



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

February 17, 2012

RECEIVED

FEB 20 2012

PUBLIC SERVICE  
COMMISSION

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

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on January 2012 kWh and cost data, to be applied to invoices for February 2012 service that will be billed early March 2012.

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

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

Ralph A. Ashworth  
Director Finance

Enclosure

- c: Mr. Mark A. Hite, CPA, Vice President of Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Sandy Novick, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

RECEIVED  
FEB 21 2012  
FINANCIAL ANA

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month = January 2012

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$21,466,028}{930,110,760 \text{ KWH}} = (+) \$ 0.023079 / \text{KWH}$$

Base Fuel Component = (-) 0.020932 / KWH

FAC Factor (1) = \$ 0.002147 / KWH

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

Effective Date for Billing: March 1, 2012

Submitted by 

Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month = January 2012

<b>(A) Company Generation</b>		
Coal Burned	(+) \$	18,693,925
Pet Coke Burned	(+)	494,518
Oil Burned	(+)	291,925
Gas Burned	(+)	35,639
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	59,801
Fuel (assigned cost during Forced Outage)	(+)	161,034
Fuel (substitute cost for Forced Outage)	(-)	44,504
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	24,352
Fuel (Domtar back up / imbalance generation)	(-)	1,927
SUB-TOTAL	\$	19,546,457
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	3,682,529
Identifiable fuel cost - other purchases	(+)	326,058
Identifiable fuel cost - Forced Outage purchases	(+)	194,352
Identifiable fuel cost (substitute for Forced Outage)	(-)	194,352
Less Purchases for Supplemental and Back-Up energy to Smelters)	(-)	-
Less Purchases for Domtar back up	(-)	29,380
Less Purchases Above Highest Cost Units	(-)	579
SUB-TOTAL	\$	3,978,628
<b>(C) Inter-System Sales</b>		
Including Interchange-out	\$	2,033,524
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13	\$	25,533
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>	<b>\$</b>	<b>21,466,028</b>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (KWH)**

Expense Month = January 2012

(A) Generation (Net)	(+)	846,843,900
Purchases including interchange-in	(+)	<u>338,134,200</u>
SUB-TOTAL		<u><u>1,184,978,100</u></u>
(B) Inter-system Sales including interchange-out	(+)	250,786,600
Supplemental Sales to Smelters	(+)	125,000
Backup Sales to Smelters	(+)	929,379
Back-up and Energy Imbalance Sales Domtar	(+)	1,184,090
System Losses	(+)	<u>1,842,271</u>
SUB-TOTAL		<u><u>254,867,340</u></u>
TOTAL SALES (A-B)		<u><u>930,110,760</u></u>

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

Expense Month = January 2012

1.	Last FAC Rate Billed		0.001691
2.	KWH Billed at Above Rate		<u>930,110,760</u>
3.	FAC Revenue/(Refund)*	(Line 1 x Line 2)	<u>\$ 1,572,817</u>
4.	KWH Used to Determine Last FAC Rate		915,011,009
5.	Non-Jurisdictional KWH (Included in Line 4)		<u>0</u>
6.	Kentucky Jurisdictional KWH	(Line 4 - Line 5)	<u>915,011,009</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		-
8.	Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	<u>\$ 1,547,284</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ 25,533</u>
10.	Total Sales "Sm" (From Page 3 of 4)		<u>930,110,760</u>
11.	Kentucky Jurisdictional Sales		<u>930,110,760</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>\$ 25,533</u>

To Page 2, Line D



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

March 21, 2012

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

RECEIVED

MAR 22 2012

PUBLIC SERVICE  
COMMISSION

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on February 2012 kWh and cost data, to be applied to invoices for March 2012 service that will be billed early April 2012.

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

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

Ralph A. Ashworth  
Director Finance

Enclosure

- c: Mr. Mark A. Hite, CPA, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Sandy Novick, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

RECEIVED

MAR 23 2012

FINANCIAL ANA

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month = February 2012

$$\begin{array}{r} \text{Fuel "Fm" (Fuel Cost Schedule)} \\ \hline \text{Sales "Sm" (Sales Schedule)} \end{array} = \frac{\$20,594,259}{856,369,280 \text{ kWh}} = (+) \$ 0.024048 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.003116 / kWh

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

Effective Date for Billing: April 1, 2012

Submitted by 

Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month = February 2012

<b>(A) Company Generation</b>		
<hr/>		
Coal Burned	(+) \$	16,509,745
Pet Coke Burned	(+)	969,093
Oil Burned	(+)	370,973
Gas Burned	(+)	30,643
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	54,027
Fuel (assigned cost during Forced Outage)	(+)	465,198
Fuel (substitute cost for Forced Outage)	(-)	387,920
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	16,120
Fuel (Domtar back up / imbalance generation)	(-)	1,081
SUB-TOTAL	\$	<u>17,886,504</u>
<b>(B) Purchases</b>		
<hr/>		
Net energy cost - economy purchases	(+) \$	2,839,927
Identifiable fuel cost - other purchases	(+)	1,253,194
Identifiable fuel cost - Forced Outage purchases	(+)	148,686
Identifiable fuel cost (substitute for Forced Outage)	(-)	148,686
Less Purchases for Supplemental and Back-Up energy to Smelters)	(-)	-
Less Purchases for Domtar back up	(-)	243,849
Less Purchases Above Highest Cost Units	(-)	36,011
SUB-TOTAL	\$	<u>3,813,261</u>
<b>(C) Inter-System Sales</b>		
<hr/>		
Including Interchange-out	\$	1,221,044
<b>(D) Over or (Under) Recovery</b>		
<hr/>		
From Page 4, Line 13	\$	(115,538)
TOTAL FUEL RECOVERY (A+B-C-D) =		<u><u>\$ 20,594,259</u></u>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month = February 2012

(A) Generation (Net)	(+)	743,109,444
Purchases including interchange-in	(+)	<u>351,180,100</u>
SUB-TOTAL		<u><u>1,094,289,544</u></u>
(B) Inter-system Sales including interchange-out	(+)	209,963,100
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	653,380
Back-up and Energy Imbalance Sales Domtar	(+)	8,950,446
System Losses	(+)	<u>18,353,338</u>
SUB-TOTAL		<u><u>237,920,264</u></u>
TOTAL SALES (A-B)		<u><u>856,369,280</u></u>

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

Expense Month = February 2012

1.	Last FAC Rate Billed		0.002147
2.	kWh Billed at Above Rate		<u>856,369,280</u>
3.	FAC Revenue/(Refund)*	(Line 1 x Line 2)	<u>\$ 1,838,625</u>
4.	kWh Used to Determine Last FAC Rate		930,110,760
5.	Non-Jurisdictional kWh (Included in Line 4)		<u>0</u>
6.	Kentucky Jurisdictional kWh	(Line 4 - Line 5)	<u>930,110,760</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		0.002101
8.	Recoverable FAC Revenue/(Refund)	(Line 7 x Line 6)	<u>\$ 1,954,163</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ (115,538)</u>
10.	Total Sales "Sm" (From Page 3 of 4)		<u>856,369,280</u>
11.	Kentucky Jurisdictional Sales		<u>856,369,280</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>\$ (115,538)</u>

To Page 2, Line D

Note 1: The Changes reflected on Line 7 consists of the combined adjustments as follows:

January 2012 (Appendix A)	\$ (42,988.15)	
January 2012 (Appendix B)	0	
Total Prior Period Adjustments	(=) \$ (42,988.15)	
Line 4 (kWh used to determine last FAC rate)	(+) <u>930,110,760</u>	kWh
Prior period adjustment	(=) <u>(0.000046)</u>	
Line 1 (Last FAC rate billed)	(+) <u>0.002147</u>	
Line 7 (Revised FAC rate)	(=) <u><u>\$ 0.002101</u></u>	

\*FAC Revenue/(Refund) on Line 3 reflects actual amount charged or credit due

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL COST SCHEDULE**  
**3/19/2012**

Expense Month = January 2012

	Revised	Original	Difference
(A) <u>Company Generation - Note 1</u>			
Coal Burned	(+) \$ 18,693,925	(+) \$ 18,693,925	\$ -
Pet Coke Burned	(+) 494,518	(+) 494,518	-
Oil Burned	(+) 291,925	(+) 291,925	-
Gas Burned	(+) 35,639	(+) 35,639	-
Propane Burned	(+) -	(+) -	-
MISO Make Whole Payments	(-) 59,801	(-) 59,801	-
Fuel (assigned cost during Forced Outage)	(+) 161,034	(+) 161,034	-
Fuel (substitute cost for Forced Outage)	(-) 44,504	(-) 44,504	-
Fuel (Supplemental and Back-Up energy to Smelters)	(-) 24,860	(-) 24,352	508
Fuel (Domtar back up / imbalance generation)	(-) 1,968	(-) 1,927	41
SUB-TOTAL	\$ 19,545,908	\$ 19,546,457	\$ (549)
(B) <u>Purchases</u>			
Net energy cost - economy purchases	(+) \$ 3,682,529	(+) \$ 3,682,529	\$ -
Identifiable fuel cost - other purchases	(+) 326,058	(+) 326,058	-
Identifiable fuel cost - Forced Outage purchases	(+) 194,352	(+) 194,352	-
Identifiable fuel cost (substitute for Forced Outage)	(-) 194,352	(-) 194,352	-
Less Purchases for Supplemental and Back-Up energy to Smelters)	(-) -	(-) -	-
Less Purchases for Domtar back up	(-) 29,380	(-) 29,380	-
Less Purchases Above Highest Cost Units	(-) 579	(-) 579	-
SUB-TOTAL	\$ 3,978,628	\$ 3,978,628	\$ -
(C) <u>Inter-System Sales</u>			
Including Interchange-out	\$ 2,075,963	\$ 2,033,524	\$ 42,439
(D) <u>Over or (Under) Recovery</u>			
From Page 4, Line 13	\$ 25,533	\$ 25,533	\$ -
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>	<b>\$ 21,423,040</b>	<b>\$ 21,466,028</b>	<b>\$ (42,988)</b>

Note 1: Energy Control in January had a problem in calculating the Interchange In and Out and presented Accounting with a negative interchange which resulted in negative line losses. Energy Control was unsuccessful in resolving the problem prior to the filing deadline for the January 2012 FAC. A decision was made to show Interchange In and Out as zero which resulted in line losses of 1,842,271kWh. Energy Control discovered they had a formula error and their recalculation of Interchange In and Out was net to Big Rivers of 17,281,000kWh which made the line losses for January 19,123,271kWh. This is being tried up in our February 2012 FAC filing and detailed in Appendix A and B for the changes. As a result of the corrected line losses, this affected the system average which resulted in changes to lines on the Fuel Cost Schedule as reflected above.

**BIG RIVERS ELECTRIC CORPORATION**  
**SALES SCHEDULE (kWh)**  
**3/19/2012**

Expense Month = January 2012

	Revised	Original	Difference
(A) Generation (Net) - Note 1	(+) 846,843,900	846,843,900	0
Purchases including interchange-in	(+) 355,415,200	338,134,200	17,281,000
SUB-TOTAL	<u>1,202,259,100</u>	<u>1,184,978,100</u>	<u>17,281,000</u>
(B) Inter-system Sales including interchange-out	(+) 250,786,600	250,786,600	0
Supplemental Sales to Smelters	(+) 125,000	125,000	0
Backup Sales to Smelters	(+) 929,379	929,379	0
Back-up and Energy Imbalance Sales Domtar	(+) 1,184,090	1,184,090	0
System Losses	(+) 19,123,271	1,842,271	17,281,000
SUB-TOTAL	<u>272,148,340</u>	<u>254,867,340</u>	<u>17,281,000</u>
TOTAL SALES (A-B)	<u>930,110,760</u>	<u>930,110,760</u>	<u>-</u>

Note 1: Energy Control in January had a problem in calculating the Interchange In and Out and presented Accounting with a negative interchange which resulted in negative line losses. Energy Control was unsuccessful in resolving the problem prior to the filing deadline for the January 2012 FAC. A decision was made to show Interchange In and Out as zero which resulted in line losses of 1,842,271kWh. Energy Control discovered they had a formula error and their recalculation of Interchange In and Out was net to Big Rivers of 17,281,000kWh which made the line losses for January 19,123,271kWh. This is being trued up in our February 2012 FAC filing and detailed in Appendix A and B for the changes.



**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month = March 2012

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$20,815,790}{871,854,578 \text{ kWh}} = (+) \$ 0.023875 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.002943 / kWh

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

Effective Date for Billing: May 1, 2012

Submitted by



Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month = March 2012

<b>(A) Company Generation</b>		
Coal Burned	(+) \$	16,645,617
Pet Coke Burned	(+)	1,781,440
Oil Burned	(+)	473,041
Gas Burned	(+)	83,511
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	29,431
Fuel (assigned cost during Forced Outage)	(+)	517,441
Fuel (substitute cost for Forced Outage)	(-)	23,072
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	75,952
Fuel (Domtar back up / imbalance generation)	(-)	83,181
SUB-TOTAL	\$	19,289,414
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	2,024,648
Identifiable fuel cost - other purchases	(+)	3,100,734
Identifiable fuel cost - Forced Outage purchases	(+)	1,061,165
Identifiable fuel cost (substitute for Forced Outage)	(-)	1,061,165
Less Purchases for Supplemental and Back-Up energy to Smelters)	(-)	-
Less Purchases for Domtar back up	(-)	950,931
Less Purchases Above Highest Cost Units	(-)	438,475
SUB-TOTAL	\$	3,735,976
<b>(C) Inter-System Sales</b>		
Including Interchange-out	\$	2,161,348
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13	\$	48,252
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>	<b>\$</b>	<b>20,815,790</b>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month = March 2012

(A) Generation (Net)	(+)	765,515,100
Purchases including interchange-in	(+)	365,635,800
SUB-TOTAL		<u>1,131,150,900</u>
(B) Inter-system Sales including interchange-out	(+)	202,081,400
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	2,989,870
Back-up and Energy Imbalance Sales Domtar	(+)	36,007,190
System Losses	(+)	18,217,862
SUB-TOTAL		<u>259,296,322</u>
TOTAL SALES (A-B)		<u>871,854,578</u>

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

Expense Month = March 2012

1.	Last FAC Rate Billed	0.003116
2.	kWh Billed at Above Rate	<u>871,854,578</u>
3.	FAC Revenue/(Refund)* (Line 1 x Line 2)	<u>\$ 2,716,699</u>
4.	kWh Used to Determine Last FAC Rate	856,369,280
5.	Non-Jurisdictional kWh (Included in Line 4)	<u>0</u>
6.	Kentucky Jurisdictional kWh (Line 4 - Line 5)	<u>856,369,280</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)	<u>0</u>
8.	Recoverable FAC Revenue/(Refund) (Line 1 x Line 6)	<u>\$ 2,668,447</u>
9.	Over or (Under) Recovery (Line 3 - Line 8)	<u>\$ 48,252</u>
10.	Total Sales "Sm" (From Page 3 of 4)	<u>871,854,578</u>
11.	Kentucky Jurisdictional Sales	<u>871,854,578</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>\$ 48,252</u>
		To Page 2, Line D

\*FAC Revenue/(Refund) on Line 3 reflects actual amount charged or credit due



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

May 21, 2012

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

RECEIVED

MAY 22 2012

PUBLIC SERVICE  
COMMISSION

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on April 2012 kWh and cost data, to be applied to invoices for May 2012 service that will be billed early June 2012.

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

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

Ralph A. Ashworth  
Director Finance

Enclosure

- c: Mr. Mark A. Hite, CPA, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Sandy Novick, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

RECEIVED  
MAY 23 2012  
FINANCIAL ANA

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month = April 2012

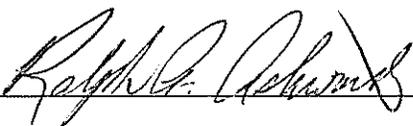
$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$20,331,612}{838,142,312 \text{ kWh}} = (+) \$ 0.024258 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.003326 / kWh

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

Effective Date for Billing: June 1, 2012

Submitted by 

Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month = April 2012

<b>(A) Company Generation</b>		
Coal Burned	(+) \$	14,707,941
Pet Coke Burned	(+)	2,558,475
Oil Burned	(+)	382,356
Gas Burned	(+)	(4,613)
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	435
Fuel (assigned cost during Forced Outage)	(+)	984,197
Fuel (substitute cost for Forced Outage)	(-)	653,014
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	69,243
Fuel (Domtar back up / imbalance generation)	(-)	7,616
SUB-TOTAL	\$	<u>17,898,048</u>
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	3,850,927
Identifiable fuel cost - other purchases	(+)	1,432,859
Identifiable fuel cost - Forced Outage purchases	(+)	520,671
Identifiable fuel cost (substitute for Forced Outage)	(-)	520,671
Less Purchases for Supplemental and Back-Up energy to Smelters)	(-)	-
Less Purchases for Domtar back up	(-)	949,308
Less Purchases Above Highest Cost Units	(-)	135,037
SUB-TOTAL	\$	<u>4,199,441</u>
<b>(C) Inter-System Sales</b>		
Including Interchange-out	\$	1,865,092
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13	\$	(99,215)
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>	<b>\$</b>	<b><u><u>20,331,612</u></u></b>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month = April 2012

(A) Generation (Net)	(+)	732,044,367
Purchases including interchange-in	(+)	330,962,900
SUB-TOTAL		<u>1,063,007,267</u>

(B) Inter-system Sales including interchange-out	(+)	163,586,366
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	2,788,348
Back-up and Energy Imbalance Sales Domtar	(+)	36,961,579
System Losses	(+)	21,528,662
SUB-TOTAL		<u>224,864,955</u>

TOTAL SALES (A-B)		<u>838,142,312</u>
-------------------	--	--------------------

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

Expense Month = April 2012

1.	Last FAC Rate Billed	0.002943
2.	kWh Billed at Above Rate	<u>838,142,312</u>
3.	FAC Revenue/(Refund)* (Line 1 x Line 2)	<u>\$ 2,466,653</u>
4.	kWh Used to Determine Last FAC Rate	871,854,578
5.	Non-Jurisdictional kWh (Included in Line 4)	<u>0</u>
6.	Kentucky Jurisdictional kWh (Line 4 - Line 5)	<u>871,854,578</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)	<u>0</u>
8.	Recoverable FAC Revenue/(Refund) (Line 1 x Line 6)	<u>\$ 2,565,868</u>
9.	Over or (Under) Recovery (Line 3 - Line 8)	<u>\$ (99,215)</u>
10.	Total Sales "Sm" (From Page 3 of 4)	<u>838,142,312</u>
11.	Kentucky Jurisdictional Sales	<u>838,142,312</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>\$ (99,215)</u>

To Page 2, Line D



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

June 20, 2012

RECEIVED

JUN 21 2012

PUBLIC SERVICE  
COMMISSION

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

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on May 2012 kWh and cost data, to be applied to invoices for June 2012 service that will be billed early July 2012.

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

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

Ralph A. Ashworth  
Director Finance

Enclosure

- c: Mr. Mark A. Hite, CPA, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Sandy Novick, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

RECEIVED  
JUN 22 2012  
PUBLIC SERVICE COMMISSION

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: May 2012

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$21,158,324}{897,592,232 \text{ kWh}} = (+) \$ 0.023572 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.002640 / kWh

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

Effective Date for Billing: July 1, 2012

Submitted by Ralph A. Gishewitz

Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month: May 2012

<b>(A) Company Generation</b>		
Coal Burned	(+)	18,924,383
Pet Coke Burned	(+)	3,144,702
Oil Burned	(+)	242,455
Gas Burned	(+)	46,724
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	2,132
Fuel (assigned cost during Forced Outage)	(+)	270,733
Fuel (substitute cost for Forced Outage)	(-)	235,892
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	88,560
Fuel (Domtar back up / imbalance generation)	(-)	9,792
SUB-TOTAL		<u>\$ 22,292,621</u>
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	2,658,070
Identifiable fuel cost - other purchases	(+)	634,943
Identifiable fuel cost - Forced Outage purchases	(+)	52,872
Identifiable fuel cost (substitute for Forced Outage)	(-)	52,872
Less Purchases for Supplemental and Back-Up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	356,190
Less Purchases Above Highest Cost Units	(-)	125,835
SUB-TOTAL		<u>\$ 2,810,988</u>
<b>(C) Inter-System Sales</b>		
Including Interchange-out		\$ 3,486,892
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13		\$ 458,393
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>		<u><u>\$ 21,158,324</u></u>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month: May 2012

(A) Generation (Net)	(+)	935,330,206
Purchases including interchange-in	(+)	357,431,100
SUB-TOTAL		<u>1,292,761,306</u>
(B) Inter-system Sales including interchange-out	(+)	366,927,800
Supplemental Sales to Smelters	(+)	185,000
Backup Sales to Smelters	(+)	3,470,578
Back-up and Energy Imbalance Sales Domtar	(+)	12,150,417
System Losses	(+)	12,435,279
SUB-TOTAL		<u>395,169,074</u>
TOTAL SALES (A-B)		<u>897,592,232</u>

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

Expense Month: May 2012

1.	Last FAC Rate Billed		\$	0 003326
2.	kWh Billed at Above Rate			<u>897,592,232</u>
3.	FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>2,985,392</u>
4.	kWh Used to Determine Last FAC Rate			838,142,312
5.	Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6.	Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>838,142,312</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		\$	<u>0.003015</u>
8.	Recoverable FAC Revenue/(Refund)	(Line 7 x Line 6)	\$	<u>2,526,999</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>458,393</u>
10.	Total Sales "Sm" (From Page 3 of 4)			<u>897,592,232</u>
11.	Kentucky Jurisdictional Sales			<u>897,592,232</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>458,393</u>
				To Page 2, Line D

Note 1: The Revised FAC Factor included on Line was calculated as follows (see Appendix A for additional detail):

Adjustment to April 2012 Purchased Power	\$	(260.937 00)	(see Appendix A)
Line 4 (kWh used to determine last FAC rate)	(+)	<u>838,142,312</u>	kWh
Prior period adjustment	(=)	<u>(0 000311)</u>	
Line 1 (Last FAC rate billed)	(+)	<u>0.003326</u>	
Line 7 (Revised FAC rate)	(=)	<u>\$ 0.003015</u>	

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month = April 2012

	Revised	Original	Difference		
<b>(A) Company Generation - Note 1</b>					
Coal Burned	(+)	\$ 14,707,941	(+)	\$ 14,707,941	\$ -
Pet Coke Burned	(+)	2,558,475	(+)	2,558,475	-
Oil Burned	(+)	382,356	(+)	382,356	-
Gas Burned	(+)	(4,613)	(+)	(4,613)	-
Propane Burned	(+)	-	(+)	-	-
MISO Make Whole Payments	(-)	435	(-)	435	-
Fuel (assigned cost during Forced Outage)	(+)	984,197	(+)	984,197	-
Fuel (substitute cost for Forced Outage)	(-)	653,014	(-)	653,014	-
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	69,243	(-)	69,243	-
Fuel (Domtar back up / imbalance generation)	(-)	7,616	(-)	7,616	-
SUB-TOTAL		\$ 17,898,048		\$ 17,898,048	\$ -
<b>(B) Purchases</b>					
Net energy cost - economy purchases	(+)	\$ 3,589,990	(+)	\$ 3,850,927	\$ (260,937)
Identifiable fuel cost - other purchases	(+)	1,432,859	(+)	1,432,859	-
Identifiable fuel cost - Forced Outage purchases	(+)	520,671	(+)	520,671	-
Identifiable fuel cost (substitute for Forced Outage)	(-)	520,671	(-)	520,671	-
Less Purchases for Supplemental and Back-Up energy to Smelters)	(-)	-	(-)	-	-
Less Purchases for Domtar back up	(-)	949,308	(-)	949,308	-
Less Purchases Above Highest Cost Units	(-)	135,037	(-)	135,037	-
SUB-TOTAL		\$ 3,938,504		\$ 4,199,441	\$ (260,937)
<b>(C) Inter-System Sales</b>					
Including Interchange-out		\$ 1,865,092		\$ 1,865,092	\$ -
<b>(D) Over or (Under) Recovery</b>					
From Page 4, Line 13		\$ (99,215)		\$ (99,215)	\$ -
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>		<u>\$ 20,070,675</u>		<u>\$ 20,331,612</u>	<u>\$ (260,937)</u>
<hr/>					
Fuel "Fm" (Fuel Cost Schedule)		\$ 20,070,675		\$ 20,331,612	
Sales "Sm" (Sales Schedule)		838,142,312		838,142,312	
Total Fuel Cost per kWh (A)		\$ 0.023947		\$ 0.024258	
Base Fuel Component (B)		\$ 0.020932		\$ 0.020932	
FAC Factor (A) - (B)		Revised \$ 0.003015		Original \$ 0.003326	

Note 1: Big Rivers inadvertently included the SEPA Demand portion of the invoice for purchased power for April 2012. This amount was \$260,937.07 and should not have been shown under other energy. Therefore, this overstated the net energy cost for economic purchases. This is being corrected in May 2012 as a prior period adjustment on FAC - Page 4.



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

July 19, 2012

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

RECEIVED  
JUL 24 2012  
FINANCIAL ANA  
RECEIVED

JUL 20 2012

PUBLIC SERVICE  
COMMISSION

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on June 2012 kWh and cost data, to be applied to invoices for July 2012 service that will be billed early August 2012.

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

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

Ralph A. Ashworth  
Director Finance

Enclosure

- c: Mr. Mark A. Hite, CPA, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Nicholas Castlen, CPA, Debt & Regulatory Accounting
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Gregory Starheim, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: June 2012

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$21,351,229}{893,259,338 \text{ kWh}} = (+) \$ 0.023903 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.002971 / kWh

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

Effective Date for Billing: August 1, 2012

Submitted by   
Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month: June 2012

<b>(A) Company Generation</b>		
Coal Burned	(+)	18,641,664
Pet Coke Burned	(+)	2,976,234
Oil Burned	(+)	173,913
Gas Burned	(+)	59,291
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	2,124
Fuel (assigned cost during Forced Outage)	(+)	97,015
Fuel (substitute cost for Forced Outage)	(-)	96,768
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	78,087
Fuel (Domtar back up / imbalance generation)	(-)	9,945
SUB-TOTAL		\$ 21,761,193
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	1,836,000
Identifiable fuel cost - other purchases	(+)	389,309
Identifiable fuel cost - Forced Outage purchases	(+)	22,759
Identifiable fuel cost (substitute for Forced Outage)	(-)	22,759
Less Purchases for Supplemental and Back-Up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	225,635
Less Purchases Above Highest Cost Units	(-)	68,070
SUB-TOTAL		\$ 1,931,604
<b>(C) Inter-System Sales</b>		
Including Interchange-out		\$ 2,353,006
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13		\$ (11,438)
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>		<b>\$ 21,351,229</b>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month: June 2012

(A) Generation (Net)	(+)	906,843,047	
Purchases including interchange-in	(+)	337,707,900	
SUB-TOTAL		<u>1,244,550,947</u>	
(B) Inter-system Sales including interchange-out	(+)	320,034,500	
Supplemental Sales to Smelters	(+)	32,000	
Backup Sales to Smelters	(+)	3,135,974	
Back-up and Energy Imbalance Sales Domtar	(+)	7,749,500	
System Losses	(+)	20,339,635	
SUB-TOTAL		<u>351,291,609</u>	
TOTAL SALES (A-B)		<u>893,259,338</u>	

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

Expense Month: June 2012

1	Last FAC Rate Billed		\$	0.002640
2	kWh Billed at Above Rate			<u>893,259,338</u>
3	FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>2,358,205</u>
4	kWh Used to Determine Last FAC Rate			897,592,232
5	Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6	Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>897,592,232</u>
7	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		\$	<u>-</u>
8	Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$	<u>2,369,643</u>
9	Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>(11,438)</u>
10	Total Sales "Sm" (From Page 3 of 4)			<u>893,259,338</u>
11	Kentucky Jurisdictional Sales			<u>893,259,338</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>(11,438)</u>

To Page 2, Line D



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

August 21, 2012

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

RECEIVED

AUG 23 2012

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

PUBLIC SERVICE  
COMMISSION

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on July 2012 kWh and cost data, to be applied to invoices for August 2012 service that will be billed early September 2012.

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

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

Ralph A. Ashworth  
Director Finance

Enclosure

- c: Ms. Billie J. Richert, CPA, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Nicholas R. Castlen, CPA, Debt & Regulatory Accounting
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Gregory Starheim, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: July 2012

Fuel "Fm" (Fuel Cost Schedule)	\$23,888,290	= (+) \$	0.024522 / kWh
----- Sales "Sm" (Sales Schedule)	974,156,163 kWh		
Base Fuel Component		= (-)	0.020932 / kWh
	FAC Factor (1)	=	<u>\$ 0.003590 / kWh</u>

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

Effective Date for Billing: September 1, 2012

Submitted by   
Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month: July 2012

<b>(A) Company Generation</b>		
Coal Burned	(+)	20,625,896
Pet Coke Burned	(+)	3,051,448
Oil Burned	(+)	373,034
Gas Burned	(+)	218,664
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	10,573
Fuel (assigned cost during Forced Outage)	(+)	1,041,101
Fuel (substitute cost for Forced Outage)	(-)	976,293
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	68,863
Fuel (Domtar back up / imbalance generation)	(-)	15,084
SUB-TOTAL		<u>\$ 24,239,330</u>
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	2,330,426
Identifiable fuel cost - other purchases	(+)	514,187
Identifiable fuel cost - Forced Outage purchases	(+)	180,161
Identifiable fuel cost (substitute for Forced Outage)	(-)	180,161
Less Purchases for Supplemental and Back-Up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	237,825
Less Purchases Above Highest Cost Units	(-)	170,734
SUB-TOTAL		<u>\$ 2,436,054</u>
<b>(C) Inter-System Sales</b>		
Including Interchange-out		\$ 2,546,749
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13		\$ 240,345.00
TOTAL FUEL RECOVERY (A+B-C-D) =		<u><u>\$ 23,888,290</u></u>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month: July 2012

(A) Generation (Net)	(+)	990,683,204
Purchases including interchange-in	(+)	339,432,700
SUB-TOTAL		<u>1,330,115,904</u>
(B) Inter-system Sales including interchange-out	(+)	326,743,400
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	2,752,113
Back-up and Energy Imbalance Sales Domtar	(+)	5,676,311
System Losses	(+)	20,787,917
SUB-TOTAL		<u>355,959,741</u>
TOTAL SALES (A-B)		<u>974,156,163</u>

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

Expense Month: July 2012

1.	Last FAC Rate Billed		\$	0.002971
2.	kWh Billed at Above Rate			<u>974,156,163</u>
3.	FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>2,894,218</u>
4.	kWh Used to Determine Last FAC Rate			893,259,338
5.	Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6.	Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>893,259,338</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		\$	<u>-</u>
8.	Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$	<u>2,653,873</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>240,345</u>
10.	Total Sales "Sm" (From Page 3 of 4)			<u>974,156,163</u>
11.	Kentucky Jurisdictional Sales			<u>974,156,163</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>240,345</u>

To Page 2, Line D



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

September 20, 2012

RECEIVED

SEP 21 2012

PUBLIC SERVICE  
COMMISSION

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

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on August 2012 kWh and cost data, to be applied to invoices for September 2012 service that will be billed early October 2012.

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

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

Ralph A. Ashworth  
Director Finance

Enclosure

- c: Ms. Billie J. Richert, CPA, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Nicholas R. Castlen, CPA, Debt & Regulatory Accounting
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Gregory Starheim, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

RECEIVED  
SEP 21 2012  
FINANCIAL AND

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: August 2012

Fuel "Fm" (Fuel Cost Schedule)	\$22,457,640	= (+) \$	0.024250 / kWh
-----	-----		
Sales "Sm" (Sales Schedule)	926,097,349 kWh		
Base Fuel Component		= (-)	0.020932 / kWh
	FAC Factor (1)	=	<u>\$ 0.003318 / kWh</u>

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

Effective Date for Billing: October 1, 2012

Submitted by 

Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month: August 2012

<b>(A) Company Generation</b>		
Coal Burned	(+) \$	18,337,334
Pet Coke Burned	(+)	2,840,037
Oil Burned	(+)	232,897
Gas Burned	(+)	19,907
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	4,290
Fuel (assigned cost during Forced Outage)	(+)	1,697,442
Fuel (substitute cost for Forced Outage)	(-)	1,560,516
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	38,033
Fuel (Domtar back up / imbalance generation)	(-)	25,572
SUB-TOTAL	\$	21,499,206
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	2,562,379
Identifiable fuel cost - other purchases	(+)	604,456
Identifiable fuel cost - Forced Outage purchases	(+)	14,440
Identifiable fuel cost (substitute for Forced Outage)	(-)	136,926
Less Purchases for Supplemental and Back-Up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	555,942
Less Purchases Above Highest Cost Units	(-)	21,286
SUB-TOTAL	\$	2,467,121
<b>(C) Inter-System Sales</b>		
Including Interchange-out	\$	1,636,407
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13	\$	(127,720.00)
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>		<u><u>\$ 22,457,640.00</u></u>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month: August 2012

(A) Generation (Net)	(+)	895,563,290
Purchases including interchange-in	(+)	321,175,500
SUB-TOTAL		<u>1,216,738,790</u>
(B) Inter-system Sales including interchange-out	(+)	250,342,024
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	1,555,229
Back-up and Energy Imbalance Sales Domtar	(+)	19,505,765
System Losses	(+)	19,238,423
SUB-TOTAL		<u>290,641,441</u>
TOTAL SALES (A-B)		<u>926,097,349</u>

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

Expense Month: August 2012

1.	Last FAC Rate Billed		\$	0.003590
2.	kWh Billed at Above Rate			<u>926,097,349</u>
3.	FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>3,324,689</u>
4.	kWh Used to Determine Last FAC Rate			974,156.163
5.	Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6.	Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>974,156,163</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		\$	<u>0.003544</u>
8.	Recoverable FAC Revenue/(Refund)	(Line 7 x Line 6)	\$	<u>3,452,409</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>(127,720)</u>
10.	Total Sales "Sm" (From Page 3 of 4)			<u>926,097,349</u>
11.	Kentucky Jurisdictional Sales			<u>926,097,349</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>(127,720)</u>

To Page 2, Line D

Note 1: Refer to Appendix A for detail of prior period adjustment.

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL COST SCHEDULE**  
*Revised 9/19/2012*  
Expense Month = July 2012

	Revised	Original	Difference																																
<b>(A) Company Generation</b>																																			
Coal Burned	(+)	\$ 20,625,896	(+)	\$ 20,625,896	\$ -																														
Pet. Coke Burned	(+)	3,051,448	(+)	3,051,448	-																														
Oil Burned	(+)	373,034	(+)	373,034	-																														
Gas Burned (Note 1)	(+)	173,929	(+)	218,664	(44,735)																														
Propane Burned	(+)	-	(+)	-	-																														
MISO Make Whole Payments	(-)	10,573	(-)	10,573	-																														
Fuel (assigned cost during Forced Outage)	(+)	1,041,101	(+)	1,041,101	-																														
Fuel (substitute cost for Forced Outage)	(-)	976,293	(-)	976,293	-																														
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	68,863	(-)	68,863	-																														
Fuel (Domtar back up / Imbalance generation)	(-)	15,084	(-)	15,084	-																														
<b>SUB-TOTAL</b>		<b>\$ 24,194,595</b>		<b>\$ 24,239,330</b>	<b>\$ (44,735)</b>																														
<b>(B) Purchases</b>																																			
Net energy cost - economy purchases	(+)	\$ 2,330,426	(+)	\$ 2,330,426	\$ -																														
Identifiable fuel cost - other purchases	(+)	514,187	(+)	514,187	-																														
Identifiable fuel cost - Forced Outage purchases	(+)	180,161	(+)	180,161	-																														
Identifiable fuel cost (substitute for Forced Outage)	(-)	180,161	(-)	180,161	-																														
Less Purchases for Supplemental and Back-Up energy to Smelters)	(-)	-	(-)	-	-																														
Less Purchases for Domtar back up	(-)	237,825	(-)	237,825	-																														
Less Purchases Above Highest Cost Units	(-)	170,734	(-)	170,734	-																														
<b>SUB-TOTAL</b>		<b>\$ 2,436,054</b>		<b>\$ 2,436,054</b>	<b>\$ -</b>																														
<b>(C) Inter-System Sales</b>																																			
Including Interchange-out		\$ 2,546,749		\$ 2,546,749	\$ -																														
<b>(D) Over or (Under) Recovery</b>																																			
From Page 4, Line 13		\$ 240,345		\$ 240,345	\$ -																														
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>		<b>\$ 23,843,555</b>		<b>\$ 23,888,290</b>	<b>\$ (44,735)</b>																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;"><b>Fuel "Fm" (Fuel Cost Schedule)</b></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">\$ 23,843,555</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">\$ 23,888,290</td> <td style="width: 10%;"></td> </tr> <tr> <td><b>Sales "Sm" (Sales Schedule)</b></td> <td></td> <td style="text-align: right;">974,156,163</td> <td></td> <td style="text-align: right;">974,156,163</td> <td></td> </tr> <tr> <td><b>Total Fuel Cost per kWh (A)</b></td> <td></td> <td style="text-align: right;">\$ 0.024476</td> <td></td> <td style="text-align: right;">\$ 0.024522</td> <td></td> </tr> <tr> <td><b>Base Fuel Component (B)</b></td> <td></td> <td style="text-align: right;">\$ 0.020932</td> <td></td> <td style="text-align: right;">\$ 0.020932</td> <td></td> </tr> <tr> <td><b>FAC Factor (A) - (B)</b></td> <td></td> <td style="text-align: right;">\$ <u>0.003544</u></td> <td></td> <td style="text-align: right;">\$ <u>0.003590</u></td> <td></td> </tr> </table>						<b>Fuel "Fm" (Fuel Cost Schedule)</b>		\$ 23,843,555		\$ 23,888,290		<b>Sales "Sm" (Sales Schedule)</b>		974,156,163		974,156,163		<b>Total Fuel Cost per kWh (A)</b>		\$ 0.024476		\$ 0.024522		<b>Base Fuel Component (B)</b>		\$ 0.020932		\$ 0.020932		<b>FAC Factor (A) - (B)</b>		\$ <u>0.003544</u>		\$ <u>0.003590</u>	
<b>Fuel "Fm" (Fuel Cost Schedule)</b>		\$ 23,843,555		\$ 23,888,290																															
<b>Sales "Sm" (Sales Schedule)</b>		974,156,163		974,156,163																															
<b>Total Fuel Cost per kWh (A)</b>		\$ 0.024476		\$ 0.024522																															
<b>Base Fuel Component (B)</b>		\$ 0.020932		\$ 0.020932																															
<b>FAC Factor (A) - (B)</b>		\$ <u>0.003544</u>		\$ <u>0.003590</u>																															

Note 1: In July 2012 a correcting entry was made for financial accounting purposes to correct the sales tax charged to Coleman Station's Natural Gas Expense Account. This adjustment was erroneously excluded from the July 2012 Form A Filing and is being included in the August 2012 Form A filing as a prior period adjustment.



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

October 19, 2012



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

RECEIVED

OCT 22 2012

PUBLIC SERVICE  
COMMISSION

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on September 2012 kWh and cost data, to be applied to invoices for October 2012 service that will be billed early November 2012.

807 KAR 5:056 requires the amount of the monthly FAC 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,

Ralph A. Ashworth  
Director Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Billie J. Richert, CPA, CITP, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Nicholas R. Castlen, CPA, Debt & Regulatory Accounting
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Gregory Starheim, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: September 2012

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$20,647,581}{851,612,797 \text{ kWh}} = (+) \$ 0.024245 / \text{kWh}$$

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

$$\text{FAC Factor (1)} = \underline{\underline{\$ 0.003313 / \text{kWh}}}$$

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

Effective Date for Billing: November 1, 2012

Submitted by 

Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month: September 2012

<b>(A) Company Generation</b>		
<hr/>		
Coal Burned	(+) \$	18,382,486
Pet Coke Burned	(+)	2,320,202
Oil Burned	(+)	207,334
Gas Burned	(+)	63,411
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	2,141
Fuel (assigned cost during Forced Outage)	(+)	642,090
Fuel (substitute cost for Forced Outage)	(-)	550,400
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	21,803
Fuel (Domtar back up / imbalance generation)	(-)	39,175
SUB-TOTAL	\$	<u>21,002,004</u>
<b>(B) Purchases</b>		
<hr/>		
Net energy cost - economy purchases	(+) \$	2,052,045
Identifiable fuel cost - other purchases	(+)	828,317
Identifiable fuel cost - Forced Outage purchases	(+)	173,553
Identifiable fuel cost (substitute for Forced Outage)	(-)	173,553
Less Purchases for Supplemental and Back-Up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	769,765
Less Purchases Above Highest Cost Units	(-)	86,790
SUB-TOTAL	\$	<u>2,023,807</u>
<b>(C) Inter-System Sales</b>		
<hr/>		
Including Interchange-out	\$	2,625,370
<b>(D) Over or (Under) Recovery</b>		
<hr/>		
From Page 4, Line 13	\$	(247,140)
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>	<u>\$</u>	<u><u>20,647,581</u></u>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month: September 2012

(A) Generation (Net)	(+)	873,575,430
Purchases including interchange-in	(+)	314,196,400
SUB-TOTAL		<u>1,187,771,830</u>
(B) Inter-system Sales including interchange-out	(+)	294,140,602
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	891,420
Back-up and Energy Imbalance Sales Domtar	(+)	25,055,579
System Losses	(+)	16,071,432
SUB-TOTAL		<u>336,159,033</u>
TOTAL SALES (A-B)		<u>851,612,797</u>

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

Expense Month: September 2012

1.	Last FAC Rate Billed		\$	0.003318
2.	kWh Billed at Above Rate			<u>851,612,797</u>
3.	FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>2,825,651</u>
4.	kWh Used to Determine Last FAC Rate			926,097,349
5.	Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6.	Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>926,097,349</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		\$	<u>-</u>
8.	Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$	<u>3,072,791</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>(247,140)</u>
10.	Total Sales "Sm" (From Page 3 of 4)			<u>851,612,797</u>
11.	Kentucky Jurisdictional Sales			<u>851,612,797</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>(247,140)</u>
				To Page 2, Line D

Note 1: Refer to Appendix A for detail of prior period adjustment.



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

November 19, 2012

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

RECEIVED

NOV 20 2012

PUBLIC SERVICE  
COMMISSION

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on October 2012 kWh and cost data, to be applied to invoices for November 2012 service that will be billed early December 2012.

807 KAR 5:056 requires the amount of the monthly FAC 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,

Ralph A. Ashworth  
Director Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Billie J. Richert, CPA, CITP, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Nicholas R. Castlen, CPA, Debt & Regulatory Accounting
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Gregory Starheim, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

RECEIVED  
NOV 21 2012  
FINANCIAL ANA

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: October 2012

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$21,152,351}{862,784,127 \text{ kWh}} = (+) \$ 0.024516 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.003584 / kWh

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

Effective Date for Billing: December 1, 2012

Submitted by 

Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month: October 2012

<b>(A) Company Generation</b>		
Coal Burned	(+) \$	18,551,642
Pet Coke Burned	(+)	1,529,846
Oil Burned	(+)	446,729
Gas Burned	(+)	79,761
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	2,164
Fuel (assigned cost during Forced Outage)	(+)	2,190,437
Fuel (substitute cost for Forced Outage)	(-)	2,112,879
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	19,181
Fuel (Domtar back up / imbalance generation)	(-)	21,401
SUB-TOTAL	\$	20,642,790
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	3,151,785
Identifiable fuel cost - other purchases	(+)	856,251
Identifiable fuel cost - Forced Outage purchases	(+)	855,721
Identifiable fuel cost (substitute for Forced Outage)	(-)	855,721
Less Purchases for Supplemental and Back-Up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	593,823
Less Purchases Above Highest Cost Units	(-)	192,044
SUB-TOTAL	\$	3,222,169
<b>(C) Inter-System Sales</b>		
Including Interchange-out	\$	2,675,597
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13	\$	37,011
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>	<b>\$</b>	<b>21,152,351</b>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month: October 2012

(A) Generation (Net)	(+)	841,064,387
Purchases including interchange-in	(+)	380,607,900
SUB-TOTAL		<u>1,221,672,287</u>
(B) Inter-system Sales including interchange-out	(+)	325,127,400
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	768,463
Back-up and Energy Imbalance Sales Domtar	(+)	17,557,859
System Losses	(+)	15,434,438
SUB-TOTAL		<u>358,888,160</u>
TOTAL SALES (A-B)		<u>862,784,127</u>

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

Expense Month: October 2012

1.	Last FAC Rate Billed		\$	0 003313
2.	kWh Billed at Above Rate			<u>862,784,127</u>
3.	FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>2,858,404</u>
4.	kWh Used to Determine Last FAC Rate			851,612.797
5.	Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6.	Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>851,612,797</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		\$	<u>-</u>
8.	Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$	<u>2,821,393</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>37,011</u>
10.	Total Sales "Sm" (From Page 3 of 4)			<u>862,784,127</u>
11.	Kentucky Jurisdictional Sales			<u>862,784,127</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>37,011</u>
				To Page 2, Line D

Note 1: Refer to Appendix A for detail of prior period adjustment



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

December 20, 2012

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

RECEIVED

DEC 21 2012

PUBLIC SERVICE  
COMMISSION

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on November 2012 kWh and cost data, to be applied to invoices for December 2012 service that will be billed early January 2013.

807 KAR 5:056 requires the amount of the monthly FAC 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,

Ralph A. Ashworth  
Director Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Billie J. Richert, CPA, CITP, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Nicholas R. Castlen, CPA, Debt & Regulatory Accounting
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Gregory Starheim, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: November 2012

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$20,270,188}{869,182,279 \text{ kWh}} = (+) \$ 0.023321 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.002389 / kWh

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

Effective Date for Billing: January 1, 2013

Submitted by 

Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month: November 2012

<b>(A) Company Generation</b>		
Coal Burned	(+) \$	21,913,321
Pet Coke Burned	(+)	2,202,961
Oil Burned	(+)	(161,006)
Gas Burned	(+)	32,040
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	8,790
Fuel (assigned cost during Forced Outage)	(+)	76,869
Fuel (substitute cost for Forced Outage)	(-)	66,794
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	70,103
Fuel (Domtar back up / imbalance generation)	(-)	28,278
SUB-TOTAL	\$	23,890,220
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	1,451,002
Identifiable fuel cost - other purchases	(+)	584,916
Identifiable fuel cost - Forced Outage purchases	(+)	-
Identifiable fuel cost (substitute for Forced Outage)	(-)	10,075
Less Purchases for Supplemental and Back-Up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	584,916
Less Purchases Above Highest Cost Units	(-)	-
SUB-TOTAL	\$	1,440,927
<b>(C) Inter-System Sales</b>		
Including Interchange-out	\$	5,038,028
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13	\$	22,931
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>	<b>\$</b>	<b>20,270,188</b>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month: November 2012

(A) Generation (Net)	(+)	1,027,844,434
Purchases including interchange-in	(+)	368,959,100
SUB-TOTAL		<u>1,396,803,534</u>
(B) Inter-system Sales including interchange-out	(+)	490,540,700
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	2,955,692
Back-up and Energy Imbalance Sales Domtar	(+)	17,653,935
System Losses	(+)	16,470,928
SUB-TOTAL		<u>527,621,255</u>
TOTAL SALES (A-B)		<u>869,182,279</u>

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

Expense Month: November 2012

1	Last FAC Rate Billed		\$	0.003584
2	kWh Billed at Above Rate			<u>869,182,279</u>
3	FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>3,115,149</u>
4	kWh Used to Determine Last FAC Rate			862,784,127
5	Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6	Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>862,784,127</u>
7	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		\$	<u>-</u>
8	Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$	<u>3,092,218</u>
9	Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>22,931</u>
10	Total Sales "Sm" (From Page 3 of 4)			<u>869,182,279</u>
11	Kentucky Jurisdictional Sales			<u>869,182,279</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>22,931</u>
				To Page 2, Line D

Note 1: Refer to Appendix A for detail of prior period adjustment.



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

January 21, 2013

RECEIVED

JAN 22 2013

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)

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on December 2012 kWh and cost data, to be applied to invoices for January 2013 service that will be billed early February 2013.

807 KAR 5:056 requires the amount of the monthly FAC 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,

Ralph A. Ashworth  
Director Finance, Big Rivers Electric Corporation

Enclosure

- c: Ms. Billie J. Richert, CPA, CITP, Vice President Accounting and Interim CFO
- Mr. Albert Yockey, VP Governmental Relations and Enterprise Risk Management
- Mr. Nick R. Castlen, CPA, Debt & Regulatory Accounting
- Mr. Kelly Nuckols, Jackson Purchase Energy Corporation
- Mr. Gregory Starheim, Kenergy Corp.
- Mr. Burns Mercer, Meade County RECC
- James Miller, Esq., General Counsel
- Alcan Primary Products Corporation
- Century Aluminum Company

RECEIVED  
JAN 22 2013  
FINANCIAL

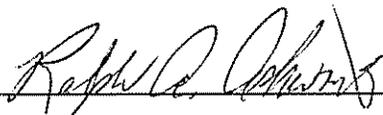
**BIG RIVERS ELECTRIC CORPORATION**  
**FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: December 2012

Fuel "Fm" (Fuel Cost Schedule)	\$21,408,349	= (+) \$	0.023419 / kWh
-----	-----		
Sales "Sm" (Sales Schedule)	914,160,556 kWh		
Base Fuel Component		= (-)	0.020932 / kWh
	FAC Factor (1)	=	<u>\$ 0.002487 / kWh</u>

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

Effective Date for Billing: February 1, 2013

Submitted by 

Title: Director Finance

**BIG RIVERS ELECTRIC CORPORATION  
FUEL COST SCHEDULE**

Expense Month: December 2012

<b>(A) Company Generation</b>		
Coal Burned	(+) \$	20,813,945
Pet Coke Burned	(+)	2,714,222
Oil Burned	(+)	432,202
Gas Burned	(+)	19,078
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	-
Fuel (assigned cost during Forced Outage)	(+)	1,002,426
Fuel (substitute cost for Forced Outage)	(-)	1,008,876
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	102,163
Fuel (Domtar back up / imbalance generation)	(-)	42,140
SUB-TOTAL	\$	<u>23,828,694</u>
<b>(B) Purchases</b>		
Net energy cost - economy purchases	(+) \$	2,326,940
Identifiable fuel cost - other purchases	(+)	592,900
Identifiable fuel cost - Forced Outage purchases	(+)	52,787
Identifiable fuel cost (substitute for Forced Outage)	(-)	52,787
Less Purchases for Supplemental and Back-Up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	516,572
Less Purchases Above Highest Cost Units	(-)	24,189
SUB-TOTAL	\$	<u>2,379,079</u>
<b>(C) Inter-System Sales</b>		
Including Interchange-out	\$	4,691,970
<b>(D) Over or (Under) Recovery</b>		
From Page 4, Line 13	\$	107,454
<b>TOTAL FUEL RECOVERY (A+B-C-D) =</b>	<b>\$</b>	<b><u><u>21,408,349</u></u></b>

**BIG RIVERS ELECTRIC CORPORATION**

**SALES SCHEDULE (kWh)**

Expense Month: December 2012

(A) Generation (Net)	(+)	1,001,899,223
Purchases including interchange-in	(+)	<u>452,689,100</u>
SUB-TOTAL		<u><u>1,454,588,323</u></u>
(B) Inter-system Sales including interchange-out	(+)	500,128,800
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	4,190,102
Back-up and Energy Imbalance Sales Domtar	(+)	17,687,761
System Losses	(+)	<u>18,421,104</u>
SUB-TOTAL		<u><u>540,427,767</u></u>
TOTAL SALES (A-B)		<u><u>914,160,556</u></u>

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

Expense Month: December 2012

1.	Last FAC Rate Billed		\$	0 002389
2.	kWh Billed at Above Rate			<u>914,160,556</u>
3.	FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>2,183,930</u>
4.	kWh Used to Determine Last FAC Rate			869,182,279
5.	Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6.	Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>869,182,279</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		\$	<u>-</u>
8.	Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$	<u>2,076,476</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>107,454</u>
10.	Total Sales "Sm" (From Page 3 of 4)			<u>914,160,556</u>
11.	Kentucky Jurisdictional Sales			<u>914,160,556</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>107,454</u>

To Page 2, Line D