



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

January 19, 2017

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JAN 20 2017

PUBLIC SERVICE
COMMISSION

Dr. Talina R. Mathews, Executive Director
Kentucky Public Service Commission
Attention: Chris Whelan
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED
JAN 20 2017
FINANCIAL ANA

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Dr. Mathews:

Enclosed is Big Rivers' monthly Form A filing for the December 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for December 2016 and is to be applied to invoices for service delivered during January 2017, which will be billed early February 2017.

Pursuant to the Stipulation and Recommendation dated May 26, 2015¹, and the Amendment to Stipulation and Recommendation dated August 1, 2016², Big Rivers began crediting \$311,111 (the "FAC Credit") each month through its FAC to its Members beginning with the FAC factor calculated for the October 2015 expense month, which was applied to Big Rivers' Members' wholesale invoices for November 2015 consumption. Based on the terms of the Amendment to Stipulation and Recommendation, the Fuel Cost Schedule, page 2 of the attached Form A filing for the December 2016 expense month, includes the fifteenth and final monthly FAC Credit.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

¹ Approved by order of the Commission in Case No. 2014-00455, *An Examination of the Application of the Fuel Adjustment Clause of Big Rivers Electric Corporation from November 1, 2012 through October 31, 2014*, July 27, 2015, and later approved by the Rural Utilities Service ("RUS") October 23, 2015

² Approved by order of the Commission in Case No. 2016-00286, *Application of Big Rivers Electric Corporation for Approval of Amendment to Stipulation and Recommendation*, September 28, 2016

c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
Ms. Donna M. Windhaus, Director Accounting/Finance
Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
Mr. Dennis Cannon, Jackson Purchase Energy Corporation
Mr. Jeff Hohn, Kenergy Corp.
Mr. Marty Littrel, Meade County RECC
James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: December 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$6,555,174}{303,760,321 \text{ kWh}} = (+) \$ 0.021580 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.000648 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: February 1, 2017

Submitted by: 

Title: Manager Finance

Date Submitted: 01-19-17

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: December 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 14,601,582 |
| Pet Coke Burned | (+) | 1,460,090 |
| Oil Burned | (+) | 302,108 |
| Gas Burned | (+) | 55,408 |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | 15,222 |
| Fuel (assigned cost during Forced Outage) | (+) | 699,996 |
| Fuel (substitute cost for Forced Outage) | (-) | 323,077 |
| Fuel (supplemental and back-up energy to Smelters) | (-) | - |
| Fuel (Domtar back-up / imbalance generation) | (-) | - |
| SUB-TOTAL | \$ | 16,780,885 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 1,076,649 |
| Identifiable fuel cost - other purchases | (+) | 4,821,106 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 437,815 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 437,815 |
| Less Purchases for supplemental and back-up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 290,598 |
| Less Purchases Above Highest Cost Units | (-) | 81 |
| SUB-TOTAL | \$ | 5,607,076 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 15,591,389 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | (69,713) |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 6,555,174 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: December 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 686,438,917 |
| Purchases including interchange-in | (+) | 604,224,206 |
| <u>SUB-TOTAL</u> | | <u>1,290,663,123</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 953,709,218 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 8,168,974 |
| System Losses | (+) | 25,024,610 |
| <u>SUB-TOTAL</u> | | <u>986,902,802</u> |
| | | |
| TOTAL SALES (A-B) | | <u>303,760,321</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: December 2016

| | | | | |
|-----|---|---------------------|----|--------------------|
| 1. | Last FAC Rate Billed | | \$ | (0.001038) |
| 2. | kWh Billed at Above Rate | | | <u>303,760,321</u> |
| 3. | FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>(315,303)</u> |
| 4. | kWh Used to Determine Last FAC Rate | | | 236,599,577 |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. | Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>236,599,577</u> |
| 7. | Revised FAC Rate Billed, if prior period adjustment is needed | | \$ | <u>-</u> |
| 8. | Recoverable FAC Revenue/(Refund) | (Line 1 x Line 6) | \$ | <u>(245,590)</u> |
| 9. | Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>(69,713)</u> |
| 10. | Total Sales "Sm" (From Page 3 of 4) | | | <u>303,760,321</u> |
| 11. | Kentucky Jurisdictional Sales | | | <u>303,760,321</u> |
| 12. | Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. | Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>(69,713)</u> |

To Page 2, Line D



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December 20, 2016

Dr. Talina R. Mathews, Executive Director
Kentucky Public Service Commission
Attention: Chris Whelan
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

DEC 21 2016

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DEC 21 2016

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Dr. Mathews:

Enclosed is Big Rivers' monthly Form A filing for the November 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for November 2016 and is to be applied to invoices for service delivered during December 2016, which will be billed early January 2017.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenergy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: November 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$4,707,021}{236,599,577 \text{ kWh}} = (+) \$ 0.019894 / \text{kWh}$$

$$\text{Base Fuel Component} = (-) 0.020932 / \text{kWh}$$

$$\text{FAC Factor (1)} = \underline{\underline{\$ (0.001038) / \text{kWh}}}$$

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: January 1, 2017

Submitted by: *Paul Cost*

Title: Manager Finance

Date Submitted: 12-20-2016

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: November 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 10,545,722 |
| Pet Coke Burned | (+) | 1,407,158 |
| Oil Burned | (+) | 238,258 |
| Gas Burned | (+) | 3,080 |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | 2,110 |
| Fuel (assigned cost during Forced Outage) | (+) | 347,768 |
| Fuel (substitute cost for Forced Outage) | (-) | 143,017 |
| Fuel (supplemental and back-up energy to Smelters) | (-) | - |
| Fuel (Domtar back-up / imbalance generation) | (-) | - |
| SUB-TOTAL | \$ | 12,396,859 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 709,815 |
| Identifiable fuel cost - other purchases | (+) | 4,613,123 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 281,327 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 281,327 |
| Less Purchases for supplemental and back-up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 115,628 |
| Less Purchases Above Highest Cost Units | (-) | 69,329 |
| SUB-TOTAL | \$ | 5,137,981 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 12,506,078 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | 10,630 |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 4,707,021 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: November 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 533,432,222 |
| Purchases including interchange-in | (+) | 483,251,527 |
| <u>SUB-TOTAL</u> | | <u>1,016,683,749</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 759,257,028 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 4,659,080 |
| System Losses | (+) | 16,168,064 |
| <u>SUB-TOTAL</u> | | <u>780,084,172</u> |
| | | |
| TOTAL SALES (A-B) | | <u>236,599,577</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: November 2016

| | | | |
|--|---------------------|----|--------------------|
| 1. Last FAC Rate Billed | | \$ | 0.002335 |
| 2. kWh Billed at Above Rate | | | <u>236,599,577</u> |
| 3. FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>552,460</u> |
| 4. kWh Used to Determine Last FAC Rate | | | 232,046,989 |
| 5. Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>232,046,989</u> |
| 7. Revised FAC Rate Billed, if prior period adjustment is needed | | \$ | <u>-</u> |
| 8. Recoverable FAC Revenue/(Refund) | (Line 1 x Line 6) | \$ | <u>541,830</u> |
| 9. Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>10,630</u> |
| 10. Total Sales "Sm" (From Page 3 of 4) | | | <u>236,599,577</u> |
| 11. Kentucky Jurisdictional Sales | | | <u>236,599,577</u> |
| 12. Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>10,630</u> |

To Page 2, Line D

FA



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NOV 21 2016
FINANCIAL ANA

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NOV 21 2016
PUBLIC SERVICE
COMMISSION

November 18, 2016

Dr. Talina R. Mathews, Executive Director
Kentucky Public Service Commission
Attention: Chris Whelan
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Dr. Mathews:

Enclosed is Big Rivers' monthly Form A filing for the October 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for October 2016, and is to be applied to invoices for service delivered during November 2016 which will be billed early December 2016.

Please note that this filing includes adjustments to amounts previously filed with the Commission in Big Rivers' Form A filings for the June 2016 through September 2016 expense months. The net impact of these adjustments is reflected in the Over/(Under) Recovery schedule (Page 4) of the enclosed Form A filing for the October 2016 expense month through the "Revised FAC Rate Billed, if prior period adjustment is needed", included on Line 7 of that schedule. Supporting calculations and detailed explanations of these adjustments are provided in Appendix A.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenergy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: October 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$5,399,113}{232,046,989 \text{ kWh}} = (+) \$ 0.023267 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.002335 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: December 1, 2016

Submitted by: 

Title: Manager Finance

Date Submitted: 11-18-16

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: October 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 10,590,511 |
| Pet Coke Burned | (+) | 1,473,171 |
| Oil Burned | (+) | 253,489 |
| Gas Burned | (+) | 42,551 |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | 9,680 |
| Fuel (assigned cost during Forced Outage) | (+) | 672,328 |
| Fuel (substitute cost for Forced Outage) | (-) | 424,638 |
| Fuel (supplemental and back-up energy to Smelters) | (-) | - |
| Fuel (Domtar back-up / imbalance generation) | (-) | - |
| SUB-TOTAL | \$ | 12,597,732 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 291,930 |
| Identifiable fuel cost - other purchases | (+) | 4,968,818 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 254,015 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 254,015 |
| Less Purchases for supplemental and back-up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 392,220 |
| Less Purchases Above Highest Cost Units | (-) | - |
| SUB-TOTAL | \$ | 4,868,528 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 12,723,452 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | (967,416) |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 5,399,113 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: October 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 519,683,401 |
| Purchases including interchange-in | (+) | 521,206,579 |
| <u>SUB-TOTAL</u> | | <u>1,040,889,980</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 767,942,256 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 13,806,822 |
| System Losses | (+) | 27,093,913 |
| <u>SUB-TOTAL</u> | | <u>808,842,991</u> |
| | | |
| TOTAL SALES (A-B) | | <u>232,046,989</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: October 2016

| | | | | |
|-----|---|---------------------|----|--------------------|
| 1. | Last FAC Rate Billed | | \$ | (0.001737) |
| 2. | kWh Billed at Above Rate | | | <u>232,046,989</u> |
| 3. | FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>(403,066)</u> |
| 4. | kWh Used to Determine Last FAC Rate | | | 270,671,678 |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. | Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>270,671,678</u> |
| 7. | Revised FAC Rate Billed, if prior period adjustment is needed | See Appendix A | \$ | <u>0.002085</u> |
| 8. | Recoverable FAC Revenue/(Refund) | (Line 7 x Line 6) | \$ | <u>564,350</u> |
| 9. | Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>(967,416)</u> |
| 10. | Total Sales "Sm" (From Page 3 of 4) | | | <u>232,046,989</u> |
| 11. | Kentucky Jurisdictional Sales | | | <u>232,046,989</u> |
| 12. | Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. | Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>(967,416)</u> |

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Big Rivers Electric Corporation
 FAC Form A Filings for the Expense Months of June 2016 through September 2016
 As Revised November 18, 2016

Revised amounts (see Footnotes for explanations of changes)
 Expense Month:

Jun-16
As Revised

Jul-16
As Revised

Aug-16
As Revised

Sep-16
As Revised

| | Jun-16 As Revised | Jul-16 As Revised | Aug-16 As Revised | Sep-16 As Revised |
|---|----------------------|----------------------|----------------------|----------------------|
| Page 1: | | | | |
| Fuel "Fm" (Fuel Cost Schedule) | \$ 6,331,488 | \$ 7,212,482 | \$ 7,302,577 | \$ 6,229,998 |
| Sales "Sm" (Sales Schedule) | 289,686,270 | 308,650,870 | 309,712,016 | 270,671,678 |
| Total Fuel Cost per kWh (F(m) / S(m)) | \$ 0.021856 | \$ 0.023368 | \$ 0.023579 | \$ 0.023017 |
| Base Factor | \$ 0.020932 | \$ 0.020932 | \$ 0.020932 | \$ 0.020932 |
| FAC Factor | \$ 0.000924 | \$ 0.002436 | \$ 0.002647 | \$ 0.002085 |
| Page 2: | | | | |
| Company Generation: | | | | |
| (+) Coal Burned | \$ 9,430,914 | \$ 12,644,283 | \$ 12,219,760 | \$ 11,230,655 |
| (+) Pet Coke Burned | 2,167,364 | 2,396,469 | 2,352,278 | 1,060,144 (1) |
| (+) Oil Burned | 109,406 | 292,909 | 149,484 | 161,992 |
| (+) Gas Burned | 10,394 | 59,481 | 81,497 | 25,335 |
| (+) Propane Burned | - | - | - | - |
| (-) NISO Make Whole Payments | - | 10,056 | 8,555 | 19,659 |
| (+) Fuel (Assigned Cost During Forced Outage) | 1,020,723 | 921,692 | 1,117,612 | 43,488 |
| (-) Fuel (Substitute Cost for Forced Outage) | 433,858 | 469,737 | 546,963 (2) | - |
| (-) Fuel (Supplemental & Back-Up Energy to Smelters) | - | - | - | - |
| (-) Fuel (Domtar Back-Up/ Imbalance Generation) | - | - | - | - |
| (A) SUB-TOTAL Generation | \$ 12,304,943 | \$ 15,835,041 | \$ 15,365,113 | \$ 12,501,955 |
| Purchases: | | | | |
| (+) Net energy cost - economy purchases | \$ 508,056 | \$ 756,984 | \$ 609,448 | \$ 788,421 |
| (+) Identifiable fuel cost - other purchases | 2,979,437 (3) | 3,274,060 (3) | 5,182,274 (3) | 4,627,193 (3) |
| (+) Identifiable fuel cost - Forced Outage purchases | 742,049 | 470,003 | 672,779 | 115,435 |
| (-) Identifiable fuel cost (substitute for Forced Outage) | 742,049 | 470,003 | 672,779 | 115,435 |
| (-) Less Purchases for Supplemental and Back-Up to Smelters | - | - | - | - |
| (-) Less Purchases for Domtar back up | 198,484 | 210,333 | 187,965 | 243,736 |
| (-) Less Purchases Above Highest Cost Units | - | 28,018 | 6,947 | 8,441 |
| (B) SUB-TOTAL Purchases | \$ 3,289,069 | \$ 5,792,603 | \$ 5,996,810 | \$ 5,163,419 |
| Intersystem Sales: | | | | |
| (C) Including Interchange-out | \$ 8,989,543 (4) | \$ 14,328,291 (4) | \$ 13,750,754 (4) | \$ 11,787,083 (4) |
| (D) Over/(Under) Recovery (p. 4) | \$ (38,190) | \$ (224,150) (5) | \$ (402,519) (5) | \$ (662,818) (5) |
| (E) FAC Credit (CN 2014-00455) | \$ 311,111 | \$ 311,111 | \$ 311,111 | \$ 311,111 |
| Total Fuel Cost [(A) + (B) - (C) - (D) - (E)] | \$ 6,331,488 | \$ 7,212,482 | \$ 7,302,577 | \$ 6,229,998 |

Big Rivers Electric Corporation
 FAC Form A Filings for the Expense Months of June 2016 through September 2016
 As Revised November 18, 2016

Revised Amounts (see Footnotes for explanations of changes)

Expense Month:

Jul-16
As Revised

Aug-16
As Revised

Sep-16
As Revised

| | Jul-16 As Revised | Aug-16 As Revised | Sep-16 As Revised |
|--|----------------------------|-----------------------------|-----------------------------|
| Page 3: | | | |
| Generation (Net) | 502,155,812 | 617,731,309 ⁽¹⁾ | 546,239,383 |
| Purchases including interchange-in | 406,704,279 | 555,942,658 | 472,651,317 |
| SUB-TOTAL | 908,860,091 | 1,173,673,967 | 1,018,890,700 |
| Inter-system Sales including interchange-out | 588,024,906 ⁽¹⁾ | 832,939,347 ⁽¹⁾ | 715,434,068 |
| Supplemental Sales to Smelters | - | - | - |
| Backup Sales to Smelters | 7,493,308 | 5,732,501 | 8,326,070 |
| Back-up and Energy Imbalance Sales Donatar | 23,655,607 ⁽¹⁾ | 25,290,103 ⁽¹⁾ | 24,458,884 |
| System Losses | 619,173,821 | 863,961,951 | 748,219,022 |
| SUB-TOTAL | 289,686,270 | 309,712,016 | 270,671,678 |
| Page 4: | | | |
| 1. Last FAC Rate Billed (actual factor billed) | \$ (0.000636) | \$ 0.001128 | \$ 0.000580 |
| 2. kWh Billed at Above Rate | 289,686,270 | 309,712,016 | 270,671,678 |
| 3. FAC Revenue/(Refund) (Line 1. x Line 2.) | \$ (184,240) | \$ 349,355 | \$ 156,990 |
| 4. kWh Used to Determine Last FAC Rate | 229,637,681 | 308,650,870 | 309,712,016 |
| 5. Non-Jurisdictional kWh (Included in Line 4) | 229,637,681 | 308,650,870 | 309,712,016 |
| 6. Kentucky Jurisdictional kWh (Line 4. - Line 5.) | - | - | - |
| 7. Revised FAC Rate, if prior period adjustment is needed | \$ 0.000924 ⁽¹⁾ | \$ 0.002436 ⁽¹⁾ | \$ 0.002647 ⁽¹⁾ |
| 8. Recoverable FAC Revenue/(Refund) (Line 1. (or 7.) x Line 6.) | \$ (146,050) | \$ 751,874 ⁽¹⁾ | \$ 819,808 ⁽¹⁾ |
| 9. Over or (Under) Recovery (Line 3. - Line 8.) | \$ (38,190) | \$ (402,519) ⁽¹⁾ | \$ (662,818) ⁽¹⁾ |
| 10. Total Sales "Sm" (From Page 3 of 4) | 289,686,270 | 309,712,016 | 270,671,678 |
| 11. Kentucky Jurisdictional Sales | 289,686,270 | 309,712,016 | 270,671,678 |
| 12. Total Sales Divided by KY Jurts. Sales (Line 10. / Line 11.) | 1.0000000 | 1.0000000 | 1.0000000 |
| 13. Total Co. Over or (Under) Recovery (Line 9. x Line 12.) | \$ (38,190) | \$ (402,519) ⁽¹⁾ | \$ (662,818) ⁽¹⁾ |

Big Rivers Electric Corporation
 FAC Form A Filings for the Expense Months of June 2016 through September 2016
 As Previously Filed

Expense Month:

Jan-16
 As Previously Filed ⁽¹⁶⁾

Jul-16
 As Previously Filed ⁽¹⁷⁾

Aug-16
 As Previously Filed ⁽¹⁷⁾

Sep-16
 As Previously Filed ⁽¹⁷⁾

| | Jan-16 As Previously Filed ⁽¹⁶⁾ | Jul-16 As Previously Filed ⁽¹⁷⁾ | Aug-16 As Previously Filed ⁽¹⁷⁾ | Sep-16 As Previously Filed ⁽¹⁷⁾ |
|---|---|---|---|---|
| Page 1: | | | | |
| Fuel "Fin" (Fuel Cost Schedule) | \$ 6,134,382 | \$ 6,780,670 | \$ 6,662,402 | \$ 5,195,537 |
| Sales "Sin" (Sales Schedule) | 289,686,270 | 308,650,870 | 309,712,016 | 270,671,678 |
| Total Fuel Cost per kWh (F(m) / S(m)) | \$ 0.021176 | \$ 0.021969 | \$ 0.021512 | \$ 0.019195 |
| Base Factor | \$ 0.020932 | \$ 0.020932 | \$ 0.020932 | \$ 0.020932 |
| FAC Factor | \$ 0.000244 | \$ 0.001037 | \$ 0.000590 | \$ (0.001737) |
| Page 2: | | | | |
| Company Generation: | | | | |
| (+) Coal Burned | \$ 9,430,914 | \$ 12,644,283 | \$ 12,219,760 | \$ 11,230,655 |
| (+) Pet Coke Burned | 2,167,364 | 2,396,469 | 2,352,278 | 1,754,076 |
| (+) Oil Burned | 109,406 | 292,909 | 149,484 | 161,992 |
| (+) Gas Burned | 10,394 | 59,481 | 81,497 | 25,335 |
| (+) Propane Burned | - | - | - | - |
| (-) MISO Make Whole Payments | - | 10,056 | 8,555 | 19,659 |
| (+) Fuel (Assigned Cost During Forced Outage) | 1,070,723 | 921,692 | 1,117,612 | 43,488 |
| (-) Fuel (Substitute Cost for Forced Outage) | 433,858 | 469,737 | 546,720 | - |
| (+) Fuel (Supplemental & Back-Up Energy to Smelters) | - | - | - | - |
| (-) Fuel (Domtar Back-Up/ Imbalance Generation) | - | - | - | - |
| (A) SUB-TOTAL Generation | \$ 12,304,943 | \$ 15,835,041 | \$ 15,365,356 | \$ 13,195,887 |
| Purchases: | | | | |
| (+) Net energy cost - economy purchases | \$ 508,056 | \$ 756,984 | \$ 609,448 | \$ 788,421 |
| (+) Identifiable fuel cost - other purchases | 2,882,170 | 5,080,654 | 5,010,460 | 4,863,225 |
| (+) Identifiable fuel cost - Forced Outage purchases | 742,049 | 470,003 | 672,779 | 115,435 |
| (-) Identifiable fuel cost (substitute for Forced Outage) | 742,049 | 470,003 | 672,779 | 115,435 |
| (-) Less Purchases for Supplemental and Back-Up to Smelters | - | - | - | - |
| (-) Less Purchases for Domtar back up | 198,484 | 210,333 | 187,965 | 243,756 |
| (-) Less Purchases Above Highest Cost Units | - | 28,018 | 6,947 | 8,441 |
| (B) SUB-TOTAL Purchases | \$ 3,191,742 | \$ 5,599,287 | \$ 5,424,996 | \$ 5,399,449 |
| Intersystem Sales: | | | | |
| (C) Including Interchange-out | \$ 9,089,382 | \$ 14,369,710 | \$ 13,787,555 | \$ 13,111,331 |
| (D) Over/(Under) Recovery (p. 4) | \$ (38,190) | \$ (27,163) | \$ 29,284 | \$ (22,643) |
| (E) FAC Credit (CN 2014-00455) | \$ 311,111 | \$ 311,111 | \$ 311,111 | \$ 311,111 |
| Total Fuel Cost [(A) + (B) - (C) - (D) - (E)] | \$ 6,134,382 | \$ 6,780,670 | \$ 6,662,402 | \$ 5,195,537 |

Big Rivers Electric Corporation
FAC Form A Filings for the Expense Months of June 2016 through September 2016
As Previously Filed

Expense Month:

Jun-16

Jul-16

Aug-16

Sep-16

As Previously Filed (10)

As Previously Filed (11)

As Previously Filed (12)

As Previously Filed (13)

| | Jun-16 As Previously Filed (10) | Jul-16 As Previously Filed (11) | Aug-16 As Previously Filed (12) | Sep-16 As Previously Filed (13) |
|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Page 3: | | | | |
| Generation (Net) | 502,155,812 | 621,551,507 | 617,937,401 | 546,239,383 |
| Purchases including interchange-in | 406,704,279 | 586,814,829 | 555,942,658 | 472,651,317 |
| (A) SUB-TOTAL | 908,860,091 | 1,208,366,336 | 1,173,880,059 | 1,018,890,700 |
| Inter-system Sales including interchange-out | 606,164,906 | 891,194,038 | 854,224,347 | 715,434,068 |
| Supplemental Sales to Smelters | - | - | - | - |
| Back-up Sales to Smelters | 7,493,308 | 6,947,563 | 5,732,501 | 8,326,070 |
| Back-up and Energy Imbalance Sales Donmar | 5,515,607 | 1,573,865 | 4,211,195 | 24,459,884 |
| System Losses | 619,173,821 | 899,715,466 | 864,168,043 | 748,219,022 |
| (B) SUB-TOTAL | 289,686,270 | 308,650,870 | 309,712,016 | 270,671,678 |
| Total Sales (A - B) | \$ (0.000636) | \$ 0.000141 | \$ 0.001128 | \$ 0.000580 |
| Page 4: | | | | |
| 1. Last FAC Rate Billed (actual factor billed) | 289,686,270 | 308,650,870 | 309,712,016 | 270,671,678 |
| 2. kWh Billed at Above Rate | (184,240) | 43,520 | 349,355 | 156,990 |
| 3. FAC Revenue/(Refund) (Line 1. x Line 2.) | 229,637,681 | 289,686,270 | 308,650,870 | 309,712,016 |
| 4. kWh Used to Determine Last FAC Rate | 229,637,681 | 289,686,270 | 308,650,870 | 309,712,016 |
| 5. Non-Jurisdictional kWh (Included in Line 4) | 229,637,681 | 289,686,270 | 308,650,870 | 309,712,016 |
| 6. Kentucky Jurisdictional kWh (Line 4. - Line 5.) | - | - | - | - |
| 7. Revised FAC Rate, if prior period adjustment is needed | \$ | \$ | \$ | \$ |
| 8. Recoverable FAC Revenue/(Refund) (Line 1. (or 7.) x Line 6.) | \$ (146,050) | \$ 70,683 | \$ 320,071 | \$ 179,633 |
| 9. Over or (Under) Recovery (Line 3. - Line 8.) | \$ (38,190) | \$ (27,163) | \$ 29,284 | \$ (22,643) |
| 10. Total Sales "Sim" (From Page 3 of 4) | 289,686,270 | 308,650,870 | 309,712,016 | 270,671,678 |
| 11. Kentucky Jurisdictional Sales | 289,686,270 | 308,650,870 | 309,712,016 | 270,671,678 |
| 12. Total Sales Divided by KY Juris. Sales (Line 10. / Line 11.) | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 |
| 13. Total Co. Over or (Under) Recovery (Line 9. x Line 12.) | \$ (38,190) | \$ (27,163) | \$ 29,284 | \$ (22,643) |

Big Rivers Electric Corporation
 FAC Form A Filings Adjustments for the Expense Months of June 2016 through September 2016 (Included in Form A Filing for the October 2016 Expense Month)
 Summary of Changes

(See Footnotes for explanations of changes)

Expense Month:

Jun-16 Change Jul-16 Change Aug-16 Change Sep-16 Change

| Page 1: | Jun-16 Change | Jul-16 Change | Aug-16 Change | Sep-16 Change |
|---|-----------------|-----------------|-----------------|--------------------|
| Fuel "Fin" (Fuel Cost Schedule) | \$ 197,106 | \$ 431,812 | \$ 640,175 | \$ 1,034,461 |
| Sales "Sin" (Sales Schedule) | - | - | - | - |
| Total Fuel Cost per kWh (F(m) / S(m)) | \$ 0.000680 | \$ 0.001399 | \$ 0.002067 | \$ 0.003822 |
| Base Factor | - | - | - | - |
| FAC Factor | \$ 0.000680 | \$ 0.001399 | \$ 0.002067 | \$ 0.003822 |
| Page 2: | | | | |
| Company Generation: | | | | |
| (+) Coal Burned | \$ - | \$ - | \$ - | \$ - |
| (+) Pet Coke Burned | - | - | - | - |
| (+) Oil Burned | - | - | - | - |
| (+) Gas Burned | - | - | - | - |
| (+) Propane Burned | - | - | - | - |
| (-) MISO Make Whole Payments | - | - | - | - |
| (+) Fuel (Assigned Cost During Forced Outage) | - | - | - | - |
| (+) Fuel (Substitute Cost for Forced Outage) | - | - | 243 (2) | - |
| (-) Fuel (Supplemental & Back-Up Energy to Smelters) | - | - | - | - |
| (-) Fuel (Domtar Back-Up/ Imbalance Generation) | - | - | - | - |
| (A) SUB-TOTAL Generation | \$ - | \$ - | \$ (243) | \$ (693,932) |
| Purchases: | | | | |
| (+) Net energy cost - economy purchases | \$ - | \$ - | \$ - | \$ - |
| (+) Identifiable fuel cost - other purchases | \$ 97,267 (1) | \$ 193,406 (3) | \$ 171,814 (3) | \$ (236,030) (4) |
| (+) Identifiable fuel cost - Forced Outage purchases | - | - | - | - |
| (-) Identifiable fuel cost (substitute for Forced Outage) | - | - | - | - |
| (-) Less Purchases for Supplemental and Back-Up to Smelters | - | - | - | - |
| (-) Less Purchases for Domtar back up | - | - | - | - |
| (-) Less Purchases Above Highest Cost Units | - | - | - | - |
| (B) SUB-TOTAL Purchases | \$ 97,267 | \$ 193,406 | \$ 171,814 | \$ (236,030) |
| Intersystem Sales: | | | | |
| (C) Including Interchange-out | \$ (99,839) (5) | \$ (41,419) (5) | \$ (36,801) (5) | \$ (1,324,249) (6) |
| (D) Over/(Under) Recovery (p. 4) | - | - | - | \$ (640,175) (7) |
| (E) FAC Credit (CN 2014-00455) | - | - | - | \$ - |
| Total Fuel Cost [(A) + (B) - (C) - (D) - (E)] | \$ 197,106 | \$ 431,812 | \$ 640,175 | \$ 1,034,461 |

Big Rivers Electric Corporation
FAC Form A Filings Adjustments for the Expense Months of June 2016 through September 2016 (Included in Form A Filing for the October 2016 Expense Month)
Summary of Changes

(See Footnotes for explanations of changes)

Expense Month:

| | Jun-16 Change | Jul-16 Change | Aug-16 Change | Sep-16 Change |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Page 3: | | | | |
| Generation (Net) | - | - | (206,092) ⁽¹⁾ | - |
| Purchases including interchange-in | - | - | (206,092) | - |
| (A) SUB-TOTAL | - | - | (206,092) | - |
| Inter-system Sales including interchange-out | (18,140,000) ⁽¹⁾ | (23,989,000) ⁽¹⁾ | (21,285,000) ⁽¹⁾ | - |
| Supplemental Sales to Smelters | - | - | - | - |
| Backup Sales to Smelters | - | - | - | - |
| Back-up and Energy Imbalance Sales Domtar | - | - | - | - |
| System Losses | 18,140,000 ⁽¹⁾ | 23,989,000 ⁽¹⁾ | 21,078,908 ⁽¹⁾ | - |
| (B) SUB-TOTAL | - | - | (206,092) | - |
| Total Sales (A - B) | - | - | - | - |
| Page 4: | | | | |
| 1. Last FAC Rate Billed (actual factor billed) | \$ - | \$ - | \$ - | \$ - |
| 2. kWh Billed at Above Rate | \$ - | \$ - | \$ - | \$ - |
| 3. FAC Revenue/(Refund) (Line 1. x Line 2.) | \$ - | \$ - | \$ - | \$ - |
| 4. kWh Used to Determine Last FAC Rate | \$ - | \$ - | \$ - | \$ - |
| 5. Non-Jurisdictional kWh (Included in Line 4) | \$ - | \$ - | \$ - | \$ - |
| 6. Kentucky Jurisdictional kWh (Line 4. - Line 5.) | \$ - | \$ - | \$ - | \$ - |
| 7. Revised FAC Rate, if prior period adjustment is needed | \$ 0.000630 ⁽¹⁾ | \$ 0.001399 ⁽¹⁾ | \$ 0.001399 ⁽¹⁾ | \$ 0.002647 ⁽¹⁾ |
| 8. Recoverable FAC Revenue/(Refund) (Line 1. (or 7.) x Line 6.) | \$ - | \$ 196,987 ⁽¹⁾ | \$ 431,803 ⁽¹⁾ | \$ 640,175 ⁽¹⁾ |
| 9. Over or (Under) Recovery (Line 3. - Line 8.) | \$ - | \$ (196,987) ⁽¹⁾ | \$ (431,803) ⁽¹⁾ | \$ (640,175) ⁽¹⁾ |
| 10. Total Sales "Sm" (From Page 3 of 4) | \$ - | \$ - | \$ - | \$ - |
| 11. Kentucky Jurisdictional Sales | \$ - | \$ - | \$ - | \$ - |
| 12. Total Sales Divided by KY Juris. Sales (Line 10. / Line 11.) | \$ - | \$ - | \$ - | \$ - |
| 13. Total Co. Over or (Under) Recovery (Line 9. x Line 12.) | \$ - | \$ (196,987) ⁽¹⁾ | \$ (431,803) ⁽¹⁾ | \$ (640,175) ⁽¹⁾ |

Footnotes
Big Rivers Electric Corporation - Adjustments to Form A Filings for June 2016 through September 2016 Expense Months
Included in Form A Filing for October 2016 Expense Month

Footnotes:

⁽¹⁾ Sep-16 "Pet Coke Burned" decreased \$693,932. Pet Coke Burned expense originally reported in Big Rivers' Form A filing for the Sep-16 expense month was overstated \$693,932 due to an accounting adjustment made to the pet coke expense for Green Units 1 and 2 which was inadvertently excluded from the fuel burned expense report used to prepare the Form A Filing. To correct this error, a \$(693,932) adjustment was made to reduce the Sep-16 Pet Coke Burned expense.

⁽²⁾ Aug-16 "Fuel Substitute Cost for Forced Outage" increased \$243. The adjustment to Aug-16 Green Unit 2 net generation (Note ⁽¹⁾) caused Green Unit 2's average fuel cost (\$/MWh) (used to calculate the Substitute Cost for Forced Outages) to increase from \$23.195/MWh to \$23.232/MWh, which caused the total Substitute Cost for Forced Outages to increase \$243.

⁽³⁾ Jun-16, Jul-16, and Aug-16 "Identifiable fuel cost - other purchases" increased as a result of higher system average fuel costs (\$/MWh) (used to calculate fuel costs allocated to purchases for inter-system sales) due to the line loss adjustments for HNP&L's Station Two excess energy (Note ⁽⁴⁾). See calculations below.

| Month | (a) | | (b) | | (c) = [(a) - (b)] | | (d) | | (e) = [(c) x (d)] | |
|--------|---|--|--|---|---|--|--|--|--|--|
| | Revised System Average Fuel Cost (\$/MWh) | Original System Average Fuel Cost (\$/MWh) | Original System Average Fuel Cost (\$/MWh) | Change in System Average Fuel Cost (\$/MWh) | Change in System Average Fuel Cost (\$/MWh) | Purchases for Inter-system Sales Volumes (MWh) | Change in Identifiable Fuel Cost - Other Purchases | Purchases for Inter-system Sales Volumes (MWh) | Change in Identifiable Fuel Cost - Other Purchases | |
| Jun-16 | \$ 24,489 | \$ 23,595 | \$ 23,595 | \$ 0,894 | \$ 0,894 | 108,800,000 | \$ 97,267 | 108,800,000 | \$ 97,267 | |
| Jul-16 | \$ 25,828 | \$ 24,829 | \$ 24,829 | \$ 0,999 | \$ 0,999 | 193,600,000 | \$ 193,406 | 193,600,000 | \$ 193,406 | |
| Aug-16 | \$ 24,986 | \$ 24,120 | \$ 24,120 | \$ 0,866 | \$ 0,866 | 198,400,000 | \$ 171,814 | 198,400,000 | \$ 171,814 | |
| Total | | | | | | 500,800,000 | \$ 462,487 | 500,800,000 | \$ 462,487 | |

⁽⁴⁾ Sep-16 "Identifiable fuel cost - other purchases" decreased \$236,030 as a result of lower system average fuel costs (\$/MWh) allocated to purchases for inter-system sales (included in "Identifiable fuel cost - other purchases") due to the \$(693,932) adjustment to Green's Sep-16 Pet Coke Burned expense (Note ⁽¹⁾). See calculation below.

| Month | (a) | | (b) | | (c) = [(a) - (b)] | | (d) | | (e) = [(c) x (d)] | |
|--------|---|---|---|---|---|--|---|--|---|--|
| | Revised System Average Fuel Cost After Green Pet Coke Adjms. (\$/MWh) | Original System Average Fuel Cost Before Green Pet Coke Adjms. (\$/MWh) | Original System Average Fuel Cost Before Green Pet Coke Adjms. (\$/MWh) | Change in System Average Fuel Cost (\$/MWh) | Change in System Average Fuel Cost (\$/MWh) | Purchases for Inter-system Sales Volumes (MWh) | Change in Fuel Cost Allocated to Purchases for Inter-system Sales | Purchases for Inter-system Sales Volumes (MWh) | Change in Fuel Cost Allocated to Purchases for Inter-system Sales | |
| Sep-16 | \$ 23,915 | \$ 25,244 | \$ 25,244 | \$ (1,329) | \$ (1,329) | 177,600,000 | \$ (236,030) | 177,600,000 | \$ (236,030) | |

⁽⁵⁾ Jun-16, Jul-16, and Aug-16 "Inter-System Sales Including Interchange-out" (fuel costs allocated to inter-system sales) decreased as a result of the adjustments to inter-system sales volumes (used to calculate the cost of fuel recovered through inter-system sales) for HNP&L's Station Two excess energy, which was previously included in the inter-system sales volumes reported (Note ⁽¹⁾). The decreases in fuel costs allocated to inter-system sales (due to the lower inter-system sales volumes used in the calculations) were partially offset by higher system average fuel costs which resulted from (a) the adjustments to increase line losses for HNP&L's Station Two excess energy (previously included in the inter-system sales volumes reported) and (b) the (206,092) kWh adjustment to Aug-16 line losses related to the previous overstatement of Green Unit 2 net generation (Note ⁽¹⁾). Calculations of the adjustments to "Inter-System Sales Including Interchange-out" for Jun-16, Jul-16, and Aug-16 are provided below, with the impacts of the inter-system sales volume adjustments and the offsetting impacts of the system average fuel cost adjustments shown separately.

| Month | (a) | | (b) | | (c) = [(a) x (b)] | | (d) | | (e) | | (f) = [(d) x (e)] | |
|--------|---|--|--|--|--|--|--|--|--|--|--|--|
| | Adjustments to Inter-System Sales Volumes for HNP&L's Station Two Excess Energy (MWh) | Original System Average Fuel Cost Before Line Loss Adjms. (\$/MWh) | Original System Average Fuel Cost Before Line Loss Adjms. (\$/MWh) | Change in Inter-System Sales due to HNP&L's Station Two Excess Energy Volume Adjustment (\$) | Change in Inter-System Average Fuel Cost (Note ⁽¹⁾) (\$/MWh) | Change in Inter-System Sales due to HNP&L's Station Two Excess Energy Volume Adjustment (\$) | Change in System Average Fuel Cost (Note ⁽¹⁾) (\$/MWh) | Total Inter-System Sales Volumes (MWh) | Change in Inter-System Sales due to HNP&L's Station Two Excess Energy Volume Adjustment (\$) | Total Inter-System Sales Volumes (MWh) | Change in Inter-System Sales due to HNP&L's Station Two Excess Energy Volume Adjustment (\$) | |
| Jun-16 | (18,140,000) | \$ 23,595 | \$ 23,595 | \$ (428,013) | \$ (428,013) | \$ 894 | 367,084,906 | \$ 328,174 | 367,084,906 | \$ 328,174 | | |
| Jul-16 | (23,989,000) | \$ 24,829 | \$ 24,829 | \$ (595,622) | \$ (595,622) | \$ 0,999 | 554,758,038 | \$ 554,203 | 554,758,038 | \$ 554,203 | | |
| Aug-16 | (21,285,000) | \$ 24,120 | \$ 24,120 | \$ (513,394) | \$ (513,394) | \$ 0,866 | 550,338,347 | \$ 476,593 | 550,338,347 | \$ 476,593 | | |
| Total | | | | \$ (1,537,029) | \$ (1,537,029) | | | \$ 1,358,970 | | | \$ 1,358,970 | |

| (g) = [(c) + (f)] | |
|---|--------------|
| Total Change in Inter-System Sales (\$) | \$ (99,839) |
| | \$ (41,419) |
| | \$ (36,801) |
| | \$ (178,059) |

^(a) Sep-16 Inter-System Sales Including Interchange-out⁽¹⁾ (fuel costs allocated to inter-system sales) decreased \$1,324,248. The decrease consisted of (a) \$(669,218) resulting from the adjustment to inter-system sales volumes used to calculate the cost of fuel allocated to inter-system sales and (b) \$(655,030) resulting from the decrease in system average fuel costs (\$/MWh) due to the Green Pet Coke Burned adjustment (Note ⁽¹⁾). See calculations below.

| (a) | |
|--|------------------|
| Sep-16 Adjustment to Inter-system Sales Volumes (for HMP&L Excess Energy): | (26,510,000) MWh |
| Sep-16 System Avg. Fuel Cost per MWh (Before Adjustment to Green Pet Coke Expense): | \$ 25,244 /MWh |
| Sep-16 Adjustment to Fuel Cost Allocated to Inter-System Sales (due to HMP&L Excess Energy Adjustment): | \$ (669,218) |
| (b) | |
| Sep-16 System Avg. Fuel Cost per MWh (After Adjustment to Green Pet Coke Expense): | \$ 23,915 /MWh |
| Sep-16 System Avg. Fuel Cost per MWh (Before Adjustment to Green Pet Coke Expense): | \$ 25,244 /MWh |
| Change in Sep-16 System Avg. Fuel Cost per MWh: | \$ (1,329) /MWh |
| Multiplied By: Sep-16 Inter-system Sales Volume (excluding interchange-out): | 492,874,068 MWh |
| Sep-16 Adjustment to Fuel Cost Allocated to Inter-System Sales (due to Green Pet Coke Expense Adjustment): | \$ (655,030) |
| Sep-16 Total Adjustment to Fuel Cost Allocated to Inter-System Sales ((a) + (b)) | \$ (1,324,248) |

⁽¹⁾ Revised FAC factors, based on the adjustments described herein for the June 2016 through August 2016 expense months, are included in the revised Form A filings for the July 2016 through September 2016 expense months on Line 7. "Revised FAC Rate, if prior period adjustment is needed" of the Over/(Under) Recovery schedules to properly account for the impact of the adjustments through the FAC's over/(under) recovery mechanism. The revised FAC factor calculated for the September 2016 expense month is included in Big Rivers' Form A filing for the October 2016 expense month, on Page 4, Line 7. "Revised FAC Rate, if prior period adjustment is needed" to incorporate the cumulative impact of these adjustments into the FAC factor which will be applied to Members' bills for service delivered during November 2016.

⁽²⁾ Aug-16 "Generation (Net)" kWh was overstated 206,092 kWh. Overstatement related to error in net generation previously reported for Green Unit 2. Adjustment made for Aug-16 to decrease the previously reported Net Generation by 206,092 kWh and increase the previously reported line losses by 206,092 kWh. See Note ⁽¹⁾ for detail of additional adjustment made to Aug-16 line losses.

⁽³⁾ Jun-16, Jul-16, and Aug-16 HMP&L's excess energy volumes from Station Two (18,140,000 kWh in Jun-16; 23,989,000 kWh in Jul-16; and 21,285,000 kWh in Aug-16) were incorrectly included in the inter-system sales volumes reported on Page 3 of Big Rivers' Form A filings for the respective months. As a result, previously reported inter-system sales volumes were overstated and line losses were understated by those amounts during the respective months. To correct these errors, the following adjustments were made:

Adjustments for HMP&L's Station Two Excess Energy Volumes Included in Inter-System Sales:

| Month | Inter-system Sales Volume Adjustments (Page 3) (kWh) | Line Loss Adjustments (Page 3) (kWh) |
|--------|--|--------------------------------------|
| Jun-16 | (18,140,000) | 18,140,000 |
| Jul-16 | (23,989,000) | 23,989,000 |
| Aug-16 | (21,285,000) | 21,285,000 |
| Total | (63,414,000) | 63,414,000 |

See Note ⁽¹⁾ for detail of the additional 206,092 kWh adjustment to Aug-16 line losses

⁽¹⁰⁾ June 2016 amounts as previously revised and reported in Appendix A to Big Rivers' Form A Filing for the July 2016 expense month filed with the Commission by letter dated August 19, 2016.

⁽¹¹⁾ July 2016 amounts as previously revised and reported in Appendix A to Big Rivers' Form A Filing for the August 2016 expense month filed with the Commission by letter dated September 20, 2016.

⁽¹²⁾ August 2016 amounts as originally reported in Form A filing for the August 2016 expense month filed with the Commission by letter dated September 20, 2016.

⁽¹³⁾ September 2016 amounts as originally reported in Big Rivers' Form A filing for the September 2016 expense month filed with the Commission by letter dated October 20, 2016.

FA



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

October 20, 2016

RECEIVED

OCT 21 2016

PUBLIC SERVICE
COMMISSION

Dr. Talina R. Mathews, Executive Director
Kentucky Public Service Commission
Attention: Chris Whelan
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED
OCT 21 2016
FINANCIAL ANA

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Dr. Mathews:

Enclosed is Big Rivers' monthly Form A filing for the September 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for September 2016, and is to be applied to invoices for service delivered during October 2016 that will be billed early November 2016.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenergy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: September 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$5,195,537}{270,671,678 \text{ kWh}} = (+) \$ 0.019195 / \text{kWh}$$

$$\text{Base Fuel Component} = (-) 0.020932 / \text{kWh}$$

$$\text{FAC Factor (1)} = \underline{\underline{\$ (0.001737) / \text{kWh}}}$$

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: November 1, 2016

Submitted by: _____



Title: Manager Finance

Date Submitted: 10-20-2016

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: September 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 11,230,655 |
| Pet Coke Burned | (+) | 1,754,076 |
| Oil Burned | (+) | 161,992 |
| Gas Burned | (+) | 25,335 |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | 19,659 |
| Fuel (assigned cost during Forced Outage) | (+) | 43,488 |
| Fuel (substitute cost for Forced Outage) | (-) | - |
| Fuel (supplemental and back-up energy to Smelters) | (-) | - |
| Fuel (Domtar back-up / imbalance generation) | (-) | - |
| SUB-TOTAL | \$ | 13,195,887 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 788,421 |
| Identifiable fuel cost - other purchases | (+) | 4,863,225 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 115,435 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 115,435 |
| Less Purchases for supplemental and back-up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 243,756 |
| Less Purchases Above Highest Cost Units | (-) | 8,441 |
| SUB-TOTAL | \$ | 5,399,449 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 13,111,331 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | (22,643) |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 5,195,537 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: September 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 546,239,383 |
| Purchases including interchange-in | (+) | 472,651,317 |
| <u>SUB-TOTAL</u> | | <u>1,018,890,700</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 715,434,068 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 8,326,070 |
| System Losses | (+) | 24,458,884 |
| <u>SUB-TOTAL</u> | | <u>748,219,022</u> |
| | | |
| TOTAL SALES (A-B) | | <u>270,671,678</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: September 2016

| | | |
|--|---------------------|--------------------|
| 1. Last FAC Rate Billed | | \$ 0.000580 |
| 2. kWh Billed at Above Rate | | <u>270,671,678</u> |
| 3. FAC Revenue/(Refund) | (Line 1 x Line 2) | <u>\$ 156,990</u> |
| 4. kWh Used to Determine Last FAC Rate | | 309,712,016 |
| 5. Non-Jurisdictional kWh (Included in Line 4) | | <u>-</u> |
| 6. Kentucky Jurisdictional kWh | (Line 4 - Line 5) | <u>309,712,016</u> |
| 7. Revised FAC Rate Billed, if prior period adjustment is needed | | <u>\$ -</u> |
| 8. Recoverable FAC Revenue/(Refund) | (Line 1 x Line 6) | <u>\$ 179,633</u> |
| 9. Over or (Under) Recovery | (Line 3 - Line 8) | <u>\$ (22,643)</u> |
| 10. Total Sales "Sm" (From Page 3 of 4) | | <u>270,671,678</u> |
| 11. Kentucky Jurisdictional Sales | | <u>270,671,678</u> |
| 12. Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | <u>1.00000000</u> |
| 13. Total Company Over or (Under) Recovery | (Line 9 x Line 12) | <u>\$ (22,643)</u> |
| | | To Page 2, Line D |



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

RECEIVED
SEP 21 2016
FINANCIAL ANA

RECEIVED
SEP 21 2016
PUBLIC SERVICE
COMMISSION

September 20, 2016

Dr. Talina R. Mathews, Executive Director
Kentucky Public Service Commission
Attention: Chris Whelan
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Dr. Mathews:

Enclosed is Big Rivers' monthly Form A filing for the August 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for August 2016, and is to be applied to invoices for service delivered during September 2016 that will be billed early October 2016.

Note that this filing includes a revision to the Form A filing for the July 2016 expense month, previously filed with the Commission by letter dated August 19, 2016. Details of this revision are provided in Appendix A to this filing.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenergy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: August 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$6,662,402}{309,712,016 \text{ kWh}} = (+) \$ 0.021512 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.000580 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: October 1, 2016

Submitted by: 

Title: Manager Finance

Date Submitted: 9-20-2016

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: August 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 12,219,760 |
| Pet Coke Burned | (+) | 2,352,278 |
| Oil Burned | (+) | 149,484 |
| Gas Burned | (+) | 81,497 |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | 8,555 |
| Fuel (assigned cost during Forced Outage) | (+) | 1,117,612 |
| Fuel (substitute cost for Forced Outage) | (-) | 546,720 |
| Fuel (supplemental and back-up energy to Smelters) | (-) | - |
| Fuel (Domtar back-up / imbalance generation) | (-) | - |
| SUB-TOTAL | \$ | 15,365,356 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 609,448 |
| Identifiable fuel cost - other purchases | (+) | 5,010,460 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 672,779 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 672,779 |
| Less Purchases for supplemental and back-up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 187,965 |
| Less Purchases Above Highest Cost Units | (-) | 6,947 |
| SUB-TOTAL | \$ | 5,424,996 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 13,787,555 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | 29,284 |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 6,662,402 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: August 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 617,937,401 |
| Purchases including interchange-in | (+) | 555,942,658 |
| <u>SUB-TOTAL</u> | | <u>1,173,880,059</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 854,224,347 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 5,732,501 |
| System Losses | (+) | 4,211,195 |
| <u>SUB-TOTAL</u> | | <u>864,168,043</u> |
| | | |
| TOTAL SALES (A-B) | | <u>309,712,016</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: August 2016

| | | |
|--|-------------------------|--------------------|
| 1. Last FAC Rate Billed | | \$ 0.001128 |
| 2. kWh Billed at Above Rate | | <u>309,712,016</u> |
| 3. FAC Revenue/(Refund) | (Line 1 x Line 2) | <u>\$ 349,355</u> |
| 4. kWh Used to Determine Last FAC Rate | | 308,650,870 |
| 5. Non-Jurisdictional kWh (Included in Line 4) | | <u>-</u> |
| 6. Kentucky Jurisdictional kWh | (Line 4 - Line 5) | <u>308,650,870</u> |
| 7. Revised FAC Rate Billed, if prior period adjustment is needed | <i>(See Appendix A)</i> | <u>\$ 0.001037</u> |
| 8. Recoverable FAC Revenue/(Refund) | (Line 7 x Line 6) | <u>\$ 320,071</u> |
| 9. Over or (Under) Recovery | (Line 3 - Line 8) | <u>\$ 29,284</u> |
| 10. Total Sales "Sm" (From Page 3 of 4) | | <u>309,712,016</u> |
| 11. Kentucky Jurisdictional Sales | | <u>309,712,016</u> |
| 12. Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | <u>1.00000000</u> |
| 13. Total Company Over or (Under) Recovery | (Line 9 x Line 12) | <u>\$ 29,284</u> |
| | | To Page 2, Line D |

Big Rivers Electric Corporation
 Adjustment to the July 2016 Expense Month
 Included in the Form A Filing for the August 2016 Expense Month

Appendix A

| | Expense Month: | Jul-16 As Revised | Jul-16 As Filed | Jul-16 Difference |
|--|----------------|----------------------|--------------------|----------------------|
| Page 1: | | | | |
| Fuel "Fm" (Fuel Cost Schedule) | (p. 2) | \$ 6,780,670 | \$ 6,808,688 | \$ (28,018) |
| Sales "Sm" (Sales Schedule) | (p. 3) | 308,650,870 | 308,650,870 | - |
| Total Fuel Cost per kWh (F(m) / S(m)) | | \$ 0.021969 | \$ 0.022060 | \$ (0.000091) |
| Base Fuel Factor | | \$ 0.020932 | \$ 0.020932 | \$ - |
| FAC Factor | | \$ 0.001037 | \$ 0.001128 | \$ (0.000091) |
| Page 2: | | | | |
| Company Generation | | | | |
| (+) Coal Burned | | \$ 12,644,283 | \$ 12,644,283 | \$ - |
| (+) Pet Coke Burned | | 2,396,469 | 2,396,469 | - |
| (+) Oil Burned | | 292,909 | 292,909 | - |
| (+) Gas Burned | | 59,481 | 59,481 | - |
| (+) Propane Burned | | - | - | - |
| (-) MISO Make Whole Payments | | 10,056 | 10,056 | - |
| (+) Fuel (Assigned Cost During F O) | | 921,692 | 921,692 | - |
| (-) Fuel (Substitute Cost During F O) | | 469,737 | 469,737 | - |
| (-) Fuel (Supplemental & Back-Up Energy to Smelters) | | - | - | - |
| (-) Fuel (Domtar Back-Up/ Imbalance Generation) | | - | - | - |
| (A) SUB-TOTAL Generation | | \$ 15,835,041 | \$ 15,835,041 | \$ - |
| Purchases: | | | | |
| (+) Net energy cost - economy purchases | | \$ 756,984 | \$ 756,984 | \$ - |
| (+) Identifiable fuel cost - other purchases | | 5,080,654 | 5,080,654 | - |
| (+) Identifiable fuel cost - Forced Outage purchases | | 470,003 | 470,003 | - |
| (-) Identifiable fuel cost (substitute for Forced Outage) | | 470,003 | 470,003 | - |
| (-) Less Purchases for Supplemental and Back-Up to Smelters | | - | - | - |
| (-) Less Purchases for Domtar back up | | 210,333 | 210,333 | - |
| (-) Less Purchases Above Highest Cost Units | (See Note 1) | 28,018 | - | 28,018 |
| (B) SUB-TOTAL Purchases | | \$ 5,599,287 | \$ 5,627,305 | \$ (28,018) |
| Intersystem Sales | | | | |
| (C) Including Interchange-out | | \$ 14,369,710 | \$ 14,369,710 | \$ - |
| (D) Over/(Under) Recovery | (p. 4) | \$ (27,163) | \$ (27,163) | \$ - |
| (E) FAC Credit per Stipulation Agreement (Case No. 2014-00455) | | \$ 311,111 | \$ 311,111 | \$ - |
| Total Fuel Cost [(A) + (B) - (C) - (D)] | | \$ 6,780,670 | \$ 6,808,688 | \$ (28,018) |

Note 1: The original Form A filing for the July 2016 expense month, filed with the Commission by letter dated August 19, 2016, failed to properly exclude the purchased power costs in excess of Big Rivers' highest cost unit.

Big Rivers Electric Corporation
 Adjustment to the July 2016 Expense Month
 Included in the Form A Filing for the August 2016 Expense Month

Appendix A

Expense Month: Jul-16 Jul-16 Jul-16
 As Revised As Filed Difference

| Page 3: | | | | |
|---------|--|--------------------|--------------------|----------|
| | Generation (Net) | 621,551,507 | 621,551,507 | - |
| | Purchases including interchange-in | 586,814,829 | 586,814,829 | - |
| (A) | SUB-TOTAL (Generation & Purchases) | 1,208,366,336 | 1,208,366,336 | - |
| | Inter-system Sales including interchange-out | 891,194,038 | 891,194,038 | - |
| | Supplemental Sales to Smelters | - | - | - |
| | Backup Sales to Smelters | - | - | - |
| | Back-up and Energy Imbalance Sales to Domtar | 6,947,563 | 6,947,563 | - |
| | System Losses | 1,573,865 | 1,573,865 | - |
| (B) | SUB-TOTAL (OSS & Losses) | 899,715,466 | 899,715,466 | - |
| | Total Sales ((A) - (B)) | 308,650,870 | 308,650,870 | - |

| Page 4: | | | | |
|---------|--|-------------|-------------|------|
| 1. | Last FAC Rate Billed | \$ 0.000141 | \$ 0.000141 | \$ - |
| 2. | kWh Billed at Above Rate | 308,650,870 | 308,650,870 | - |
| 3. | FAC Revenue/(Refund) (Line 1 x Line 2) | \$ 43,520 | \$ 43,520 | \$ - |
| 4. | kWh Used to Determine Last FAC Rate | 289,686,270 | 289,686,270 | - |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | - | - | - |
| 6. | Kentucky Jurisdictional kWh (Line 4 - Line 5) | 289,686,270 | 289,686,270 | - |
| 7. | Revised FAC Rate, if prior period adjustment is needed | \$ 0.000244 | \$ 0.000244 | \$ - |
| 8. | Recoverable FAC Revenue/(Refund) (Line 1 x Line 6) | \$ 70,683 | \$ 70,683 | \$ - |
| 9. | Over or (Under) Recovery (Line 3 - Line 8) | \$ (27,163) | \$ (27,163) | \$ - |
| 10. | Total Sales "Sm" (Page 3) | 308,650,870 | 308,650,870 | - |
| 11. | Kentucky Jurisdictional Sales | 308,650,870 | 308,650,870 | - |
| 12. | Total Sales Divided by KY Juris. Sales (Line 10 / Line 11) | 1.0000000 | 1.0000000 | - |
| 13. | Total Co. Over or (Under) Recovery (Line 9 x Line 12) | \$ (27,163) | \$ (27,163) | \$ - |



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

FA

August 19, 2016

Dr. Talina R. Mathews, Executive Director
Kentucky Public Service Commission
Attention: Chris Whelan
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED
AUG 19 2016
FINANCIAL ANA

RECEIVED
AUG 19 2016
PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Dr. Mathews:

Enclosed is Big Rivers' monthly Form A filing for the July 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for July 2016, and is to be applied to invoices for service delivered during August 2016 that will be billed early September 2016.

Note that this filing includes a revision to the Form A filing for the June 2016 expense month, previously filed with the Commission by letter dated July 19, 2016. Details of this revision are provided in Appendix A to this filing.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenergy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: July 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$6,808,688}{308,650,870 \text{ kWh}} = (+) \$ 0.022060 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.001128 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: September 1, 2016

Submitted by: 

Title: Manager Finance

Date Submitted: 8-19-2016

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: July 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 12,644,283 |
| Pet Coke Burned | (+) | 2,396,469 |
| Oil Burned | (+) | 292,909 |
| Gas Burned | (+) | 59,481 |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | 10,056 |
| Fuel (assigned cost during Forced Outage) | (+) | 921,692 |
| Fuel (substitute cost for Forced Outage) | (-) | 469,737 |
| Fuel (supplemental and back-up energy to Smelters) | (-) | - |
| Fuel (Domtar back-up / imbalance generation) | (-) | - |
| SUB-TOTAL | \$ | 15,835,041 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 756,984 |
| Identifiable fuel cost - other purchases | (+) | 5,080,654 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 470,003 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 470,003 |
| Less Purchases for supplemental and back-up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 210,333 |
| Less Purchases Above Highest Cost Units | (-) | - |
| SUB-TOTAL | \$ | 5,627,305 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 14,369,710 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | (27,163) |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 6,808,688 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: July 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 621,551,507 |
| Purchases including interchange-in | (+) | 586,814,829 |
| <u>SUB-TOTAL</u> | | <u>1,208,366,336</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 891,194,038 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 6,947,563 |
| System Losses | (+) | 1,573,865 |
| <u>SUB-TOTAL</u> | | <u>899,715,466</u> |
| | | |
| TOTAL SALES (A-B) | | <u>308,650,870</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: July 2016

| | | | | |
|-----|---|---------------------|----|--------------------|
| 1. | Last FAC Rate Billed | | \$ | 0.000141 |
| 2. | kWh Billed at Above Rate | | | <u>308,650,870</u> |
| 3. | FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>43,520</u> |
| 4. | kWh Used to Determine Last FAC Rate | | | 289,686,270 |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. | Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>289,686,270</u> |
| 7. | Revised FAC Rate Billed, if prior period adjustment is needed | | \$ | <u>0.000244</u> |
| 8. | Recoverable FAC Revenue/(Refund) | (Line 7 x Line 6) | \$ | <u>70,683</u> |
| 9. | Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>(27,163)</u> |
| 10. | Total Sales "Sm" (From Page 3 of 4) | | | <u>308,650,870</u> |
| 11. | Kentucky Jurisdictional Sales | | | <u>308,650,870</u> |
| 12. | Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. | Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>(27,163)</u> |

To Page 2, Line D

Big Rivers Electric Corporation
Adjustment to June 2016 Expense Month
Included in Form A Filing for July 2016 Expense Month

Appendix A

| Expense Month: | As Revised | As Filed | Difference Jun-16 |
|---------------------------------------|--------------|--------------|----------------------|
| | Jun-16 | Jun-16 | |
| Page 1: | | | |
| Fuel "Fm" (Fuel Cost Schedule) (p. 2) | \$ 6,134,382 | \$ 6,104,677 | \$ 29,705 |
| Sales "Sm" (Sales Schedule) (p. 3) | 289,686,270 | 289,686,270 | - |
| Total Fuel Cost per kWh (F(m) / S(m)) | \$ 0.021176 | \$ 0.021073 | \$ 0.000103 |
| Base Fuel Factor | \$ 0.020932 | \$ 0.020932 | \$ - |
| FAC Factor | \$ 0.000244 | \$ 0.000141 | \$ 0.000103 |

| | | | |
|--|---------------------|---------------------|------------------|
| Page 2: | | | |
| Company Generation: | | | |
| (+) Coal Burned | \$ 9,430,914 | \$ 9,430,914 | \$ - |
| (+) Pet Coke Burned | 2,167,364 | 2,167,364 | - |
| (+) Oil Burned | 109,406 | 109,406 | - |
| (+) Gas Burned (See Note 1) | 10,394 | 477 | 9,917 |
| (+) Propane Burned | - | - | - |
| (-) MISO Make Whole Payments | - | - | - |
| (+) Fuel (Assigned Cost During F.O.) | 1,020,723 | 1,020,723 | - |
| (-) Fuel (Substitute Cost During F.O.) | 433,858 | 433,858 | - |
| (-) Fuel (Supplemental & Back-Up Energy to Smelters) | - | - | - |
| (-) Fuel (Domtar Back-Up/ Imbalance Generation) | - | - | - |
| (A) SUB-TOTAL Generation | \$ 12,304,943 | \$ 12,295,026 | \$ 9,917 |
| Purchases: | | | |
| (+) Net energy cost - economy purchases | \$ 508,056 | \$ 508,056 | \$ - |
| (+) Identifiable fuel cost - other purchases (See Note 2) | 2,882,170 | 2,879,994 | 2,176 |
| (+) Identifiable fuel cost - Forced Outage purchases | 742,049 | 742,049 | - |
| (-) Identifiable fuel cost (substitute for Forced Outage) | 742,049 | 742,049 | - |
| (-) Less Purchases for Supplemental and Back-Up to Smelters | - | - | - |
| (-) Less Purchases for Domtar back up | 198,484 | 198,484 | - |
| (-) Less Purchases Above Highest Cost Units (See Note 3) | - | 25,317 | (25,317) |
| (B) SUB-TOTAL Purchases | \$ 3,191,742 | \$ 3,164,249 | \$ 27,493 |
| Intersystem Sales | | | |
| (C) Including Interchange-out (See Note 4) | \$ 9,089,382 | \$ 9,081,677 | \$ 7,705 |
| (D) Over/(Under) Recovery (p. 4) | \$ (38,190) | \$ (38,190) | \$ - |
| (E) FAC Credit per Stipulation Agreement (Case No. 2014-00455) | \$ 311,111 | \$ 311,111 | \$ - |
| Total Fuel Cost [(A) + (B) - (C) - (D)] | \$ 6,134,382 | \$ 6,104,677 | \$ 29,705 |

See Page 3 of Appendix for Notes referenced above.

Big Rivers Electric Corporation
 Adjustment to June 2016 Expense Month
 Included in Form A Filing for July 2016 Expense Month

Appendix A

| <i>Expense Month:</i> | | <i>As Revised</i> | <i>As Filed</i> | <i>Difference</i> |
|-----------------------|--|--------------------|--------------------|-------------------|
| | | <i>Jan-16</i> | <i>Jan-16</i> | <i>Jan-16</i> |
| Page 3: | | | | |
| | Generation (Net) | 502,155,812 | 502,155,812 | - |
| | Purchases including interchange-in | 406,704,279 | 406,704,279 | - |
| (A) | SUB-TOTAL (Generation & Purchases) | 908,860,091 | 908,860,091 | - |
| | Inter-system Sales including interchange-out | 606,164,906 | 606,164,906 | - |
| | Supplemental Sales to Smelters | - | - | - |
| | Backup Sales to Smelters | - | - | - |
| | Back-up and Energy Imbalance Sales to Domtar | 7,493,308 | 7,493,308 | - |
| | System Losses | 5,515,607 | 5,515,607 | - |
| (B) | SUB-TOTAL (OSS & Losses) | 619,173,821 | 619,173,821 | - |
| | Total Sales ((A) - (B)) | 289,686,270 | 289,686,270 | - |

| | | | | |
|----------------|--|---------------|---------------|------|
| Page 4: | | | | |
| 1. | Last FAC Rate Billed | \$ (0.000636) | \$ (0.000636) | \$ - |
| 2. | kWh Billed at Above Rate | 289,686,270 | 289,686,270 | - |
| 3. | FAC Revenue/(Refund) (Line 1 x Line 2) | \$ (184,240) | \$ (184,240) | \$ - |
| 4. | kWh Used to Determine Last FAC Rate | 229,637,681 | 229,637,681 | - |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | - | - | - |
| 6. | Kentucky Jurisdictional kWh (Line 4 - Line 5) | 229,637,681 | 229,637,681 | - |
| 7. | Revised FAC Rate, if prior period adjustment is needed | \$ - | \$ - | \$ - |
| 8. | Recoverable FAC Revenue/(Refund) (Line 1 x Line 6) | \$ (146,050) | \$ (146,050) | \$ - |
| 9. | Over or (Under) Recovery (Line 3 - Line 8) | \$ (38,190) | \$ (38,190) | \$ - |
| 10. | Total Sales "Sm" (Page 3) | 289,686,270 | 289,686,270 | - |
| 11. | Kentucky Jurisdictional Sales | 289,686,270 | 289,686,270 | - |
| 12. | Total Sales Divided by KY Juris. Sales (Line 10 / Line 11) | 1.0000000 | 1.0000000 | - |
| 13. | Total Co. Over or (Under) Recovery (Line 9 x Line 12) | \$ (38,190) | \$ (38,190) | \$ - |

See Page 3 of Appendix for Notes referenced above.

**Big Rivers Electric Corporation
Adjustment to June 2016 Expense Month
Included in Form A Filing for July 2016 Expense Month**

Appendix A

Note 1: The cost of gas burned at the Reid Combustion Turbine (CT) was originally understated by \$9,917.

Note 2: The additional \$9,917 of gas burned at the Reid CT increased the system average fuel cost to \$23.595 per MWh, up from \$23.575 per MWh, increasing the fuel portion of such purchased power cost.

Note 3: The additional \$9,917 of gas burned at the Reid CT resulted in it being the highest cost unit available, rather than Henderson Municipal Power & Light's (HMP&L's) unit 1. The resulting Reid CT fuel cost per MWh of net generation was \$65.369 vs. HMP&L's unit 1 fuel cost per MWh net generation of \$29.976.

Note 4: The additional \$9,917 of gas burned at the Reid CT, which resulted in the system average fuel cost increasing to \$23.595, increased the fuel portion of the off-system sales.



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July 19, 2016



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PUBLIC SERVICE
 COMMISSION

Talina R. Mathews, Executive Director
 Kentucky Public Service Commission
 Attention: Chris Whelan
 211 Sower Boulevard
 P.O. Box 615
 Frankfort, KY 40602

RE: Big Rivers Electric Corporation
 Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Ms. Mathews:

Enclosed is Big Rivers' monthly Form A filing for the June 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for June 2016, and is to be applied to invoices for service delivered during July 2016 that will be billed early August 2016.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
 Manager Finance, Big Rivers Electric Corporation

Enclosure

c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
 Ms. Donna M. Windhaus, Director Accounting/Finance
 Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
 Mr. Dennis Cannon, Jackson Purchase Energy Corporation
 Mr. Jeff Hohn, Kenergy Corp.
 Mr. Marty Littrel, Meade County RECC
 James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: June 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$6,104,677}{289,686,270 \text{ kWh}} = (+) \$ 0.021073 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.000141 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: August 1, 2016

Submitted by: 

Title: Manager Finance

Date Submitted: 7-19-2016

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: June 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 9,430,914 |
| Pet Coke Burned | (+) | 2,167,364 |
| Oil Burned | (+) | 109,406 |
| Gas Burned | (+) | 477 |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | - |
| Fuel (assigned cost during Forced Outage) | (+) | 1,020,723 |
| Fuel (substitute cost for Forced Outage) | (-) | 433,858 |
| Fuel (Supplemental and Back-Up energy to Smelters) | (-) | - |
| Fuel (Domtar back up / imbalance generation) | (-) | - |
| SUB-TOTAL | \$ | 12,295,026 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 508,056 |
| Identifiable fuel cost - other purchases | (+) | 2,879,994 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 742,049 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 742,049 |
| Less Purchases for Supplemental and Back-Up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 198,484 |
| Less Purchases Above Highest Cost Units | (-) | 25,317 |
| SUB-TOTAL | \$ | 3,164,249 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 9,081,677 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | (38,190) |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 6,104,677 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: June 2016

| | | |
|--|-----|--------------------|
| (A) Generation (Net) | (+) | 502,155,812 |
| Purchases including interchange-in | (+) | 406,704,279 |
| <u>SUB-TOTAL</u> | | <u>908,860,091</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 606,164,906 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 7,493,308 |
| System Losses | (+) | 5,515,607 |
| <u>SUB-TOTAL</u> | | <u>619,173,821</u> |
| | | |
| TOTAL SALES (A-B) | | <u>289,686,270</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: June 2016

| | | | | |
|-----|---|---------------------|----|--------------------|
| 1. | Last FAC Rate Billed | | \$ | (0.000636) |
| 2. | kWh Billed at Above Rate | | | <u>289,686,270</u> |
| 3. | FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>(184,240)</u> |
| 4. | kWh Used to Determine Last FAC Rate | | | 229,637,681 |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. | Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>229,637,681</u> |
| 7. | Revised FAC Rate Billed, if prior period adjustment is needed | | \$ | <u>-</u> |
| 8. | Recoverable FAC Revenue/(Refund) | (Line 1 x Line 6) | \$ | <u>(146,050)</u> |
| 9. | Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>(38,190)</u> |
| 10. | Total Sales "Sm" (From Page 3 of 4) | | | <u>289,686,270</u> |
| 11. | Kentucky Jurisdictional Sales | | | <u>289,686,270</u> |
| 12. | Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. | Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>(38,190)</u> |

To Page 2, Line D

FA



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PUBLIC SERVICE
COMMISSION

June 20, 2016

Executive Director
Kentucky Public Service Commission
Attention: Chris Whelan
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Executive Director:

Enclosed is Big Rivers' monthly Form A filing for the May 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for May 2016, and is to be applied to invoices for service delivered during June 2016 that will be billed early July 2016.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenegy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: May 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$4,660,637}{229,637,681 \text{ kWh}} = (+) \$ 0.020296 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

$$\text{FAC Factor (1)} = \underline{\underline{\$ (0.000636) / \text{kWh}}}$$

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: July 1, 2016

Submitted by: 

Title: Manager Finance

Date Submitted: 6-20-2016

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: May 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 10,374,596 |
| Pet Coke Burned | (+) | 2,044,137 |
| Oil Burned | (+) | 165,317 |
| Gas Burned | (+) | - |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | - |
| Fuel (assigned cost during Forced Outage) | (+) | 632,521 |
| Fuel (substitute cost for Forced Outage) | (-) | 331,726 |
| Fuel (Supplemental and Back-Up energy to Smelters) | (-) | - |
| Fuel (Domtar back up / imbalance generation) | (-) | - |
| SUB-TOTAL | \$ | 12,884,845 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 767,642 |
| Identifiable fuel cost - other purchases | (+) | 7,145,462 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 264,097 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 300,795 |
| Less Purchases for Supplemental and Back-Up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 308,030 |
| Less Purchases Above Highest Cost Units | (-) | 9,646 |
| SUB-TOTAL | \$ | 7,558,730 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 15,472,812 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | (985) |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 4,660,637 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: May 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 519,751,814 |
| Purchases including interchange-in | (+) | 629,615,018 |
| <u>SUB-TOTAL</u> | | <u>1,149,366,832</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 874,741,844 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 14,412,166 |
| System Losses | (+) | 30,575,141 |
| <u>SUB-TOTAL</u> | | <u>919,729,151</u> |
| | | |
| TOTAL SALES (A-B) | | <u>229,637,681</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: May 2016

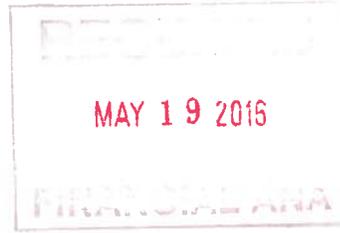
| | | | | |
|-----|---|---------------------|----|--------------------|
| 1. | Last FAC Rate Billed | | \$ | (0.000146) |
| 2. | kWh Billed at Above Rate | | | <u>229,637,681</u> |
| 3. | FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>(33,527)</u> |
| 4. | kWh Used to Determine Last FAC Rate | | | 222,889,693 |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. | Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>222,889,693</u> |
| 7. | Revised FAC Rate Billed, if prior period adjustment is needed | | \$ | <u>-</u> |
| 8. | Recoverable FAC Revenue/(Refund) | (Line 1 x Line 6) | \$ | <u>(32,542)</u> |
| 9. | Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>(985)</u> |
| 10. | Total Sales "Sm" (From Page 3 of 4) | | | <u>229,637,681</u> |
| 11. | Kentucky Jurisdictional Sales | | | <u>229,637,681</u> |
| 12. | Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. | Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>(985)</u> |

To Page 2, Line D



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May 19, 2016



RECEIVED

MAY 19 2016

PUBLIC SERVICE
COMMISSION

Executive Director
Kentucky Public Service Commission
Attention: Chris Whelan
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Executive Director:

Enclosed is Big Rivers' monthly Form A filing for the April 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for April 2016, and is to be applied to invoices for service delivered during May 2016 that will be billed early June 2016.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenergy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: April 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$4,633,095}{222,889,693 \text{ kWh}} = (+) \$ 0.020786 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ (0.000146) / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: June 1, 2016

Submitted by: 

Title: Manager Finance

Date Submitted: 05-19-16

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: April 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 11,110,575 |
| Pet Coke Burned | (+) | 1,909,904 |
| Oil Burned | (+) | 216,239 |
| Gas Burned | (+) | - |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | - |
| Fuel (assigned cost during Forced Outage) | (+) | 800,128 |
| Fuel (substitute cost for Forced Outage) | (-) | 237,037 |
| Fuel (Supplemental and Back-Up energy to Smelters) | (-) | - |
| Fuel (Domtar back up / imbalance generation) | (-) | - |
| SUB-TOTAL | \$ | 13,799,809 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 767,837 |
| Identifiable fuel cost - other purchases | (+) | 4,260,990 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 623,112 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 623,112 |
| Less Purchases for Supplemental and Back-Up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 63,148 |
| Less Purchases Above Highest Cost Units | (-) | 70,095 |
| SUB-TOTAL | \$ | 4,895,584 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 13,760,738 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | (9,551) |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 4,633,095 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: April 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 540,399,279 |
| Purchases including interchange-in | (+) | 532,091,123 |
| <u>SUB-TOTAL</u> | | <u>1,072,490,402</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 830,839,825 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 2,474,335 |
| System Losses | (+) | 16,286,549 |
| <u>SUB-TOTAL</u> | | <u>849,600,709</u> |
| | | |
| TOTAL SALES (A-B) | | <u>222,889,693</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: April 2016

| | | | | |
|-----|---|---------------------|----|--------------------|
| 1. | Last FAC Rate Billed | | \$ | 0.000483 |
| 2. | kWh Billed at Above Rate | | | <u>222,889,693</u> |
| 3. | FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>107,656</u> |
| 4. | kWh Used to Determine Last FAC Rate | | | 242,663,843 |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. | Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>242,663,843</u> |
| 7. | Revised FAC Rate Billed, if prior period adjustment is needed | | \$ | <u>-</u> |
| 8. | Recoverable FAC Revenue/(Refund) | (Line 1 x Line 6) | \$ | <u>117,207</u> |
| 9. | Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>(9,551)</u> |
| 10. | Total Sales "Sm" (From Page 3 of 4) | | | <u>222,889,693</u> |
| 11. | Kentucky Jurisdictional Sales | | | <u>222,889,693</u> |
| 12. | Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. | Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>(9,551)</u> |

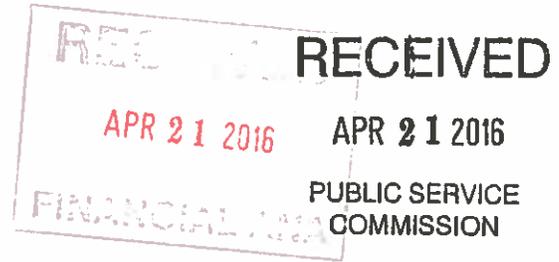
To Page 2, Line D



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

FA

April 20, 2016



Executive Director
Kentucky Public Service Commission
Attention: Chris Whelan
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Executive Director:

Enclosed is Big Rivers' monthly Form A filing for the March 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for March 2016, and is to be applied to invoices for service delivered during April 2016 that will be billed early May 2016.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenenergy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: March 2016

| | | | |
|--------------------------------|-----------------|----------|--------------------------|
| Fuel "Fm" (Fuel Cost Schedule) | \$5,196,584 | = (+) \$ | 0.021415 / kWh |
| ----- | ----- | | |
| Sales "Sm" (Sales Schedule) | 242,663,843 kWh | | |
| | | | |
| Base Fuel Component | | = (-) | 0.020932 / kWh |
| | | | |
| | FAC Factor (1) | = | <u>\$ 0.000483 / kWh</u> |

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: May 1, 2016

Submitted by: *Paul Costa*

Title: Manager Finance

Date Submitted: 04-20-16

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: March 2016

| | | |
|---|--------|------------------|
| (A) Company Generation | | |
| <hr/> | | |
| Coal Burned | (+) \$ | 12,759,363 |
| Pet Coke Burned | (+) | 2,129,477 |
| Oil Burned | (+) | 80,704 |
| Gas Burned | (+) | (4) |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | - |
| Fuel (assigned cost during Forced Outage) | (+) | - |
| Fuel (substitute cost for Forced Outage) | (-) | - |
| Fuel (Supplemental and Back-Up energy to Smelters) | (-) | - |
| Fuel (Domtar back up / imbalance generation) | (-) | - |
| <hr/> | | |
| SUB-TOTAL | \$ | 14,969,540 |
| | | |
| (B) Purchases | | |
| <hr/> | | |
| Net energy cost - economy purchases | (+) \$ | 652,449 |
| Identifiable fuel cost - other purchases | (+) | 3,766,903 |
| Identifiable fuel cost - Forced Outage purchases | (+) | - |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | - |
| Less Purchases for Supplemental and Back-Up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 51,290 |
| Less Purchases Above Highest Cost Units | (-) | 12,482 |
| <hr/> | | |
| SUB-TOTAL | \$ | 4,355,580 |
| | | |
| (C) Inter-System Sales | | |
| <hr/> | | |
| Including Interchange-out | \$ | 13,836,141 |
| | | |
| (D) Over or (Under) Recovery | | |
| <hr/> | | |
| From Page 4, Line 13 | \$ | (18,716) |
| | | |
| (E) FAC Credit | | |
| <hr/> | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| | | |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | <u>5,196,584</u> |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015, in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: March 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 626,534,745 |
| Purchases including interchange-in | (+) | 464,947,614 |
| <u>SUB-TOTAL</u> | | <u>1,091,482,359</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 831,242,587 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 2,467,048 |
| System Losses | (+) | 15,108,881 |
| <u>SUB-TOTAL</u> | | <u>848,818,516</u> |
| | | |
| TOTAL SALES (A-B) | | <u>242,663,843</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: March 2016

| | | | | |
|-----|---|---------------------|----|--------------------|
| 1. | Last FAC Rate Billed | | \$ | 0.000533 |
| 2. | kWh Billed at Above Rate | | | <u>242,663,843</u> |
| 3. | FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>129,340</u> |
| 4. | kWh Used to Determine Last FAC Rate | | | <u>277,778,386</u> |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. | Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>277,778,386</u> |
| 7. | Revised FAC Rate Billed, if prior period adjustment is needed | | \$ | <u>-</u> |
| 8. | Recoverable FAC Revenue/(Refund) | (Line 1 x Line 6) | \$ | <u>148,056</u> |
| 9. | Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>(18,716)</u> |
| 10. | Total Sales "Sm" (From Page 3 of 4) | | | <u>242,663,843</u> |
| 11. | Kentucky Jurisdictional Sales | | | <u>242,663,843</u> |
| 12. | Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. | Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>(18,716)</u> |

To Page 2, Line D



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

~~WEX~~

FA

March 21, 2016

Mr. Jeff DeRouen
Executive Director
c/o Chris Whelan
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40601

RECEIVED
MAR 21 2016
FINANCIAL ANA

RECEIVED
MAR 22 2016
PUBLIC SERVICE COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly Form A filing for the February 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for February 2016, and is to be applied to invoices for service delivered during March 2016 that will be billed early April 2016.

Please note, this filing includes adjustments for errors identified in the Form A filing for the January 2016 expense month, previously filed with the Commission by letter dated February 18, 2016. Details of these adjustments are provided in Appendix A to this filing.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenergy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: February 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$5,962,629}{277,778,386 \text{ kWh}} = (+) \$ 0.021465 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.000533 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: April 1, 2016

Submitted by: 

Title: Manager Finance

Date Submitted: 03-21-16

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: February 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 12,066,878 |
| Pet Coke Burned | (+) | 1,690,726 |
| Oil Burned | (+) | 92,953 |
| Gas Burned | (+) | 51 |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | - |
| Fuel (assigned cost during Forced Outage) | (+) | 226,784 |
| Fuel (substitute cost for Forced Outage) | (-) | 71,066 |
| Fuel (Supplemental and Back-Up energy to Smelters) | (-) | - |
| Fuel (Domtar back up / imbalance generation) | (-) | 78,521 |
| SUB-TOTAL | \$ | 13,927,805 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 592,236 |
| Identifiable fuel cost - other purchases | (+) | 6,132,493 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 137,232 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 155,718 |
| Less Purchases for Supplemental and Back-Up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 60,665 |
| Less Purchases Above Highest Cost Units | (-) | 11,556 |
| SUB-TOTAL | \$ | 6,634,022 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 14,329,064 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | (40,977) |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 5,962,629 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015 in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: February 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 578,130,295 |
| Purchases including interchange-in | (+) | 597,573,901 |
| <u>SUB-TOTAL</u> | | <u>1,175,704,196</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 876,675,328 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 5,798,989 |
| System Losses | (+) | 15,451,493 |
| <u>SUB-TOTAL</u> | | <u>897,925,810</u> |
| | | |
| TOTAL SALES (A-B) | | <u>277,778,386</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: February 2016

| | | | | |
|-----|--|---------------------|----|--------------------|
| 1. | Last FAC Rate Billed | | \$ | 0.001050 |
| 2. | kWh Billed at Above Rate | | | <u>277,778,386</u> |
| 3. | FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>291,667</u> |
| 4. | kWh Used to Determine Last FAC Rate | | | 320,466,470 |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. | Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>320,466,470</u> |
| 7. | Revised FAC Rate Billed, if prior period adjustment is needed (See Appendix A) | | \$ | <u>0.001038</u> |
| 8. | Recoverable FAC Revenue/(Refund) | (Line 7 x Line 6) | \$ | <u>332,644</u> |
| 9. | Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>(40,977)</u> |
| 10. | Total Sales "Sm" (From Page 3 of 4) | | | <u>277,778,386</u> |
| 11. | Kentucky Jurisdictional Sales | | | <u>277,778,386</u> |
| 12. | Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. | Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>(40,977)</u> |

To Page 2, Line D

Big Rivers Electric Corporation
Adjustment to January 2016 Expense Month
Included in Form A Filing for February 2016 Expense Month

Appendix A

| <i>Expense Month:</i> | <i>As Revised Jan-16</i> | <i>As Filed Jan-16</i> | <i>Difference Jan-16</i> |
|--|------------------------------|----------------------------|------------------------------|
| Page 1: | | | |
| Fuel "Fm" (Fuel Cost Schedule) (p. 2) | \$ 7,040,670 | \$ 7,044,561 | \$ (3,891) |
| Sales "Sm" (Sales Schedule) (p. 3) | 320,466,470 | 320,466,470 | - |
| Total Fuel Cost per kWh (F(m) / S(m)) | \$ 0.021970 | \$ 0.021982 | \$ (0.000012) |
| Base Fuel Factor | \$ 0.020932 | \$ 0.020932 | \$ - |
| FAC Factor | \$ 0.001038 | \$ 0.001050 | \$ (0.000012) |
| Page 2: | | | |
| Company Generation | | | |
| (+) Coal Burned | \$ 11,898,711 | \$ 11,898,711 | \$ - |
| (+) Pet Coke Burned | 1,052,106 | 1,052,106 | - |
| (+) Oil Burned | 269,011 | 269,011 | - |
| (+) Gas Burned | - | - | - |
| (+) Propane Burned | - | - | - |
| (-) MISO Make Whole Payments | - | - | - |
| (+) Fuel (Assigned Cost During F.O.) | 846,419 | 846,419 | - |
| (-) Fuel (Substitute Cost During F.O.) (See Note 1) | 436,560 | 436,610 | (50) |
| (-) Fuel (Supplemental & Back-Up Energy to Smelters) | - | - | - |
| (-) Fuel (Domtar Back-Up/ Imbalance Generation) (See Note 2) | 28,963 | 24,003 | 4,960 |
| (A) SUB-TOTAL Generation | \$ 13,600,724 | \$ 13,605,634 | \$ (4,910) |
| Purchases: | | | |
| (+) Net energy cost - economy purchases (See Note 3) | \$ 462,644 | \$ 465,244 | \$ (2,600) |
| (+) Identifiable fuel cost - other purchases (See Note 4) | 7,166,370 | 7,178,181 | (11,811) |
| (+) Identifiable fuel cost - Forced Outage purchases (See Note 5) | 372,502 | 372,479 | 23 |
| (-) Identifiable fuel cost (substitute for Forced Outage) (See Note 1) | 409,859 | 409,809 | 50 |
| (-) Less Purchases for Supplemental and Back-Up to Smelters | - | - | - |
| (-) Less Purchases for Domtar back up (See Note 4) | 21,617 | 24,283 | (2,666) |
| (-) Less Purchases Above Highest Cost Units (See Note 6) | 36,764 | 41,231 | (4,467) |
| (B) SUB-TOTAL Purchases | \$ 7,533,276 | \$ 7,540,581 | \$ (7,305) |
| Intersystem Sales | | | |
| (C) Including Interchange-out (See Note 7) | \$ 13,670,830 | \$ 13,679,154 | \$ (8,324) |
| (D) Over/(Under) Recovery (p. 4) | \$ 111,389 | \$ 111,389 | \$ - |
| (E) FAC Credit per Stipulation Agreement (Case No. 2014-00455) | \$ 311,111 | \$ 311,111 | \$ - |
| Total Fuel Cost [(A) + (B) - (C) - (D)] | \$ 7,040,670 | \$ 7,044,561 | \$ (3,891) |

See Page 3 of Appendix for Notes referenced above.

Big Rivers Electric Corporation
Adjustment to January 2016 Expense Month
Included in Form A Filing for February 2016 Expense Month

Appendix A

| | | Expense Month: | As Revised Jan-16 | As Filed Jan-16 | Difference Jan-16 |
|----------------|---|---------------------|----------------------|----------------------|----------------------|
| Page 3: | | | | | |
| | Generation (Net) | | 530,982,618 | 530,982,618 | - |
| | Purchases including interchange-in | <i>(See Note 6)</i> | 666,900,670 | 667,196,962 | (296,292) |
| (A) | SUB-TOTAL (Generation & Purchases) | | 1,197,883,288 | 1,198,179,580 | (296,292) |
| | Inter-system Sales including interchange-out | <i>(See Note 7)</i> | 857,731,182 | 857,477,505 | 253,677 |
| | Supplemental Sales to Smelters | | - | - | - |
| | Backup Sales to Smelters | | - | - | - |
| | Back-up and Energy Imbalance Sales to Domtar | <i>(See Note 8)</i> | 2,031,457 | 1,979,242 | 52,215 |
| | System Losses | | 17,654,179 | 18,256,363 | (602,184) |
| (B) | SUB-TOTAL (OSS & Losses) | | 877,416,818 | 877,713,110 | (296,292) |
| | Total Sales ((A) - (B)) | | 320,466,470 | 320,466,470 | - |

| | | | | | |
|----------------|--|----------------------------|-------------|-------------|------|
| Page 4: | | | | | |
| 1. | Last FAC Rate Billed | | \$ 0.001850 | \$ 0.001850 | \$ - |
| 2. | kWh Billed at Above Rate | | 320,466,470 | 320,466,470 | - |
| 3. | FAC Revenue/(Refund) | <i>(Line 1 x Line 2)</i> | \$ 592,863 | \$ 592,863 | \$ - |
| 4. | kWh Used to Determine Last FAC Rate | | 260,256,073 | 260,256,073 | - |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | - | - | - |
| 6. | Kentucky Jurisdictional kWh | <i>(Line 4 - Line 5)</i> | 260,256,073 | 260,256,073 | - |
| 7. | Revised FAC Rate, if prior period adjustment is needed | | \$ - | \$ - | \$ - |
| 8. | Recoverable FAC Revenue/(Refund) | <i>(Line 1 x Line 6)</i> | \$ 481,474 | \$ 481,474 | \$ - |
| 9. | Over or (Under) Recovery | <i>(Line 3 - Line 8)</i> | \$ 111,389 | \$ 111,389 | \$ - |
| 10. | Total Sales "Sm" | <i>(Page 3)</i> | 320,466,470 | 320,466,470 | - |
| 11. | Kentucky Jurisdictional Sales | | 320,466,470 | 320,466,470 | - |
| 12. | Total Sales Divided by KY Juris. Sales | <i>(Line 10 / Line 11)</i> | 1.0000000 | 1.0000000 | - |
| 13. | Total Co. Over or (Under) Recovery | <i>(Line 9 x Line 12)</i> | \$ 111,389 | \$ 111,389 | \$ - |

See Page 3 of Appendix for Notes referenced above.

Note 1: The cost of fuel included in Fuel (Substitute Cost During Forced Outage) for the H1-16-01 outage was previously calculated as \$125,138 based on 5,122,313 kWh. The amount above includes the corrected amount of \$125,088 for the H1-16-01 outage based on 5,120,272 kWh.

Note 2: Fuel (Domtar Back-Up/Imbalance Generation) was previously calculated as \$24,003 based on 931,044 kWh. The amount above includes the corrected amount of \$28,963 based on 1,124,630 kWh.

Note 3: For Net energy cost - economy purchases, the energy cost of MISO purchases available for system were 6,684,439 kWh for a cost of \$152,701, whereas it was previously reported as 6,505,693 for a cost of \$155,301.

Note 4: For Identifiable fuel cost - other purchases, MISO non-displacement purchases were 11,379,183 kWh for a cost of \$279,702, whereas it was previously reported as 11,678,263 kWh and a cost of \$285,760. Domtar MISO non-displacement purchases were 906,827 for a cost of \$21,617, whereas it was previously reported as 1,048,198 kWh for a cost of \$24,283. MISO purchases to cover load and lack of generation were 586,114 kWh for a cost of \$25,054, whereas it was previously reported as 622,742 kWh for a cost of \$20,705. Finally, system average fuel cost was \$25.753 per MWh, whereas it was previously reported as \$25.781 per MWh, revising the fuel cost of purchases for Intersystem sales to \$6,839,997, from \$6,847,433.

Note 5: Identifiable fuel cost - Forced Outage purchases was 15,074,729 kWh for a cost of \$372,502, whereas it was previously reported as 15,072,688 kWh for a cost of \$372,479.

Note 6: For Purchases Above Highest Cost Units, economic purchases were 6,684,439 kWh at a cost in excess of the highest cost unit of \$1,716, whereas it was previously reported as 6,505,693 kWh at a cost in excess of the highest cost unit of \$6,818. Purchases for the G1-15-13 U04 outage were 1,784,341 kWh at a cost in excess of the highest cost unit of \$24,967, whereas it was previously reported as 2,020,566 kWh at a cost in excess of the highest cost unit of \$25,090. Purchases for the H2-16-01 U04 outage were 4,762,866 kWh for a cost in excess of the highest cost unit of \$2,504, whereas it was previously reported as 4,748,102 kWh at a cost in excess of the highest cost unit of \$2,504. Purchases to cover load and lack of generation were 586,115 kWh at a cost in excess of the highest cost unit of \$7,576, whereas it was previously reported as 622,742 kWh at a cost in excess of the highest cost unit of \$6,818.

Note 7: Intersystem Sales to MISO were 530,844,182 kWh, whereas they were previously reported as 530,590,505 kWh.

Note 8: Back-up and Energy Imbalance Sales to Domtar from generation were 1,124,630 kWh and from purchases were 906,827 kWh, whereas they were previously reported as 931,044 kWh from generation and 1,048,198 kWh from purchases.

FA



RECEIVED
FEB 22 2016
FINANCIAL ANA

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Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

February 18, 2016

RECEIVED
FEB 19 2016
PUBLIC SERVICE
COMMISSION

Mr. Jeff DeRouen
Executive Director
c/o Chris Whelan
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40601

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause ("FAC") – Form A Filing

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly Form A filing for the January 2016 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for January 2016, and is to be applied to invoices for service delivered during February 2016 that will be billed early March 2016.

Pursuant to the Stipulation and Recommendation agreement dated May 26, 2015, approved by order of the Commission July 27, 2015 (Case No. 2014-00455), and later approved by the Rural Utilities Service ("RUS") October 23, 2015, the Fuel Cost Schedule (Page 2 of the attached Form A filing) includes an FAC Credit of \$311,111. The monthly FAC Credit was first included in Big Rivers' Form A filing for the October 2015 expense month and will continue being included in the filings for a total of up to fifteen months, based on the terms of the Stipulation and Recommendation agreement.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

Nick Castlen, CPA
Manager Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Lindsay N. Barron, CPA, Chief Financial Officer
- Ms. Donna M. Windhaus, Director Accounting/Finance
- Ms. DeAnna M. Speed, CPA, Director Rates and Budgets
- Mr. Dennis Cannon, Jackson Purchase Energy Corporation
- Mr. Jeff Hohn, Kenergy Corp.
- Mr. Marty Littrel, Meade County RECC
- James Miller, Esq., General Counsel

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: January 2016

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$7,044,561}{320,466,470 \text{ kWh}} = (+) \$ 0.021982 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.001050 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: March 1, 2016

Submitted by: 

Title: Manager Finance

Date Submitted: 02-18-2016

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: January 2016

| | | |
|---|-----------|-------------------|
| (A) Company Generation | | |
| Coal Burned | (+) \$ | 11,898,711 |
| Pet Coke Burned | (+) | 1,052,106 |
| Oil Burned | (+) | 269,011 |
| Gas Burned | (+) | - |
| Propane Burned | (+) | - |
| MISO Make Whole Payments | (-) | - |
| Fuel (assigned cost during Forced Outage) | (+) | 846,419 |
| Fuel (substitute cost for Forced Outage) | (-) | 436,610 |
| Fuel (Supplemental and Back-Up energy to Smelters) | (-) | - |
| Fuel (Domtar back up / imbalance generation) | (-) | 24,003 |
| SUB-TOTAL | \$ | 13,605,634 |
| (B) Purchases | | |
| Net energy cost - economy purchases | (+) \$ | 465,244 |
| Identifiable fuel cost - other purchases | (+) | 7,178,181 |
| Identifiable fuel cost - Forced Outage purchases | (+) | 372,479 |
| Identifiable fuel cost (substitute for Forced Outage) | (-) | 409,809 |
| Less Purchases for Supplemental and Back-Up energy to Smelters | (-) | - |
| Less Purchases for Domtar back up | (-) | 24,283 |
| Less Purchases Above Highest Cost Units | (-) | 41,231 |
| SUB-TOTAL | \$ | 7,540,581 |
| (C) Inter-System Sales | | |
| Including Interchange-out | \$ | 13,679,154 |
| (D) Over or (Under) Recovery | | |
| From Page 4, Line 13 | \$ | 111,389 |
| (E) FAC Credit | | |
| FAC Credit per Stipulation Agreement (Case No. 2014-00455) ⁽¹⁾ | \$ | 311,111 |
| TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)-(E)] = | \$ | 7,044,561 |

⁽¹⁾ Monthly FAC Credit of \$311,111 for each month beginning with the FAC filing for the October 2015 expense month, per Big Rivers' revised FAC tariff filed with the Commission on November 12, 2015, pursuant to the Stipulation and Recommendation Agreement approved by order of the Commission dated July 27, 2015 in Case No. 2014-00455.

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: January 2016

| | | |
|--|-----|----------------------|
| (A) Generation (Net) | (+) | 530,982,618 |
| Purchases including interchange-in | (+) | 667,196,962 |
| <u>SUB-TOTAL</u> | | <u>1,198,179,580</u> |
| | | |
| (B) Inter-system Sales including interchange-out | (+) | 857,477,505 |
| Supplemental Sales to Smelters | (+) | - |
| Backup Sales to Smelters | (+) | - |
| Back-up and Energy Imbalance Sales Domtar | (+) | 1,979,242 |
| System Losses | (+) | 18,256,363 |
| <u>SUB-TOTAL</u> | | <u>877,713,110</u> |
| | | |
| TOTAL SALES (A-B) | | <u>320,466,470</u> |

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: January 2016

| | | | | |
|-----|---|---------------------|----|--------------------|
| 1. | Last FAC Rate Billed | | \$ | 0.001850 |
| 2. | kWh Billed at Above Rate | | | <u>320,466,470</u> |
| 3. | FAC Revenue/(Refund) | (Line 1 x Line 2) | \$ | <u>592,863</u> |
| 4. | kWh Used to Determine Last FAC Rate | | | 260,256,073 |
| 5. | Non-Jurisdictional kWh (Included in Line 4) | | | <u>-</u> |
| 6. | Kentucky Jurisdictional kWh | (Line 4 - Line 5) | | <u>260,256,073</u> |
| 7. | Revised FAC Rate Billed, if prior period adjustment is needed | | \$ | <u>-</u> |
| 8. | Recoverable FAC Revenue/(Refund) | (Line 1 x Line 6) | \$ | <u>481,474</u> |
| 9. | Over or (Under) Recovery | (Line 3 - Line 8) | \$ | <u>111,389</u> |
| 10. | Total Sales "Sm" (From Page 3 of 4) | | | <u>320,466,470</u> |
| 11. | Kentucky Jurisdictional Sales | | | <u>320,466,470</u> |
| 12. | Total Sales Divided by Kentucky Jurisdictional Sales | (Line 10 / Line 11) | | <u>1.00000000</u> |
| 13. | Total Company Over or (Under) Recovery | (Line 9 x Line 12) | \$ | <u>111,389</u> |

To Page 2, Line D