require standby service by giving written notice six (6) months in advance. However, any incremental Facilities, Administrative and Interconnection costs must be paid for the remainder of the term of the contract if the Customer returns to service under a standard, generally available tariff.

**FILED****JUL 13 1997****97-113****MO. PUBLIC SERVICE COM**DATE OF ISSUE June 18, 1997

month day year

DATE EFFECTIVE July 13, 1997

month day year

ISSUED BY M. C. Sholander

name of officer

General Counsel

title

1201 Walnut, Kansas City, Mo.

address

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area

Community, Town or City

RECEIVED

Standby Service for Self-Generating Customers  
Schedule SGCJUN 18 1997  
(cont.)

MO. PUBLIC SERVICE COMM

## CUSTOMER BASELINE LOAD (CBL)

The Customer Baseline Load (CBL) is one complete year of Customer-specific load data that represents the electricity consumption pattern and level typical of this Customer's operation under the standard price schedule. The CBL normally will be based upon the Customer's pattern and level of kWh usage in the most recent calendar year prior to taking service under this schedule. In order to formulate a CBL that achieves a representative load pattern, the Company may make adjustments to historical usage data or may estimate usage if historical data are not available or are not appropriate. The CBL must be mutually agreed upon by both the Customer and the Company. Agreement on the CBL is a precondition for service under this tariff. In general, the Company will not increase the CBL when a Customer increases load. If there is a significant decrease in the Customer's full electrical load, including the portion generated by the Customer, then the Company will review the CBL with the Customer to determine if it should be reduced.

## BILL DETERMINATION

The bill for Standby Service is rendered after each monthly billing period. The charges cover system access; Back-up, Maintenance, and Supplemental Energy services; and Interconnection, Facilities, and Administrative charges. The Customer's Standby Bill is calculated as follows:

$$\begin{aligned} \text{Standby Bill} &= \text{Standard Bill} + \sum_{hr} \text{RTP}_{hr} \times [\text{Actual kWh}_{hr} - \text{CBL kWh}_{hr}] + \\ &\quad \text{Reactive} + \text{PC} - \text{Payment} \\ &= \text{Standard Bill} - \sum_{hr} [\text{RTP}_{hr} \times \text{CBL kWh}_{hr}] + \sum_{hr} [\text{RTP}_{hr} \times \text{Actual kWh}_{hr}] + \\ &\quad \text{Reactive} + \text{PC} - \text{Payment} \end{aligned}$$

Where:

Standard Bill = Customer's bill for a specific month on usage as defined by the CBL and billed under the standard price schedule, including reactive billing if applicable;

$\text{RTP}_{hr}$  = The hourly Real-Time Prices based on Schedule RTP-Plus and adjustments as described below in the sections concerning Prices and Interruptible Service;

$\text{CBL kWh}_{hr}$  = The Customer Baseline kWh usage in each hour;

$\text{Actual kWh}_{hr}$  = The Customer's actual usage during each hour;

FILED

JUL 13 1997

97-113

MO. PUBLIC SERVICE COMM

DATE OF ISSUE June 18, 1997

DATE EFFECTIVE July 13, 1997

ISSUED BY M. C. Sholander  
name of officerGeneral Counsel  
title1201 Walnut, Kansas City, Mo.  
address

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 Eighth Revised Sheet No. 28B  
 Canceling P.S.C. MO. No. 7 Seventh Revised Sheet No. 28B  
 For Missouri Retail Service Area

STANDBY SERVICE FOR SELF-GENERATING CUSTOMERS Schedule SGC
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**BILL DETERMINATION** (continued)

Reactive = Incremental reactive power charge, calculated by taking the difference between the bill for reactive power using the standard rate applied to the current month quantities and the bill based on the historical CBL quantities. This charge may be positive or negative;

PC = Interconnection Charge + Facilities Charge + Administrative Charge; and

Payment = Payment from KCPL for electricity services supplied by the Customer to KCPL  
 =  $\sum_{hr} [RTP:MC_{hr} * QFkWh_{hr}]$ ;

Where:

RTP:MC<sub>hr</sub> = Adjusted RTP-Plus prices each hour, with adjustments as described below in the section on Prices; and

QFkWh<sub>hr</sub> = Electricity supplied to the Company by the Customer in each hour.

The Access Charge is defined as follows:

Access Charge = The difference between the Standard Bill and the monthly sum of the product in each hour of the CBL kWh multiplied by the hourly energy price;  
 = Standard Bill -  $\sum_{hr} [RTP_{hr} \times CBLkWh_{hr}]$ .

**PRICES**

The baseline tariff prices that are used in the calculation of the Standard Bill can be found on the Customer's applicable standard tariff sheets (Schedule SGS, MGS, LGS, LPS, SGA, MGA, or LGA).

The hourly energy prices are the Real Time Prices from Schedule RTP-Plus, except when modified for transmission or interruptible service. The hourly energy prices will be adjusted with a transmission service adder during the following hours on non-holiday weekdays in July and August:

<u>Hours</u>	<u>Price Adder</u>
11:00 a.m. - 2:00 p.m.	\$ 0.03294 per kWh
2:00 p.m. - 6:00 p.m.	\$ 0.08048 per kWh
6:00 p.m. - 7:00 p.m.	\$ 0.03294 per kWh

FILED  
 Missouri Public  
 Service Commission  
 ER-2016-0285; YE-2017-0235

Issued: May 9, 2017  
 Issued by: Darrin R. Ives, Vice President

Effective: June 8, 2017  
 1200 Main, Kansas City, MO 64105

**KANSAS CITY POWER & LIGHT COMPANY**

Name of Issuing Corporation or Municipality

For **Missouri Retail Service Area**

Community, Town or City

**RECEIVED**

**Standby Service for Self-Generating Customers  
Schedule SGC**

**JUN 18 1997**  
(cont.)

**MO. PUBLIC SERVICE COM****PRICES (continued)**

The transmission service hourly price adder will be applied only during the calendar months of July and August. The adder will not be included in the hourly energy price on Independence Day or any weekday celebrated as such if the holiday falls on a weekend. The transmission service adder values shown above are to be applied at the primary service voltage level. If the Customer is served at a voltage level other than primary, the value of the transmission adder will be adjusted for the appropriate difference in energy losses.

The RTP-Plus prices paid to the Customer for electric service sold to the Company are adjusted: 1) to reflect the marginal line loss specific to the Customer's location and voltage delivery level (rather than the averaged value used in the RTP-Plus prices); and 2) to remove the risk factor that KCPL includes to compensate for forecasting marginal costs one day ahead. The transmission service adder is not included in the hourly energy price paid to the Customer.

**INTERCONNECTION CHARGE**

Customers will be responsible to the Company for any additional cost associated with providing Interconnected Service under this tariff (as per Missouri 4 CSR 240-20.060(1)(C) and (2)(C)3 if applicable). This cost will be collected from customers during the full term of the contract period, even if they return to service under the standard tariff before the contract period is complete.

**FACILITIES CHARGE**

A Facilities Charge will be assessed to cover the cost of any additional facilities that are necessary to serve the Customer under the terms of this tariff and that are not included in the Interconnection Charge. If the Company is required to either increase the capacity or accelerate its plans for increasing the capacity of the transmission or distribution facilities to accommodate a Customer's altered load under this schedule, then an additional Facilities Charge will be assessed if the expansion is not revenue justified using KCPL's current methodology. The incremental costs related to these facilities will be collected from customers during the full term of the contract period, even if they return to service under the standard tariff before the contract period is complete.

**ADMINISTRATIVE CHARGE**

This charge is to cover billing and administrative costs beyond those covered in the standard tariff. This charge will not include any cost already accounted for in the Interconnection or Facilities Charges. This cost will be collected from customers during the full term of the contract period, even if they return to service under the standard tariff before the contract period is complete.

**FILED**DATE OF ISSUE June 18, 1997

month day year

DATE EFFECTIVE July 13, 1997

month day year

ISSUED BY M. C. Sholander

name of officer

General Counsel

title

1201 Walnut, Kansas City, Mo.

address

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 Second Revised Sheet No. 28D  
Canceling P.S.C. MO. No. 7 First Revised Sheet No. 28D

For Missouri Retail Service Area

**STANDBY SERVICE FOR SELF-GENERATING CUSTOMERS**  
**Schedule SGC**

**SPECIAL PROVISIONS FOR MPOWER CUSTOMERS**

If the Customer requests and qualifies for service under the MPOWER Rider, the MPOWER credits will be included in the calculation of the Standard Bill component of the total Standby Bill. Standby Service is interruptible to the same extent that it is reflected in the CBL used in calculating the Standard Bill. If the credit rates under the MPOWER Rider change, corresponding adjustments will be made in the calculation of the Standard Bill under this tariff to reflect the modified credit value. The curtailment provisions of the rider will continue to apply as stated in the rider. During periods in which actual load interruption is requested by the Company, the CBL will be adjusted to the firm (non-interruptible) load level if this value is lower than the CBL. The outage cost component of the hourly RTP-Plus prices will not be applied to the interruptible portion of the Customer's Baseline and actual loads in any hour.

**SPECIAL PROVISIONS FOR CUSTOMERS WITH AN ECONOMIC DEVELOPMENT RIDER**

Economic Development Rider (EDR) Customers will continue to receive the discounts provided for in the rider except that they will apply to the CBL usage only. Changes in usage from the CBL quantities will be priced at the hourly energy prices under this schedule, not at the EDR rate. The EDR discount percentage will change each year in accordance with the EDR provisions even though the CBL quantities remain fixed.

**SPECIAL PROVISIONS FOR CUSTOMERS WITH A THERMAL STORAGE RIDER**

This rider will not be available in combination with Standby Service.

**SPECIAL PROVISIONS FOR ELECTRIC HEATING CUSTOMERS**

For customers that are currently taking service with separately metered space heat, the kWh usage is determined by summing the usage from the separate meters, both for the CBL and for the current period.

**FUEL ADJUSTMENT**

Fuel Adjustment Clause, Schedule FAC, shall be applicable to all customer billings under this schedule.

**TAX ADJUSTMENT**

Tax Adjustment Schedule TA shall be applicable to all Customer billings under this schedule.

**REGULATIONS**

Subject to Rules and Regulations filed with the State Regulatory Commission.

September 29, 2015

Issued: September 8, 2015  
Issued by: Darrin R. Ives, Vice President

Effective: ~~October 8, 2015~~  
FILED 1200 Main, Kansas City, MO 64105  
Missouri Public  
Service Commission  
ER-2014-0370; YE-2016-0078

**RIDER SSR**  
**STANDBY SERVICE RIDER**

**APPLICABILITY**

Applicable to each customer not currently served by Rider E, at a single premises with behind the meter on-site parallel distributed generation and/or storage system(s) with a capacity over 100 kilowatts (kW), as a modification to standard electric service supplied under either the tariffed rate schedules of Large General Service 3(M), Small Primary Service 4(M), or Large Primary Service 11(M). Customers with emergency backup, solar or wind generation that is not integrated with a storage system are excluded from this Rider.

**DEFINITIONS**

DISTRIBUTED GENERATION AND/OR STORAGE - Customer's private on-site generation and/or storage that:

1. is located behind the meter on the customer's premises,
2. has a rated capacity of 100 kW or more,
3. operates in parallel with the Company's system, and
4. adheres to applicable interconnection agreement entered into with the Company.

SUPPLEMENTAL SERVICE - Electric service provided by the Company to customer to supplement normal operation of the customer's on-site parallel distributed generation and/or storage in order to meet the customer's full service requirements.

STANDBY SERVICE - Service supplied to the premises by the Company in the event of the customer exceeding its Supplemental Contract Capacity. Standby Service may be needed on either a scheduled or unscheduled basis. Standby Service comprises capacity and associated energy during the time it is used.

1. BACKUP SERVICE - Unscheduled Standby Service.
2. MAINTENANCE SERVICE - Scheduled Standby Service.

BACK-UP SERVICE - The portion of Standby Contract Capacity and associated energy used without advance permission from the Company. The customer must notify the Company within thirty (30) minutes of taking Back-up Service for amounts over five (5) megawatts (MW). For Back-up Service billed, the customer shall be charged the daily standby demand charge for back-up service and back-up energy charges associated with Standby Service. The rates for these charges as well as the monthly fixed charges are stated in this Rider. Back-up Service charges will be shown and calculated separately on the customer bill.

MAINTENANCE SERVICE - The portion of Standby Contract Capacity used with advance permission from the Company. The customer must schedule Maintenance Service with the Company not less than six (6) days prior to its use. Unless otherwise agreed to by the Company, Maintenance Service shall be limited to not more than six (6) occurrences and not more than sixty (60) total and partial days during twelve (12) consecutive billing periods (based on billing dates). Maintenance Service may be available during all months and shall not be greater than the seasonal Standby Contract Capacity. The scheduling of Maintenance Service may be restricted by the Company during times associated with system peaking conditions or other times as necessary. For Maintenance Service billed, the customer shall be charged the daily standby demand charge for maintenance service associated with Standby Service Demand.

RIDER SSR  
STANDBY SERVICE RIDER (Cont'd.)

DEFINITIONS (Cont'd.)

MAINTENANCE SERVICE (Cont'd.) - The rates for these daily demand charges as well as the monthly fixed charges are stated in this Rider. Energy charges for Maintenance Service associated with the Standby Service will be billed as standard energy charges per the applicable tariffed rate schedule. Maintenance Service charges will be shown and calculated separately on the customer bill.

SUPPLEMENTAL CONTRACT CAPACITY - The customer must designate and contract by season the maximum amount of demand, in kW, taken at the premises through the billing meter that may be billed on the applicable standard tariffed rate and shall be mutually agreeable to customer and Company. The Supplemental Contract Capacity shall insofar as possible estimate ninety percent (90%) of the historic or probable loads of the facility as adjusted for customer generation.

STANDBY CONTRACT CAPACITY - The higher of:

1. The number of kilowatts mutually agreed upon by Company with customer as representing the customer's maximum service requirements under all conditions of use less Supplemental Contract Capacity, and such demand shall be specified in customer's Electric Service Agreement. Such amount shall be seasonally designated and shall not exceed the nameplate rating(s) of the customer's own generation. The amount of Standby Contract Capacity will generally consider the seasonal (summer or winter billing periods) capacity ratings and use of the generator(s), or may be selected based on a Company approved load shedding plan.
2. The maximum demand established by customer in use of Company's service less the product of Supplemental Contract Capacity and 110%.

Fixed monthly charges for generation and transmission access and facilities shall be levied upon a capacity not to exceed the nameplate rating(s) of the customer's generating unit(s).

SUPPLEMENTAL DEMAND - The lesser of:

1. Supplemental Contract Capacity or
2. The Total Billing Demand in this Rider.

STANDBY SERVICE DEMAND - The Total Billing Demand as determined in this Rider in excess of the Supplemental Contract Capacity.

TOTAL BILLING DEMAND - Total Billing Demand for purposes of this Rider shall be the maximum 15 minute demand established during peak hours or 50% of the maximum 15 minute demand established during off-peak hours, whichever is greater, but in no event less than 100 kW for Large General Service or Small Primary Service, nor less than 5,000 kW for Large Primary Service.

Peak and off-peak hours are defined as follows:

Peak hours:                    10:00 A.M. to 10:00 P.M.,  
Monday through Friday

Off-peak hours:            All other hours including the entire 24 hours of the tariffed holidays as defined in the base tariff. All times stated above apply to the local effective time.

RIDER SSR  
STANDBY SERVICE RIDER (Cont'd.)

GENERAL PROVISIONS

The contract term shall be one (1) year, automatically renewable, unless usage, plant modifications or additional generation requires a change to Supplemental Contract Capacity or Standby Contract Capacity.

The Company will install and maintain the necessary suitable meters for measurement of service rendered hereunder. The Company may inspect generation logs or other evidence that the customer's generator is being used in accordance with the provisions this Rider.

Power production equipment at the customer site shall not commence parallel operation until after inspection by the Company and a written interconnection agreement is executed. The sale of excess energy to the Company may be included in the interconnection or other agreement.

If at any time customer desires to increase demand above the capacity of Company's facilities used in supplying said service due to plant modifications, customer will sign a new agreement for the full capacity of service required and in accordance with applicable rules governing extension of its distribution system.

In addition to the charges in the applicable rate schedule, customers taking service under this Rider will be subject to the applicable Administrative Charge, Generation and Transmission Access Charges, and the Facilities Charge each month contained herein. If customer chooses the Time-Of-Day (TOD) option under the applicable rate schedule such option will apply to this Rider SSR as well.

Those customers choosing to install more than one (1) generating unit on the same premises will have a twenty five percent (25%) discount applied to the monthly Generation and Transmission Access Charges and Facilities Charges applicable to each additional generator on the same premises.

In addition to the above specific rules and regulations, all of Company's General Rules and Regulations shall apply to the supply of service under this Rider.

In the event a customer adds distributed generation and/or storage after investments are made by the Company in accordance with the net revenue test described in the Company's line extension policy, the Company may require reimbursement by the customer. Such reimbursement shall be limited to that investment which was incurred within the previous five years and shall be based upon the change in load requirements on the Company's electric system.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all billed kilowatt-hours (kWh) of energy under this Rider.

Energy Efficiency Investment Charge (Rider EEIC) and Energy Efficiency Program Charge. Applicable to all billed kilowatt-hours (kWh) of energy under this Rider excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

RIDER SSR  
STANDBY SERVICE RIDER (Cont'd.)

<b>STANDBY RATE</b>			
	<b>Large General Service</b>	<b>Small Primary Service</b>	<b>Large Primary Service</b>
<b>Standby Fixed Charges</b>			
Administrative Charge	\$199.00/month	\$199.00/month	\$199.00/month
Generation and Transmission Access Charge per month per kW of Contracted Standby Demand	\$0.67/kW	\$0.67/kW	\$0.84/kW
Facilities Charge per month per kW of Contracted Standby Demand:			
Summer	\$4.13/kW	\$3.39/kW	\$3.39/kW
Winter	\$1.03/kW	\$0.72/kW	\$0.72/kW
<b>Daily Standby Demand Rate – Summer</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.04/kW	\$0.04/kW	\$1.12/kW
Maintenance	\$0.02/kW	\$0.02/kW	\$0.56/kW
<b>Daily Standby Demand Rate - Winter</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.02/kW	\$0.02/kW	\$0.54/kW
Maintenance	\$0.01/kW	\$0.01/kW	\$0.27/kW
<b>Back-Up Energy Charges – Summer</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	10.58¢/kWh	10.23¢/kWh	3.54¢/kWh
On-Peak Energy <sup>(2)</sup>	11.83¢/kWh	11.14¢/kWh	4.23¢/kWh
Off-Peak Energy <sup>(2)</sup>	9.87¢/kWh	9.72¢/kWh	3.16¢/kWh
<b>Back-Up Energy Charges – Winter</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	6.65¢/kWh	6.44¢/kWh	3.14¢/kWh
On-Peak Energy <sup>(2)</sup>	7.03¢/kWh	6.78¢/kWh	3.45¢/kWh
Off-Peak Energy <sup>(2)</sup>	6.44¢/kWh	6.26¢/kWh	2.96¢/kWh
<b>High Voltage Facilities Charge Discount</b>			
Facilities Charge Credit per month per kW of Contracted Standby Demand			
@ 34.5 or 69kV	N/A	\$1.23/kW	\$1.23/kW
@ 115kV or higher	N/A	\$1.46/kW	\$1.46/kW

(1) Applicable to customers not on TOD rates.

(2) Applicable to customers on TOD rates for its non-back-up energy charges.

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**THE STATE CORPORATION COMMISSION OF KANSAS**

WESTAR ENERGY, INC &amp; KANSAS GAS &amp; ELECTRIC COMPANY, d.b.a. WESTAR ENERGY

(Name of Issuing Utility)

SCHEDULE \_\_\_\_\_ SSR \_\_\_\_\_

Replacing Schedule \_\_\_\_\_ SSR \_\_\_\_\_ Sheet \_\_\_\_\_ 1 \_\_\_\_\_

WESTAR RATE AREA

(Territory to which schedule is applicable)

which was filed \_\_\_\_\_ April 18, 2012 \_\_\_\_\_

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

Sheet 1 of 5 Sheets

**STANDBY SERVICE RIDER****AVAILABLE**

Available throughout Company's service area for standby service. Service is subject to the **DEFINITIONS AND CONDITIONS** section below.

**NET MONTHLY BILL**

A Customer contracting for Standby Service shall sign an Electric Service Agreement that shall state the capacity the customer is requesting Company to backup, and energy the customer is requesting as maintenance service. The Electric Service Agreement shall indicate the rate schedule under which the customer would be billed for service if the standby service is demanded from Company.

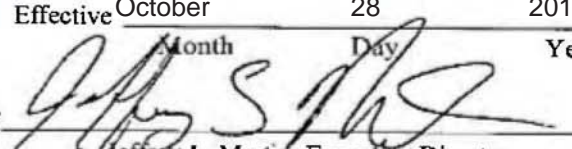
- i) **Back-up Service:** The rates shall be as stated in, and total charge calculated according to, the rate schedule under which a customer contracts for this service.
- ii) **Supplemental Service:** The rates shall be as stated in, and total charge calculated according to, the rate schedule under which a customer contracts for this service.
- iii) **Maintenance Service:** The rate shall be the charge per kWh as indicated in the rate schedule under which a customer takes Supplemental Service, or the otherwise applicable rate schedule if no Supplemental Service is taken, plus one cent. The total charge shall be calculated by multiplying this rate times maintenance energy.

**DEFINITIONS AND CONDITIONS**

1. Standby service shall be defined as Back-up, Maintenance, and/or Supplemental Service provided by Company to a customer with on-site generating facilities, Qualifying Facilities, and/or all services required by the customers contracting for service under the Parallel Generation Rider. Qualifying Facilities are cogenerators and small power producers as defined in FERC Order No. 18 CFR Part 292.

Issued \_\_\_\_\_  
Month Day Year

Effective October 28 2015  
Month Day Year

By   
Jeffrey L. Martin, Executive Director

15-WSEE-115-RTS

Approved *15e*

Kansas Corporation Commission

October 28, 2015

/S/ Amy L. Green

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**THE STATE CORPORATION COMMISSION OF KANSAS**

WESTAR ENERGY, INC &amp; KANSAS GAS &amp; ELECTRIC COMPANY, d.b.a. WESTAR ENERGY

(Name of Issuing Utility)

WESTAR RATE AREA

(Territory to which schedule is applicable)

SCHEDULE \_\_\_\_\_ SSR \_\_\_\_\_

Replacing Schedule \_\_\_\_\_ SSR \_\_\_\_\_ Sheet 2

which was filed April 18, 2012

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

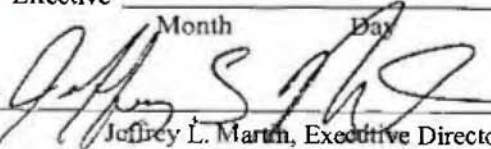
Sheet 2 of 5 Sheets

**STANDBY SERVICE RIDER****DEFINITIONS AND CONDITIONS CONTINUED**

2. All provisions set forth in the rate schedule under which a customer contracts for Back-up, Supplemental, and/or Maintenance Service shall apply to the extent they are not superseded by provisions of this Rider.
3. The services covered by this Rider are defined as follows:
  - (a) Back-up Service is capacity and energy, other than that provided for under (b) and (c) immediately following, specified by a customer for use during periods of unscheduled outage, to replace capacity and energy normally provided by the customer's on-site generating facilities. In no event shall capacity for Back-up Service exceed the net continuous capability of the customer's generating facilities.
  - (b) Supplemental Service is capacity and energy provided for a customer in addition to capacity and energy provided under Back-up and/or Maintenance Service. When determining the rate schedule under which the customer shall take Supplemental Service, the total electrical requirement of the customer may be considered.
  - (c) Maintenance Service is non-firm capacity, contracted for by a customer up to the net continuous capability of the customer's generating facilities, and energy, scheduled in advance by the customer for use during planned maintenance of the customer's on-site generating facilities and subject to paragraph seven below.
4. Service shall normally be measured at delivery voltage, however, Company reserves the right to measure service at other than delivery voltage and compensate accordingly. Additional investment for facilities required to provide capacity and energy for, Back-up and/or Maintenance Service, including metering equipment, shall be paid for by the customer.

 Issued \_\_\_\_\_  
                     Month                    Day                    Year

 Effective October 28 2015  
                     Month                    Day                    Year

 By  \_\_\_\_\_  
                     Jeffrey L. Martin, Executive Director

15-WSEE-115-RTS

Approved *15e*

Kansas Corporation Commission

October 28, 2015

/S/ Amy L. Green

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**THE STATE CORPORATION COMMISSION OF KANSAS**

WESTAR ENERGY, INC &amp; KANSAS GAS &amp; ELECTRIC COMPANY, d.b.a. WESTAR ENERGY

(Name of Issuing Utility)

WESTAR RATE AREA

(Territory to which schedule is applicable)

SCHEDULE SSRReplacing Schedule SSR Sheet 3which was filed April 18, 2012No supplement or separate understanding  
shall modify the tariff as shown hereon.

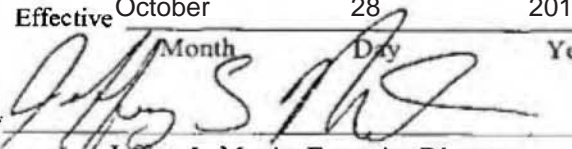
Sheet 3 of 5 Sheets

**STANDBY SERVICE RIDER****DEFINITIONS AND CONDITIONS CONTINUED****5. Capacity and energy shall be determined as follows:**

- (a) Contracted Maintenance Service capacity shall be that level of capacity agreed to by Company prior to Maintenance Service being taken and subject to paragraph seven below.
- (b) Supplemental Service capacity shall be the greater of (i) the maximum capacity recorded by Company meter at times other than scheduled maintenance periods, or (ii) the maximum capacity recorded by Company meter less any contracted Maintenance Service capacity scheduled for use during the hour in which maximum capacity is recorded. Supplemental Service capacity shall be limited to the contract maximum specified in a customer's service agreement. However, should capacity as recorded by Company meter exceed (iii) the sum of contracted Back-up Service capacity plus contracted maximum Supplemental Service capacity at times other than scheduled maintenance periods, and/or (iv) the sum of contracted Back-up Service capacity plus contracted maximum Supplemental Service capacity plus contracted Maintenance Service capacity scheduled for use during the hour in which maximum capacity is recorded, the customer's contracted maximum Supplemental Service capacity shall be increased by the amount of the greatest excess. In no event shall the customer's billing capacity be less than the minimum capacity, as established according to paragraph 5 (d) below, specified in the customer's Electric Service Agreement.
- (c) Back-up Service capacity shall be the greater of (i) the maximum capacity recorded by Company meter less a customer's contracted maximum Supplemental Service capacity, at times other than scheduled maintenance periods, or (ii) the maximum capacity recorded by Company meter less the sum of the customer's contracted maximum Supplemental Service capacity plus contracted Maintenance Service capacity scheduled for use during the hour in which maximum capacity is recorded. In no event shall Back-up Service capacity be less than zero or more than the maximum amount specified in the customer's Electric Service Agreement.

Issued \_\_\_\_\_  
 \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

Effective October 28 2015  
 \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

By   
 Jeffrey L. Martin, Executive Director

15-WSEE-115-RTS

Approved *15e*

Kansas Corporation Commission

October 28, 2015

/S/ Amy L. Green

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**THE STATE CORPORATION COMMISSION OF KANSAS**

WESTAR ENERGY, INC &amp; KANSAS GAS &amp; ELECTRIC COMPANY, d.b.a. WESTAR ENERGY

(Name of Issuing Utility)

SCHEDULE SSRReplacing Schedule SSR Sheet 4

WESTAR RATE AREA

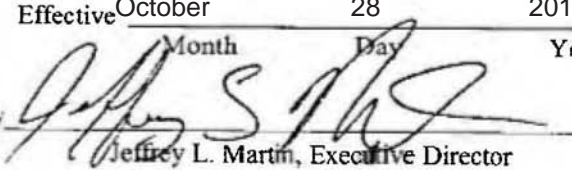
(Territory to which schedule is applicable)

which was filed April 18, 2012No supplement or separate understanding  
shall modify the tariff as shown hereon.

Sheet 4 of 5 Sheets

**STANDBY SERVICE RIDER****DEFINITIONS AND CONDITIONS CONTINUED**

- (d) For purposes of this Rider, a single minimum capacity shall be established, based on the entire load of a customer, without consideration for the types and number of services specified in the customer's Electric Service Agreement. Capacity recorded by Company meter shall serve to satisfy all or part of the minimum capacity requirement, irrespective of the purpose of such capacity. Any minimum capacity remaining after adjusting for capacity recorded by Company meter, shall be multiplied by the highest capacity charge contained in any rate schedule used by the customer under this Rider.
- (e) Maintenance Service energy shall be the lesser of (i) metered energy during the scheduled maintenance period or (ii) metered energy during the scheduled maintenance period minus Supplemental Service capacity, as determined in 5 (b) above, times the number of hours in the maintenance period.
- (f) Supplemental Service energy shall be the lesser of (i) the product of the Supplemental Service capacity, as determined in 5 (b) above, times the hours in the billing cycle or (ii) metered energy less Maintenance Service energy.
- (g) Back-up Service energy shall be metered energy less Supplemental Service energy less Maintenance Service energy.
- (h) For purposes of this Rider, a customer shall be charged a single basic service fee irrespective of the number of services taken. The customers taking service under more than one rate schedule, each with the basic service fee, shall pay the larger of said charges.

Issued \_\_\_\_\_  
Month Day YearEffective October 28 2015  
Month Day YearBy   
Jeffrey L. Martin, Executive Director

15-WSEE-115-RTS

Approved *15e*

Kansas Corporation Commission

October 28, 2015

/S/ Amy L. Green

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**THE STATE CORPORATION COMMISSION OF KANSAS**

WESTAR ENERGY, INC &amp; KANSAS GAS &amp; ELECTRIC COMPANY, d.b.a. WESTAR ENERGY

(Name of Issuing Utility)

WESTAR RATE AREA

(Territory to which schedule is applicable)

SCHEDULE \_\_\_\_\_ SSR \_\_\_\_\_

Replacing Schedule \_\_\_\_\_ SSR \_\_\_\_\_ Sheet 5which was filed April 18, 2012No supplement or separate understanding  
shall modify the tariff as shown hereon.

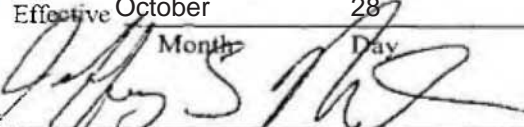
Sheet 5 of 5 Sheets

**STANDBY SERVICE RIDER****DEFINITIONS AND CONDITIONS CONTINUED**

6. Maintenance Service may be provided twice during any 12 consecutive months for a maximum of 15 days in each maintenance period, if the beginning and end of the service period falls between October 1 and May 31 of the following year. For capacity greater than 1000 kVA, a customer shall notify Company at least 120 days in advance of its preferred maintenance schedule. Upon consent of Company, a preliminary maintenance schedule shall be established for the customer and best efforts shall be made to provide the service when scheduled, however, being non-firm, the schedule is not guaranteed. The Customer shall notify Company 24 hours before each planned outage of its on-site generating facility. Maintenance Service may also be provided once each billing period, other than June, July, August, and September, for a maximum of 72 continuous hours provided such service begins between 10 p.m. Friday and 12 p.m. Saturday.
7. Electric Service Agreements under this Rider shall depend on a customer's capacity and energy requirements and the investment required by Company, but in no event shall the initial term be less than three years. Electric Service Agreements shall automatically be renewed at the end of the initial term or extension thereof for two year periods unless canceled. Electric Service Agreements may be canceled at the end of the initial term or extension thereof on not less than 12 months prior written notice.
8. Company requires a customer to comply with the "General Conditions for Interconnection of Customer Owned Generation with Westar's transmission or distribution system."

Issued \_\_\_\_\_  
 Month Day Year

Effective October 28 2015  
 Month Day Year

By   
 Jeffrey L. Martin, Executive Director

15-WSEE-115-RTS

Approved *15c*

Kansas Corporation Commission

October 28, 2015

/S/ Amy L. Green