



201 Third Street
P.O. Box 24
Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

June 24, 2021

VIA Electronic Tariff Filing System

Ms. Linda C. Bridwell
Executive Director
Public Service Commission
211 Sower Boulevard, P.O. Box 615
Frankfort, Kentucky 40602-0615

Re: *Large Industrial Customer Standby Service Tariff Filing of Big Rivers Electric Corporation* – TFS No. 2021-_____

Dear Ms. Bridwell:

Big Rivers Electric Corporation is filing with this letter, using the Kentucky Public Service Commission's Electronic Tariff Filing System, new tariff sheets to implement a Large Industrial Customer Standby Service tariff schedule to provide a default rate for supplemental, maintenance, and backup power for any large industrial customers on the Big Rivers system who install their own generation; who request supplemental, maintenance, and backup power service; and who do not have a special contract that provides rates for supplemental, maintenance, and backup power service.

Big Rivers is also filing with this letter supporting testimony, as well as a revised page from its tariff table of contents to include the new Large Industrial Customer Standby Service tariff schedule.

On this date, Big Rivers has provided notice of this tariff filing to its three Members – Jackson Purchase Energy Corporation, Kenergy Corp., and Meade County Rural Electric Cooperative Corporation – by mailing them a copy of this letter and the other documents being filed with this letter, including the proposed tariff sheets. See 807 KAR 5:011 Section 8(2)(a). An affidavit from an authorized Big Rivers representative verifying the contents of the customer notice, that the notice was mailed to all customers, and the date of the mailing is being filed with this letter. See 807 KAR 5:011 Section 8(3)(a).

Ms. Linda C. Bridwell

June 24, 2021

Page 2

Should you have any questions about this tariff filing, the notice to the Members, or the other documents referenced herein, you may contact me at 270-844-6185 or at tyson.kamuf@bigrivers.com.

Sincerely yours,

/s/ Tyson Kamuf

Tyson Kamuf
Corporate Attorney

cc: Gregory H. Grissom
Jeffrey A. Hohn
Martin W. Littrel



Big Rivers Electric Corporation Table of Contents

Standard Electric Rate Schedules – Terms and Conditions

	<u>Title</u>	<u>Sheet Number</u>	<u>Effective Date</u>	
SECTION 1 – Standard Rate Schedules (<i>continued</i>)				
LIC	Large Industrial Customer	26	02-01-2014	
LICX	Large Industrial Customer Expansion	30.01	08-17-2020	
CATV	Cable Television Attachment	31	02-01-2014	
QFP	Cogeneration/Small Power Production Purchase – Over 100 KW	39	02-01-2014	
QFS	Cogeneration/Small Power Production Sales – Over 100 KW	42	02-01-2014	
SET	Supplemental Energy Transaction	50	02-01-2014	
SECTION 2 – Adjustment Clauses and Service Riders				
CSR	Voluntary Price Curtable Service Rider	52	02-01-2014	
RRES	Renewable Resource Energy Service	57	02-01-2014	
RA	Rebate Adjustment	59	02-01-2014	
ES	Environmental Surcharge	60	02-01-2014	
FAC	Fuel Adjustment Clause	62	10-30-2016	
MRSM	Member Rate Stability Mechanism	65	06-25-2020	
<u>LICSS</u>	<u>Large Industrial Customer Standby Service</u>	<u>69</u>	<u>08-01-2021</u>	<u>[T]</u>
US	Unwind Surcredit	70	02-01-2014	
RER	Rural Economic Reserve Rider	72	02-01-2014	
NSNFP	Non-Smelter Non-FAC PPA	76	02-01-2014	

DATE OF ISSUE	September 3, 2020 <u>June 24, 2021</u>
DATE EFFECTIVE	August 17, 2020 <u>August 1, 2021</u>

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
 President and Chief Executive Officer
 Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420
*Issued by Authority of an Order of the Commission,
 dated August 17, 2020, in Case No. 2019-00365*



(Name of Utility)

For All Territory Served By
Cooperative's Transmission System
P.S.C. KY. No. 27

~~Second Revised~~
~~Third Revised~~ SHEET NO. 69

CANCELLING P.S.C. KY. No. 27

~~First Revised~~
~~Second Revised~~ SHEET NO. 69

RATES, TERMS AND CONDITIONS – SECTION 2

~~MRSM – Member Rate Stability Mechanism – (continued)~~
~~Tariff Sheet CANCELLED~~
~~Reserved for Future Use~~

LICSS – Large Industrial Customer Standby Service

[T]
[T]
[T]
[N]

Applicability:

In all territory served by Big Rivers' transmission system.

Availability:

This schedule is available to any of Big Rivers' then existing Member Cooperatives for service to any large industrial customer of the Member Cooperative having generation equipment capable of supplying all or a portion of its power requirements for other than emergency purposes, who requests supplemental, maintenance or backup power, and who has or enters into a special contract that provides rates for electric service other than supplemental, maintenance or backup power (the "Standby Customer"). This schedule shall only apply to a Member Cooperative who has a standby service tariff under which it can pass through the charges under this schedule to a Standby Customer.

Term:

This rate schedule shall take effect at 12:01 AM CPT on the effective date of this tariff.

Definitions:

Please see Section 4 for definitions common to all tariffs.

"Supplemental Power Service" – a service which provides transmission capacity to the Standby Customer as well as the energy and capacity requirements for use by the Standby Customer's facility in addition to the electric power which the Standby Customer ordinarily generates on its own.

DATE OF ISSUE February 26, 2019
June 24, 2021
DATE EFFECTIVE October 23, 2018
August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420
*Issued by Authority of an Order of the Commission,
dated October 23, 2018, in Case No. 2018-00146*



(Name of Utility)

For All Territory Served By
Cooperative's Transmission System
P.S.C. KY. No. 27

~~First Revised~~
~~Second Revised~~ SHEET NO. 69.01

CANCELLING P.S.C. KY. No. 27

~~Original~~
~~First Revised~~ SHEET NO. 69.01

RATES, TERMS AND CONDITIONS – SECTION 2

~~MRSM – Member Rate Stability Mechanism – (continued)~~
~~Tariff Sheet CANCELLED~~
~~Reserved for Future Use~~
~~LICSS – large Industrial Customer Standby Service – (continued)~~

[T]
[T]
[T]
[N]

Definitions (continued):

“Maintenance Power Service” – a service which provides transmission capacity as well as the energy and capacity requirements for use by the Standby Customer during scheduled outages or interruptions of the Standby Customer’s own generation.

“Backup Power Service” – a service which provides transmission capacity as well as the energy and capacity requirements for use by the Standby Customer to replace energy generated by the Standby Customer’s own generation during an unscheduled outage or other interruption of the Standby Customer’s own generation.

“Self-Supply Capacity” – the demonstrated capacity of the Standby Customer’s generating unit(s), as determined by the reduction in Big Rivers’ MISO Planning Reserve Margin Requirement that results from the Standby Customer’s own generation.

Billing:

The provisions of the Standard Rate Schedule LIC – Large Industrial Customer tariff schedule and all applicable adjustment clauses and riders shall apply to Supplemental Power Service, Maintenance Power Service and Backup Power Service except where noted otherwise.

Big Rivers shall bill each Member Cooperative in accordance with the billing and payment terms set forth in the Billing section of Big Rivers’ Standard Rate Schedule LIC – Large Industrial Customer tariff schedule, or the Standby Customer’s special contract with the Member Cooperative. Each month, each Member Cooperative shall be required to pay separately for each of its Standby Customers taking service under this schedule, in each case using that individual Standby Customer’s contract demand (if any) or metered demand, as applicable.

DATE OF ISSUE February 26, 2019
June 24, 2021
DATE EFFECTIVE October 23, 2018
August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420
*Issued by Authority of an Order of the Commission,
dated October 23, 2018, in Case No. 2018-00146*



(Name of Utility)

For All Territory Served By
Cooperative's Transmission System
P.S.C. KY. No. 27

Original SHEET NO. 69.02

CANCELLING P.S.C. KY. No. _____

_____ SHEET NO. _____

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – Large Industrial Customer Standby Service (continued)

[N]

A. Supplemental Power Service

Requirements

1. The level of demand required for Supplemental Power Service shall be the level of demand under the special contract between the Member Cooperative and the Standby Customer.
2. All power not specifically identified as Maintenance Power or Backup Power shall be deemed to be Supplemental Power.
3. The total of the Supplemental Power, Maintenance Power, and Backup Power demand shall not exceed Standby Customer's Maximum Contract Demand in any month. Maintenance Power and Backup Power demand shall not be included in determining minimum demand charges for any month.

Billing

1. Supplemental Power energy shall be the actual measured energy excluding Maintenance Power energy and Backup Power energy sold to the Standby Customer in each month.
2. Demand and Energy Charges: All Supplemental Power shall be billed under the terms and charges of Big Rivers' Standard Rate Schedule LIC – Large Industrial Customer tariff schedule.

DATE OF ISSUE June 24, 2021
DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420



(Name of Utility)

For All Territory Served By
Cooperative's Transmission System
P.S.C. KY. No. 27

Original SHEET NO. 69.03

CANCELLING P.S.C. KY. No. _____

_____ SHEET NO. _____

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – Large Industrial Customer Standby Service (continued)

[N]

B. Maintenance Power Service and Backup Power Service

Requirements

1. The level of Maintenance Power/Backup Power demand shall equal the Standby Customer's Self-Supply Capacity.
2. The Standby Customer shall be required to cooperate with Big Rivers to schedule Maintenance outages so as to maximize the value of Standby Customer's Self-Supply Capacity. The Standby Customer's Maintenance Power requirements for each generating unit must be submitted to Big Rivers at least sixty (60) days prior to the beginning of each calendar year. Within thirty (30) days of such submission, Big Rivers shall respond to the Standby Customer either approving the Maintenance Power schedule or requesting that the Standby Customer reschedule those Maintenance Power requirements. The Standby Customer may adjust the Maintenance Power schedule upon prior notice to Big Rivers.
3. The Standby Customer shall notify Big Rivers by telephone within one (1) hour of the beginning and end of any outage. Within forty-eight (48) hours of the end of an outage, the Standby Customer shall supply written notice to Big Rivers of the dates and times of the outage with verification that the outage had occurred.

Billing

1. Administrative Charge: The Administrative Charge shall be \$150 per month.
2. Demand Charges: All Maintenance Power/Backup Power demand shall be billed at Big Rivers' Standard Rate Schedule LIC – Large Industrial Customer tariff rate, less a credit equal to \$3.80 per kW-month times Standby Customer's Self-Supply Capacity.

DATE OF ISSUE June 24, 2021
DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420



(Name of Utility)

For All Territory Served By
Cooperative's Transmission System
P.S.C. KY. No. 27

Original SHEET NO. 69.04

CANCELLING P.S.C. KY. No. _____

_____ SHEET NO. _____

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – Large Industrial Customer Standby Service (continued)

[N]

Billing (continued)

- 3. Energy Charges: All Maintenance Power/Backup Power energy usage shall be billed at the higher of the charges of Big Rivers' Standard Rate Schedule LIC – Large Industrial Customer tariff schedule or the market price, which shall include the energy charge Big Rivers would have had to pay to provide service to the Member Cooperative for the Standby Customer, plus any transmission charges, MISO fees, or other costs.
- 4. During any period in which the metered output of the Standby Customer's generator is less than its Self-Supply Capacity, Maintenance Power/Backup Power energy shall be the first through the meter, up to the Self-Supply Capacity. Energy consumed above the Self-Supply Capacity for any period shall be Supplemental Power Energy.

Terms and Conditions:

- 1. The Standby Customer shall be subject to all adders, riders, terms and conditions, and other provisions of any applicable schedule of the Member Cooperative's tariff under which the Standby Customer takes service.
- 2. Standby Customer shall be required to adhere to Big Rivers' requirements and procedures for interconnection.
- 3. The Standby Customer shall be required to allow Big Rivers to meter Standby Customer's generation, and to provide access for Big Rivers to install, operate and maintain the metering equipment, which shall remain the property of Big Rivers.
- 4. The Standby Customer shall be required to pay the cost of any additional facilities associated with providing service under the provisions of this schedule.
- 5. The Standby Customer shall be responsible for any MISO charges, fees, penalties, or other costs associated with Standby Customer's generation, outages of Standby Customer's generation, or Maintenance or Backup Power service.

DATE OF ISSUE June 24, 2021
DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420



(Name of Utility)

For All Territory Served By
Cooperative's Transmission System
P.S.C. KY. No. 27

Original SHEET NO. 69.05

CANCELLING P.S.C. KY. No. _____

_____ SHEET NO. _____

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – Large Industrial Customer Standby Service (continued)

[N]

Terms and Conditions (continued):

- 6. The Standby Customer shall not transmit energy to Big Rivers or to the Member Cooperative.
- 7. The Member Cooperative may enter into special agreements with Big Rivers and Standby Customers which may deviate from the provisions of this schedule. Such agreements shall address those significant characteristics of service and cost which would influence the need for such an agreement.
- 8. The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Big Rivers' and the Member Cooperative's generally applicable rules, terms, and conditions currently in effect, as filed with the Kentucky Public Service Commission.



DATE OF ISSUE June 24, 2021
DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420

Big Rivers Electric Corporation Table of Contents

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US	Unwind Surcredit	70	02-01-2014	
RER	Rural Economic Reserve Rider	72	02-01-2014	
NSNFP	Non-Smelter Non-FAC PPA	76	02-01-2014	

DATE OF ISSUE June 24, 2021
 DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
 Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420



(Name of Utility)

For All Territory Served By
 Cooperative's Transmission System
 P.S.C. KY. No. 27

Third Revised SHEET NO. 69

CANCELLING P.S.C. KY. No. 27

Second Revised SHEET NO. 69

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – Large Industrial Customer Standby Service

[N]

Applicability:

Applicable in all territory served by Big Rivers' transmission system.

Availability:

This schedule is available to any of Big Rivers' then existing Member Cooperatives for service to any large industrial customer of the Member Cooperative having generation equipment capable of supplying all or a portion of its power requirements for other than emergency purposes, who requests supplemental, maintenance or backup power, and who has or enters into a special contract that provides rates for electric service other than supplemental, maintenance or backup power (the "Standby Customer"). This schedule shall only apply to a Member Cooperative who has a standby service tariff under which it can pass through the charges under this schedule to a Standby Customer.

Term:

This rate schedule shall take effect at 12:01 AM CPT on the effective date of this tariff.

Definitions:

Please see Section 4 for definitions common to all tariffs.

"Supplemental Power Service" – a service which provides transmission capacity to the Standby Customer as well as the energy and capacity requirements for use by the Standby Customer's facility in addition to the electric power which the Standby Customer ordinarily generates on its own.

DATE OF ISSUE June 24, 2021
 DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
 President and Chief Executive Officer
 Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420



(Name of Utility)

For All Territory Served By
 Cooperative's Transmission System
 P.S.C. KY. No. 27

Second Revised SHEET NO. 69.01

CANCELLING P.S.C. KY. No. 27

First Revised SHEET NO. 69.01

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – large Industrial Customer Standby Service – (continued)

[N]

Definitions (continued):

“Maintenance Power Service” – a service which provides transmission capacity as well as the energy and capacity requirements for use by the Standby Customer during scheduled outages or interruptions of the Standby Customer’s own generation.

“Backup Power Service” – a service which provides transmission capacity as well as the energy and capacity requirements for use by the Standby Customer to replace energy generated by the Standby Customer’s own generation during an unscheduled outage or other interruption of the Standby Customer’s own generation.

“Self-Supply Capacity” – the demonstrated capacity of the Standby Customer’s generating unit(s), as determined by the reduction in Big Rivers’ MISO Planning Reserve Margin Requirement that results from the Standby Customer’s own generation.

Billing:

The provisions of the Standard Rate Schedule LIC – Large Industrial Customer tariff schedule and all applicable adjustment clauses and riders shall apply to Supplemental Power Service, Maintenance Power Service and Backup Power Service except where noted otherwise.

Big Rivers shall bill each Member Cooperative in accordance with the billing and payment terms set forth in the Billing section of Big Rivers’ Standard Rate LIC – Large Industrial Schedule tariff schedule, or the Standby Customer’s special contract with the Member Cooperative. Each month, each Member Cooperative shall be required to pay separately for each of its Standby Customers taking service under this schedule, in each case using that individual Standby Customer’s contract demand (if any) or metered demand, as applicable.

DATE OF ISSUE June 24, 2021
 DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
 President and Chief Executive Officer
 Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420



(Name of Utility)

For All Territory Served By
Cooperative's Transmission System
P.S.C. KY. No. 27

Original SHEET NO. 69.02

CANCELLING P.S.C. KY. No. _____

_____ SHEET NO. _____

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – Large Industrial Customer Standby Service (continued)

[N]

A. Supplemental Power Service

Requirements

1. The level of demand required for Supplemental Power Service shall be the level of demand under the special contract between the Member Cooperative and the Standby Customer.
2. All power not specifically identified as Maintenance Power or Backup Power shall be deemed to be Supplemental Power.
3. The total of the Supplemental Power, Maintenance Power, and Backup Power demand shall not exceed Standby Customer's Maximum Contract Demand in any month. Maintenance Power and Backup Power demand shall not be included in determining minimum demand charges for any month.

Billing

1. Supplemental Power energy shall be the actual measured energy excluding Maintenance Power energy and Backup Power energy sold to the Standby Customer in each month.
2. Demand and Energy Charges: All Supplemental Power shall be billed under the terms and charges of Big Rivers' Standard Rate Schedule LIC – Large Industrial Customer tariff schedule.

DATE OF ISSUE June 24, 2021
DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420



(Name of Utility)

For All Territory Served By Cooperative's Transmission System P.S.C. KY. No. 27 Original SHEET NO. 69.03 CANCELLING P.S.C. KY. No. SHEET NO.

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – Large Industrial Customer Standby Service (continued)

[N]

B. Maintenance Power Service and Backup Power Service

Requirements

- 1. The level of Maintenance Power/Backup Power demand shall equal the Standby Customer's Self-Supply Capacity.
2. The Standby Customer shall be required to cooperate with Big Rivers to schedule Maintenance outages so as to maximize the value of Standby Customer's Self-Supply Capacity.
3. The Standby Customer shall notify Big Rivers by telephone within one (1) hour of the beginning and end of any outage.

Billing

- 1. Administrative Charge: The Administrative Charge shall be \$150 per month.
2. Demand Charges: All Maintenance Power/Backup Power demand shall be billed at the Standard Rate Schedule LIC – Large Industrial Customer tariff rate, less a credit equal to \$3.80 per kW-month times Standby Customer's Self-Supply Capacity.

DATE OF ISSUE June 24, 2021
DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry, President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420



(Name of Utility)

For All Territory Served By
Cooperative's Transmission System
P.S.C. KY. No. 27

Original SHEET NO. 69.04

CANCELLING P.S.C. KY. No. _____

_____ SHEET NO. _____

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – Large Industrial Customer Standby Service (continued)

[N]

Billing (continued)

3. Energy Charges: All Maintenance Power/Backup Power energy usage shall be billed at the higher of the charges of Big Rivers' Standard Rate Schedule LIC – Large Industrial Customer tariff schedule or the market price, which shall include the energy charge Big Rivers would have had to pay to provide service to the Member Cooperative for the Standby Customer, plus any transmission charges, MISO fees, or other costs.
4. During any period in which the metered output of the Standby Customer's generator is less than its Self-Supply Capacity, Maintenance Power/Backup Power energy shall be the first through the meter, up to the Self-Supply Capacity. Energy consumed above the Self-Supply Capacity for any period shall be Supplemental Power energy.

Terms and Conditions:

1. The Standby Customer shall be subject to all adders, riders, terms and conditions, and other provisions of any applicable schedule of the Member Cooperative's tariff under which the Standby Customer takes service.
2. Standby Customer shall be required to adhere to Big Rivers' requirements and procedures for interconnection.
3. The Standby Customer shall be required to allow Big Rivers to meter Standby Customer's generation, and to provide access for Big Rivers to install, operate and maintain the metering equipment, which shall remain the property of Big Rivers.
4. The Standby Customer shall be required to pay the cost of any additional facilities associated with providing service under the provisions of this schedule.
5. The Standby Customer shall be responsible for any MISO charges, fees, penalties, or other costs associated with Standby Customer's generation, outages of Standby Customer's generation, or Maintenance or Backup Power service.

DATE OF ISSUE June 24, 2021
DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420



(Name of Utility)

For All Territory Served By
Cooperative's Transmission System
P.S.C. KY. No. 27

Original SHEET NO. 69.05

CANCELLING P.S.C. KY. No. _____

_____ SHEET NO. _____

RATES, TERMS AND CONDITIONS – SECTION 2

LICSS – Large Industrial Customer Standby Service (continued)

[N]

Terms and Conditions (continued):

- 6. The Standby Customer shall not transmit energy to Big Rivers or to the Member Cooperative.
- 7. The Member Cooperative may enter into special agreements with Big Rivers and Standby Customers which may deviate from the provisions of this schedule. Such agreements shall address those significant characteristics of service and cost which would influence the need for such an agreement.
- 8. The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Commission, and to Big Rivers' and the Member Cooperative's generally applicable rules, terms, and conditions currently in effect, as filed with the Commission.



DATE OF ISSUE June 24, 2021
DATE EFFECTIVE August 1, 2021

/s/ Robert W. Berry

ISSUED BY: Robert W. Berry,
President and Chief Executive Officer
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

AFFIDAVIT OF SENTHIA SANTANA

COMMONWEALTH OF KENTUCKY)
COUNTY OF HENDERSON)

Comes the affiant, Senthia Santana, and after being duly sworn, states as follows:

1. I am employed by Big Rivers Electric Corporation ("Big Rivers") as in house counsel. I am an authorized representative of Big Rivers for purposes of this affidavit.
2. On June 24, 2021, Big Rivers electronically filed new tariff sheets to implement a new Large Industrial Customer Standby Service tariff schedule.
3. Pursuant to 807 KAR 5:011 Section 8(3)(a), I verify that on June 24, 2021, Big Rivers mailed the notice letter being filed with this affidavit as required by 807 KAR 5:011 Section 8 to its only three customers (its three member distribution cooperatives).

Senthia Santana

Senthia Santana

SUBSCRIBED AND SWORN TO before me by Senthia Santana on this the 24th
day of June, 2021.

Joy P. Parsley

Notary Public, Kentucky State at Large

My Commission Expires: _____

Notary ID: _____

Notary Public, Kentucky State-At-Large
My Commission Expires: July 10, 2022
ID: 604480



201 Third Street
P.O. Box 24
Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

June 24, 2021

Mr. Greg Grissom
President and CEO
Jackson Purchase Energy Corp.
2900 Irvin Cobb Drive
P.O. Box 4030
Paducah, KY 42002

Mr. Jeff Hohn
President and CEO
Kenergy Corp.
6402 Old Corydon Road
P.O. Box 18
Henderson, KY 42419-0018

Mr. Marty Littrel
President and CEO
Meade County Rural Electric Cooperative Corporation
1351 Hwy. 79
Brandenburg, KY 40108

**RE: *NOTICE BY BIG RIVERS ELECTRIC CORPORATION OF FILING OF
NEW TARIFF***

Gentlemen:

Big Rivers Electric Corporation (“*Big Rivers*”) today made a tariff filing to the Kentucky Public Service Commission (“*Commission*”), filing a new Large Industrial Customer Standby Service or LICSS tariff. Big Rivers is providing this notice pursuant to 807 KAR 5:011 Section 8. The issue date of the tariff is the date the tariff was filed, June 24, 2021, and the tariff has a proposed effective date of August 1, 2021.

The only Big Rivers customer class to which the LICSS tariff applies is Big Rivers’ Large Industrial class, and it only applies to your retail service to a Large Industrial Customer who self-generates power; who requests supplemental, maintenance, or backup power; and who has or enters into a special contract that does not provide rates for supplemental, maintenance, and backup power (a “*Standby Customer*”). The LICSS also only applies if you chose to adopt a standby service tariff under which you pass through the charges under the LICSS tariff to a Standby Customer.



Mr. Greg Grissom
Mr. Jeff Hohn
Mr. Marty Littrel
June 24, 2021
Page 2 of 2

As this is a new tariff schedule, there are no present rates for supplemental, maintenance, or backup power. The proposed rates include a \$50/month Administrative Charge. The proposed rates for supplemental power are the same as Big Rivers' Standard Rate LIC tariff schedule. The proposed demand charges for maintenance and backup power is the demand rate under Big Rivers' Standard Rate LIC tariff schedule, less a credit equal to \$3.80/kw-month times the retail customer's Self-Supply Capacity. The proposed energy charges for maintenance and backup power are the higher of the energy charges under Big Rivers' Standard LIC tariff schedule, or the market price, including any energy charges, transmission charges, MISO fees, and other costs.

Also, as this is a new tariff schedule that is voluntary, Big Rivers is unable to provide the average usage and the effect upon the average bill for each customer classification to which the LICSS tariff will apply.

A person may examine this tariff filing at Big Rivers' offices located at 201 Third Street, Henderson, Kentucky 42420. A person may also examine this tariff filing at the Commission's offices located at 211 Sower Boulevard, Frankfort, Kentucky, Monday through Friday, 8:00 a.m. to 4:30 p.m. (Eastern) or through the Commission's website at <http://psc.ky.gov>.

Comments regarding this tariff filing may be submitted to the Public Service Commission through its website or by mail to Public Service Commission, Post Office Box 615, Frankfort, Kentucky 40602.


The rates contained in the new tariff are the rates proposed by Big Rivers, but the Public Service Commission may order rates to be charged that differ from Big Rivers' proposed tariff.

A person may submit a timely written request for intervention to the Public Service Commission, Post Office Box 615, Frankfort, Kentucky 40602, establishing the grounds for the request including the status and interest of the party. If the Commission does not receive a written request for intervention within thirty (30) days of the initial mailing of this notice, the Commission may take final action on the tariff filing.

Sincerely yours,

/s/ Tyson Kamuf

Tyson Kamuf
Corporate Attorney



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**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

5 IN THE MATTER OF:

LARGE INDUSTRIAL CUSTOMER)	TFS No.
STANDBY SERVICE TARIFF FILING OF)	2021-00_____
BIG RIVERS ELECTRIC CORPORATION)	

DIRECT TESTIMONY OF JOHN WOLFRAM

I. INTRODUCTION

9 **Q. State your name, occupation and business address.**

10 A. My name is John Wolfram. I am the Principal of Catalyst Consulting
11 LLC. My business address is 3308 Haddon Road, Louisville, Kentucky
12 40241.

13 **Q. On whose behalf are you testifying?**

14 A. I am testifying on behalf of Big Rivers Electric Corporation (“*Big Rivers*”).

15 **Q. Briefly describe your education and work experience.**

16 A. I received a Bachelor of Science degree in Electrical Engineering from the
17 University of Notre Dame in 1990 and a Master of Science degree in
18 Electrical Engineering from Drexel University in 1997. I founded
19 Catalyst Consulting, LLC in June of 2012. From March 2010 through
20 May 2012, I was a Senior Consultant with The Prime Group, LLC. I have
21 developed cost of service studies and designed rates for numerous
22 electrical and gas utilities, including electric distribution cooperatives,

1 generation and transmission cooperatives, municipal utilities and
2 investor-owned utilities. I have performed economic analyses, rate
3 mechanism reviews, ISO/RTO membership evaluations, and wholesale
4 formula rate reviews. I have also been employed by the parent companies
5 for Louisville Gas and Electric Company and Kentucky Utilities
6 Company, by the PJM interconnection, and by the Cincinnati Gas &
7 Electric Company. A more detailed description of my qualifications is
8 included in Exhibit Wolfram-1.

9 **Q. Have you ever testified before the Kentucky Public Service
10 Commission (the “Commission”)?**

11 A. Yes. I have testified in numerous regulatory proceedings before the
12 Commission. A listing of my testimony in other proceedings is included in
13 Exhibit Wolfram-1.

14 **Q. What is the purpose of your testimony?**

15 A. The purpose of my testimony is to support the Standby Service rate
16 schedule that Big Rivers submits in this docket.

17 **II. STANDBY SERVICE SCHEDULE**

18 **Q. Please describe the Standby Service rate schedule submitted in
19 this filing.**

20 A. The Standby Service rate schedule is available to any Big Rivers’ existing
21 Member Cooperatives for service to any large industrial customer of the

1 Member Cooperative with resources capable of supplying all or a portion
2 of its power requirements who requests Supplemental, Maintenance, or
3 Backup Power Service (“Standby Customer”).

4 **Q. Are these services defined in the tariff?**

5 A. Yes. The tariff includes formal definitions. Basically, Supplemental
6 Power Service refers to transmission and power supply to the Standby
7 Customer’s facility for its needs that exceed the capability of the Standby
8 Customer’s own generation. Maintenance Power Service provides
9 transmission and power supply to the Standby Customer during
10 scheduled outages of the Standby Customer’s own generation, and Backup
11 Power Service does so during unscheduled outages of the Standby
12 Customer’s own generation.

13 **Q. Please describe the rates for demand and energy in the Standby
14 Service rate schedule submitted in this filing.**

15 A. The tariff requires that the consumer pay the standard LIC demand and
16 energy charges for service, and that the consumer receives a capacity
17 credit for the value of its self-supply.

18 **Q. What is the basis for the capacity credit for self-supply?**

19 A. The credit is based on the value of capacity described by Big Rivers in its
20 recent filing regarding the conversion of the Green Station units to
21 natural gas in Case No. 2021-00079. See *In the Matter of: Electronic
22 Application Of Big Rivers Electric Corporation For A Certificate Of Public*

1 *Convenience And Necessity Authorizing The Conversion Of The Green*
2 *Station Units To Natural Gas Fired Units And An Order Approving The*
3 *Establishment Of A Regulatory Asset*, filed February 28, 2021. In that
4 filing, Big Rivers describes the capacity price projections in the Direct
5 Testimony of Mark Eacret on pages 9-12 and in Eacret Exhibit 3. The
6 capacity credit in the instant filing is based on the 7-year base case
7 capacity value (which is essentially the same for market purchases and
8 non-firm gas) of \$3.80 per kW per month.

9 **Q. What is the basis for the energy charges in the Standby Service**
10 **rate schedule?**

11 A. The tariff requires that the consumer pay the higher of standard LIC
12 tariff energy charge or market for all Maintenance Power and Backup
13 Supply Power energy usage. This ensures that Big Rivers recovers the
14 cost of providing energy to the consumer for usage during resource
15 outages (planned or unplanned) that would otherwise be served by self-
16 supply. It also prevents the consumer from playing the market and
17 operating its generator based on market prices, which is important for Big
18 Rivers to be able to forecast and schedule the consumer's load in MISO.

19 **Q. Are the rates, terms and conditions of the Standby Service rate**
20 **schedule fair, just and reasonable?**

1 A. Yes. The rates are based on sound cost-of-service principles and the terms
2 and conditions are consistent with those already approved by the
3 Commission.

4 **III. CONCLUSION**

5 **Q. Please summarize your conclusion and recommendation.**

6 A. The proposed Standby Service rate schedule is fair, just and reasonable.
7 The tariff rates are based on sound cost-of-service principles and the
8 terms and conditions are consistent with other, Commission-approved
9 tariffs of this sort. For these reasons, the Commission should accept the
10 Standby Service rate schedule as filed.

11 **Q. Does this conclude your testimony?**

12 A. Yes.


COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

STANDBY SERVICE TARIFF FILING OF
BIG RIVERS ELECTRIC CORPORATION

TFS No. 2021-00 ____

VERIFICATION

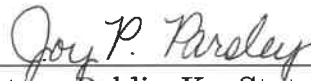
I, John Wolfram, verify, state, and affirm that I prepared or supervised the preparation of the Direct Testimony filed with this Verification, and that testimony is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



John Wolfram

COMMONWEALTH OF KENTUCKY)
COUNTY OF HENDERSON)

SUBSCRIBED AND SWORN TO before me by John Wolfram on this the 28th
day of May, 2021.



Notary Public, Ky. State at Large
My Commission Expires _____

Notary Public, Kentucky State-At-Large
My Commission Expires: July 10, 2022
ID: 604480