



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

July 20, 2009

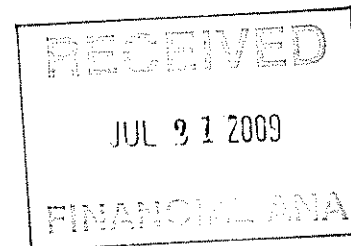
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JUL 21 2009

**PUBLIC SERVICE
 COMMISSION**

Mr. Jeff Derouen
 Executive Director
 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' FAC filing to be effective for service beginning the time of the "Unwind" closing on July 17, 2009. As per the Commission's Order dated March 6, 2009, in Case No. 2007-00455, this FAC Factor is based on WKEC's actual cost data for the month of June 2009, and will be billed early August 2009.

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,

C. William Blackburn
 Senior VP Financial &
 Energy Services & CFO

CWB/vk

Cc: Mark Hite – VP Accounting
 Albert Yockey, VP External Relations and Enterprise Risk Management
 Kelly Nuckols – Jackson Purchase Energy Corporation
 Sandy Novick – Kenergy Corp.
 Burns Mercer – Meade County RECC

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month = June 2009

$$\begin{array}{r} \text{Fuel "Fm" (Fuel Cost Schedule)} \quad \$14,387,640 \\ \hline \text{Sales "Sm" (Sales Schedule)} \quad 766,504,720 \text{ KWH} \end{array} = (+) \$ 0.01877 / \text{KWH}$$

Proposed Base Fuel Component = (-) \$ 0.01072 / KWH

FAC Factor (1) = \$ 0.00805 / KWH

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

Effective Date for Billing: August 1, 2009

Submitted by David J. Ashley
Title: **POWER and FUELS SUPERVISOR**

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month = June 2009

(A) Company Generation		
Coal Burned	(+)	\$14,248,838
Pet Coke Burned	(+)	\$ 1,784,109
Oil Burned	(+)	277,286
Gas Burned	(+)	37,422
Propane Burned	(+)	-
Fuel (assigned cost during Forced Outage)	(+)	
Fuel (substitute cost for Forced Outage)	(-)	
SUB-TOTAL		<u>\$16,347,655</u>
(B) Purchases		
Net energy cost - economy purchases	(+)	\$ 722,427
Identifiable fuel cost - other purchases	(+)	
Identifiable fuel cost (substitute for Forced Outage)	(-)	722,427
Less Purchases Above Highest Cost Units	(-)	
Internal Economy	(+)	
Internal Replacement	(+)	
SUB-TOTAL		<u>\$ -</u>
(C) Inter-System Sales		
Including Interchange-out	(+)	
Internal Economy	(+)	1,960,015
Internal Replacement	(+)	
Dollars Assigned to Inter-System Sales Losses	(+)	
SUB-TOTAL		<u>\$ 1,960,015</u>
(D) Over or (Under) Recovery		
From Page 4, Line 13		<u>\$ -</u>
TOTAL FUEL RECOVERY (A+B-C-D) =		<u><u>\$14,387,640</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (KWH)

Expense Month = June 2009

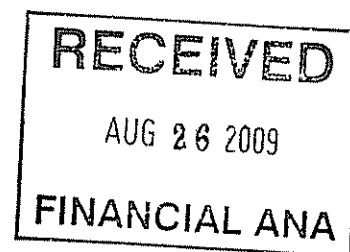
(A) Generation (Net)	(+)	846,514,491	
Purchases including interchange-in	(+)	24,789,000	
Internal Economy	(+)		
Internal Replacement	(+)		
SUB-TOTAL			<u>871,303,491</u>
(B) Inter-system Sales including interchange-out	(+)	104,465,633	
Internal Economy	(+)		
Internal Replacement	(+)		
Supplemental Sales to Smelters	(+)		
Backup Sales to Smelters	(+)		
System Losses (KWH times)	(+)	333,138	
SUB-TOTAL			<u>104,798,771</u>
			<u>TOTAL SALES (A-B) <u>766,504,720</u></u>



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August 25, 2009

Mr. Jeff Derouen
Executive Director
Attn: Chris Whelan
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40601



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

Dear Ms. Whelan:

As per your recent discussions with David Ashby, Big Rivers is submitting its Revised Fuel Adjustment Clause Schedule to the Commission based on WKEC's actual cost data for the first sixteen days of July (1-16) and Big Rivers' actual cost data for the remainder of July (17-31) 2009.

If you have any questions regarding this schedule, please let us know.

Sincerely,

C. William Blackburn
Senior VP Financial & Energy Services & CFO

CWB/vk

Cc: Mark Hite – VP Accounting
Albert Yockey, VP External Relations and Enterprise Risk Management
Kelly Nuckols – Jackson Purchase Energy Corporation
Sandy Novick – Kenergy Corp.
Burns Mercer – Meade County RECC
James Miller - Sullivan, Mountjoy, Stainback and Miller, PSC

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month = July 2009

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)} \quad \$15,228,553}{\text{Sales "Sm" (Sales Schedule)} \quad 807,268,419 \quad \text{KWH}} = (+) \$ 0.018864 / \text{KWH}$$

Proposed Base Fuel Component = (-) \$ 0.010720 / KWH

FAC Factor (1) = \$ 0.008144 / KWH

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

Effective Date for Billing: September 1, 2009

Submitted by David J. Ashley
Title: **POWER and FUELS SUPERVISOR**

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month = July 2009

(A) <u>Company Generation</u>		
Coal Burned	(+)	\$ 15,644,104
Pet Coke Burned	(+)	\$ 1,521,447
Oil Burned	(+)	389,298
Gas Burned	(+)	57,754
Propane Burned	(+)	-
Fuel (assigned cost during Forced Outage)	(+)	195,622
Fuel (substitute cost for Forced Outage)	(-)	129,437
SUB-TOTAL		<u>\$ 17,678,788</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+)	\$ 658,901
Identifiable fuel cost - other purchases	(+)	-
Identifiable fuel cost (substitute for Forced Outage)	(-)	521,032
Less Purchases Above Highest Cost Units	(-)	-
Internal Economy	(+)	-
Internal Replacement	(+)	-
SUB-TOTAL		<u>\$ 137,869</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	(+)	\$ 876,905
Internal Economy	(+)	1,383,050
Internal Replacement	(+)	-
Dollars Assigned to Inter-System Sales Losses	(+)	-
SUB-TOTAL		<u>\$ 2,259,955</u>
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13		\$ 328,150
TOTAL FUEL RECOVERY (A+B-C-D) =		<u><u>\$ 15,228,553</u></u>



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September 29, 2009

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SEP 30 2009
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:

As requested by the Commission, enclosed is Big Rivers' revised Form A, Pages 1, 2 and 4, for its FAC filing dated September 18, 2009 (for the expense month of August 2009). This revision is due to line 4 of Page 4, kWh Used to Determine Last FAC Rate, being 807,268,689 rather than the correct kWh of 807,268,419. Page 3 of Form A is also included, but has not changed. **Please note that this revision does not change the FAC Factor.**

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

Mark A. Hite, CPA
VP Accounting

Enclosure

- c: Mr. C. William Blackburn, Senior VP Financial and Energy Services and CFO
- Mr. Albert Yockey, VP Governmental Relational 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

BIG RIVERS ELECTRIC CORPORATION

FUEL ADJUSTMENT CLAUSE SCHEDULE

Revised 9/29/2009

Expense Month = August 2009

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)} \quad \$16,269,760}{\text{Sales "Sm" (Sales Schedule)} \quad 870,714,832 \quad \text{KWH}} = (+) \$ 0.018686 / \text{KWH}$$

Proposed Base Fuel Component = (-) \$ 0.010720 / KWH

FAC Factor (1) = \$ 0.007966 / KWH

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

Effective Date for Billing: October 1, 2009

Submitted by 

Title: **VP ACCOUNTING**

BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE

Revised 9/29/2009

Expense Month = August 2009

(A) <u>Company Generation</u>		
Coal Burned	(+)	\$ 15,573,682
Pet Coke Burned	(+)	\$ 1,622,997
Oil Burned	(+)	285,372
Gas Burned	(+)	26,685
Propane Burned	(+)	-
Fuel (assigned cost during Forced Outage)	(+)	478,444
Fuel (substitute cost for Forced Outage)	(-)	172,562
SUB-TOTAL		<u>\$ 17,814,618</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+)	\$ 358,328
Identifiable fuel cost - other purchases	(+)	-
Identifiable fuel cost (substitute for Forced Outage)	(-)	415,084
Less Purchases Above Highest Cost Units	(-)	-
Internal Economy	(+)	-
Internal Replacement	(+)	-
SUB-TOTAL		<u>\$ (56,757)</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	(+)	\$ 971,393
Internal Economy	(+)	-
Internal Replacement	(+)	-
Dollars Assigned to Inter-System Sales Losses	(+)	-
SUB-TOTAL		<u>\$ 971,393</u>
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13		\$ 516,708
 TOTAL FUEL RECOVERY (A+B-C-D) =		 <u><u>\$ 16,269,760</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (KWH)

Expense Month = August 2009

(A) Generation (Net)	(+)	887,949,599
Purchases including interchange-in	(+)	311,938,000
Internal Economy	(+)	
Internal Replacement	(+)	
SUB-TOTAL		<u>1,199,887,599</u>
(B) Inter-system Sales including interchange-out	(+)	316,715,380
Internal Economy	(+)	
Internal Replacement	(+)	
Supplemental Sales to Smelters	(+)	
Backup Sales to Smelters	(+)	203,278
Back-up and Energy Imbalance Sales Domtar	(+)	803,135
System Losses	(+)	11,450,974
SUB-TOTAL		<u>329,172,767</u>
TOTAL SALES (A-B)		<u>870,714,832</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE
Revised 9/29/2009
Expense Month = August 2009

1	Last FAC Rate Billed		0 008144
2	KWH Billed at Above Rate		<u>870,714,832</u>
3	FAC Revenue/(Refund)	** (Line 1 x Line 2)	<u>\$ 7,091,102</u>
4	KWH Used to Determine Last FAC Rate		807,268,419
5	Non-Jurisdictional KWH (Included in Line 4)		<u>0</u>
6	Kentucky Jurisdictional KWH	(Line 4 - Line 5)	<u>807,268,419</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>\$ 6,574,394</u>
9	Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ 516,708</u>
10	Total Sales "Sm" (From Page 3 of 4)		<u>870,714,832</u>
11	Kentucky Jurisdictional Sales		<u>870,714,832</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>\$ 516,708</u> To Page 2, Line D

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



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October 20, 2009

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OCT 21 2009

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 September 2009 kWh and cost data, to be applied to invoices for October 2009 service that will be billed early November 2009.

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

Mark A. Hite, CPA
Vice President of Accounting

Enclosure

- c: Mr. C. William Blackburn, Senior VP Financial and Energy Services and CFO
- Mr. Albert Yockey, VP Governmental Relational 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

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BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month = September 2009

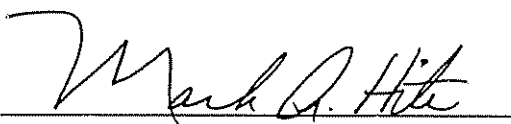
$$\begin{array}{r} \text{Fuel "Fm" (Fuel Cost Schedule)} \\ \hline \text{Sales "Sm" (Sales Schedule)} \end{array} = \begin{array}{r} \$17,051,572 \\ 819,961,855 \text{ KWH} \end{array} = (+) \$ 0.020796 / \text{KWH}$$

Proposed Base Fuel Component = (-) \$ 0.010720 / KWH

FAC Factor (1) = \$ 0.010076 / KWH

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

Effective Date for Billing: November 1, 2009

Submitted by 

Title: **Vice President Accounting**

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month = September 2009

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	16,202,533
Pet Coke Burned	(+) \$	1,089,654
Oil Burned	(+)	406,517
Gas Burned	(+)	32,003
Propane Burned	(+)	-
Fuel (assigned cost during Forced Outage)	(+)	276,092
Fuel (substitute cost for Forced Outage)	(-)	230,415
SUB-TOTAL		<u>\$ 17,776,384</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	316,285
Identifiable fuel cost - other purchases	(+)	-
Identifiable fuel cost (substitute for Forced Outage)	(-)	55,332
Less Purchases Above Highest Cost Units	(-)	-
Internal Economy	(+)	-
Internal Replacement	(+)	-
SUB-TOTAL		<u>\$ 260,953</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	(+) \$	1,390,062
Internal Economy	(+)	-
Internal Replacement	(+)	-
Dollars Assigned to Inter-System Sales Losses	(+)	-
SUB-TOTAL		<u>\$ 1,390,062</u>
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13		<u>\$ (404,298)</u>
TOTAL FUEL RECOVERY (A+B-C-D) =		<u><u>\$ 17,051,572</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (KWH)

Expense Month = September 2009

(A) Generation (Net)	(+)	894,276,632
Purchases including interchange-in	(+)	266,593,000
Internal Economy	(+)	
Internal Replacement	(+)	
SUB-TOTAL		<u>1,160,869,632</u>
(B) Inter-system Sales including interchange-out	(+)	313,240,620
Internal Economy	(+)	
Internal Replacement	(+)	
Supplemental Sales to Smelters	(+)	
Backup Sales to Smelters	(+)	248,674
Back-up and Energy Imbalance Sales Domtar	(+)	17,621,052
System Losses	(+)	9,797,431
SUB-TOTAL		<u>340,907,777</u>
TOTAL SALES (A-B)		<u>819,961,855</u>

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

Expense Month = September 2009

1	Last FAC Rate Billed		0 007966
2	KWH Billed at Above Rate		<u>819,961,855</u>
3	FAC Revenue/(Refund)	** (Line 1 x Line 2)	<u>\$ 6,531,816</u>
4	KWH Used to Determine Last FAC Rate		870,714,832
5	Non-Jurisdictional KWH (Included in Line 4)		<u>0</u>
6	Kentucky Jurisdictional KWH	(Line 4 - Line 5)	<u>870,714,832</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>\$ 6,936,114</u>
9	Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ (404,298)</u>
10	Total Sales "Sm" (From Page 3 of 4)		<u>819,961,855</u>
11	Kentucky Jurisdictional Sales		<u>819,961,855</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>\$ (404,298)</u> To Page 2, Line D

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



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November 19, 2009

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

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**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 2009 kWh and cost data, to be applied to invoices for November 2009 service that will be billed early December 2009.

As you will note in reviewing Form A of the FAC filing, lines have been added to sections A and B to deduct the costs related to backup and imbalance energy provided to Domtar Paper under a cogenerator agreement with Big Rivers. Since the backup and imbalance energy related to Domtar's cogenerator is not subject to the FAC, the costs and kWh energy related to both generation and purchases have been appropriately adjusted from the calculation of the FAC factor.

In addition, based on a phone conversation between Big Rivers and members of the PSC staff, negative generation and costs related to the operation of Big Rivers' Reid Unit have been incorporated into the FAC factor calculation. The Reid Unit was scheduled to run for 48 hours during October but due to a tube leak and high opacity, Reid was only able to remain on line 14.8 hours. The Reid Unit was also removed from service during October due to problems encountered with the generator seal oil system.

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

Mark A. Hite, CPA
Vice President of Accounting

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Enclosure

- c: Mr. C. William Blackburn, Senior VP Financial and Energy Services and CFO
- Mr. Albert Yockey, VP Governmental Relational 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

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month = October 2009

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$17,138,037}{832,741,230 \text{ KWH}} = (+) \$ 0.020580 / \text{KWH}$$

Proposed Base Fuel Component = (-) \$ 0.010720 / KWH

FAC Factor (1) = \$ 0.009860 / KWH

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

Effective Date for Billing: December 1, 2009

Submitted by 

Title: **Vice President Accounting**

BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE

Expense Month = October 2009

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	12,739,534
Pet Coke Burned	(+) \$	1,920,097
Oil Burned	(+)	195,653
Gas Burned	(+)	11,290
Propane Burned	(+)	-
Fuel (assigned cost during Forced Outage)	(+)	245,794
Fuel (substitute cost for Forced Outage)	(-)	157,695
Fuel (Domtar back up / imbalance generation)	(-)	25,056
SUB-TOTAL	\$	<u>14,929,617</u>
 (B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	615,541
Identifiable fuel cost - other purchases	(+) \$	3,525,744
Identifiable fuel cost - Forced Outage purchases	(+) \$	251,789
Identifiable fuel cost (substitute for Forced Outage)	(-) \$	251,789
Less Purchases for Domtar back up	(-) \$	509,418
Less Purchases Above Highest Cost Units	(-) \$	-
SUB-TOTAL	\$	<u>3,631,867</u>
 (C) <u>Inter-System Sales</u>		
Including Interchange-out	(+) \$	1,294,682
SUB-TOTAL	\$	<u>1,294,682</u>
 (D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	128,765
 TOTAL FUEL RECOVERY (A+B-C-D) =		<u><u>\$ 17,138,037</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (KWH)

Expense Month = October 2009

(A) Generation (Net)	(+)	749,763,525
Purchases including interchange-in	(+)	<u>254,324,000</u>
SUB-TOTAL		<u><u>1,004,087,525</u></u>
(B) Inter-system Sales including interchange-out	(+)	143,278,620
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	737,394
Back-up and Energy Imbalance Sales Domtar	(+)	16,590,534
System Losses	(+)	<u>10,739,747</u>
SUB-TOTAL		<u><u>171,346,295</u></u>
TOTAL SALES (A-B)		<u><u>832,741,230</u></u>

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

Expense Month = October 2009

1	Last FAC Rate Billed		0.010076
2	KWH Billed at Above Rate		<u>832,741,230</u>
3	FAC Revenue/(Refund)	** (Line 1 x Line 2)	<u>\$ 8,390,701</u>
4	KWH Used to Determine Last FAC Rate		819,961,855
5	Non-Jurisdictional KWH (Included in Line 4)		<u>0</u>
6	Kentucky Jurisdictional KWH	(Line 4 - Line 5)	<u>819,961,855</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>\$ 8,261,936</u>
9	Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ 128,765</u>
10	Total Sales "Sm" (From Page 3 of 4)		<u>832,741,230</u>
11	Kentucky Jurisdictional Sales		<u>832,741,230</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>\$ 128,765</u> To Page 2, Line D

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



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December 18, 2009

RECEIVED

DEC 21 2009

**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 November 2009 kWh and cost data, to be applied to invoices for December 2009 service that will be billed early January 2010.

Big Rivers' Reid Unit had a small forced outage and negative generation during the month of November 2009. Based on a phone conversation between Big Rivers and members of the PSC staff, negative generation and costs related to the operation of Big Rivers' Reid Unit have been incorporated into the FAC factor calculation.

Big Rivers currently anticipates completing the revisions to the FAC filings for the months of July through October 2009 and submitting to the PSC staff by the early part of next week.

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

Mark A. Hite, CPA
Vice President of Accounting

Enclosure

- c: Mr. C. William Blackburn, Senior VP Financial and Energy Services and 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
DEC 21 2009
FINANCIAL ANA

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month = November 2009

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)} \quad \$18,247,991}{\text{Sales "Sm" (Sales Schedule)} \quad 810,898,902 \quad \text{KWH}} = (+) \$ 0.022503 / \text{KWH}$$

Proposed Base Fuel Component = (-) \$ 0.010720 / KWH

FAC Factor (1) = \$ 0.011783 / KWH

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

Effective Date for Billing: January 1, 2010

Submitted by Mark A. Hite 12/18/09

Title: **Vice President Accounting**

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month = November 2009

(A) Company Generation		
Coal Burned	(+) \$	13,600,028
Pet Coke Burned	(+)	636,865
Oil Burned	(+)	60,854
Gas Burned	(+)	26,028
Propane Burned	(+)	-
Fuel (assigned cost during Forced Outage)	(+)	588,839
Fuel (substitute cost for Forced Outage)	(-)	244,508
Fuel (Domtar back up / imbalance generation)	(-)	10,228
SUB-TOTAL	\$	<u>14,657,878</u>
(B) Purchases		
Net energy cost - economy purchases	(+) \$	427,494
Identifiable fuel cost - other purchases	(+)	4,271,263
Identifiable fuel cost - Forced Outage purchases	(+)	426,848
Identifiable fuel cost (substitute for Forced Outage)	(-)	426,848
Less Purchases for Domtar back up	(-)	358,314
Less Purchases Above Highest Cost Units	(-)	-
SUB-TOTAL	\$	<u>4,340,443</u>
(C) Inter-System Sales		
Including Interchange-out	(+) \$	965,695
SUB-TOTAL	\$	<u>965,695</u>
(D) Over or (Under) Recovery		
From Page 4, Line 13	\$	(215,365)
TOTAL FUEL RECOVERY (A+B-C-D) =	\$	<u><u>18,247,991</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (KWH)

Expense Month = November 2009

(A) Generation (Net)	(+)	705,282,595
Purchases including interchange-in	(+)	<u>255,496,000</u>
SUB-TOTAL		<u><u>960,778,595</u></u>
(B) Inter-system Sales including interchange-out	(+)	123,591,990
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	1,191,728
Back-up and Energy Imbalance Sales Domtar	(+)	12,175,373
System Losses	(+)	<u>12,920,602</u>
SUB-TOTAL		<u><u>149,879,693</u></u>
TOTAL SALES (A-B)		<u><u>810,898,902</u></u>

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

Expense Month = November 2009

1	Last FAC Rate Billed		0 009860
2	KWH Billed at Above Rate		<u>810,898,902</u>
3	FAC Revenue/(Refund)	** (Line 1 x Line 2)	<u>\$ 7,995,463</u>
4	KWH Used to Determine Last FAC Rate		832,741.230
5	Non-Jurisdictional KWH (Included in Line 4)		<u>0</u>
6	Kentucky Jurisdictional KWH	(Line 4 - Line 5)	<u>832,741,230</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>\$ 8,210,829</u>
9	Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ (215,365)</u>
10	Total Sales "Sm" (From Page 3 of 4)		<u>810,898,902</u>
11	Kentucky Jurisdictional Sales		<u>810,898,902</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>\$ (215,365)</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

January 21, 2010

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

RECEIVED
JAN 22 2010
PUBLIC SERVICE
COMMISSION

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

Dear Mr. DeRouen:

Enclosed is Big Rivers' monthly FAC filing based on December 2009 kWh and cost data, to be applied to invoices for January 2010 service that will be billed early February 2010.

Pursuant to the FAC revisions filed on December 21, 2009, for the months of July 2009 through October 2009, a revised FAC rate has been calculated on page four (4) of the December 2009 filing.

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

Mark A. Hite, CPA
Vice President of Accounting

Enclosure

- c: Mr. C. William Blackburn, Senior VP Financial and Energy Services and CFO
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RECEIVED
JAN 22 2010
FINANCIAL ANA

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month = December 2009

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$20,325,278}{912,523,308 \text{ KWH}} = (+) \$ 0.022274 / \text{KWH}$$

Proposed Base Fuel Component = (-) \$ 0.010720 / KWH

$$\text{FAC Factor (1)} = \underline{\underline{\$ 0.011554 / \text{KWH}}}$$

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

Effective Date for Billing: February 1, 2010

Submitted by Mark R. Hite 1/21/10
Title: **Vice President Accounting**

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month = December 2009

(A) Company Generation		
<hr/>		
Coal Burned	(+) \$	17,183,726
Pet Coke Burned	(+)	1,167,976
Oil Burned	(+)	916,645
Gas Burned	(+)	24,621
Propane Burned	(+)	-
Fuel (assigned cost during Forced Outage)	(+)	1,654,916
Fuel (substitute cost for Forced Outage)	(-)	1,072,771
Fuel (Supplemental and Back-Up energy to Smelters)	(-)	23,972
Fuel (Domtar back up / imbalance generation)	(-)	30,457
SUB-TOTAL		<u>\$ 19,820,684</u>
(B) Purchases		
<hr/>		
Net energy cost - economy purchases	(+) \$	706,045
Identifiable fuel cost - other purchases	(+)	637,044
Identifiable fuel cost - Forced Outage purchases	(+)	1,534,165
Identifiable fuel cost (substitute for Forced Outage)	(-)	1,534,165
Less Purchases for Supplemental and Back-Up energy to Smelters)	(-)	-
Less Purchases for Domtar back up	(-)	68,467
Less Purchases Above Highest Cost Units	(-)	-
SUB-TOTAL		<u>\$ 1,274,622</u>
(C) Inter-System Sales		
<hr/>		
Including Interchange-out	(+) \$	1,360,620
SUB-TOTAL		<u>\$ 1,360,620</u>
(D) Over or (Under) Recovery		
<hr/>		
From Page 4, Line 13	\$	(590,592)
 TOTAL FUEL RECOVERY (A+B-C-D) =		
		<u><u>\$ 20,325,278</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (KWH)

Expense Month = December 2009

(A) Generation (Net)	(+)	885,226,677	
Purchases including interchange-in	(+)	305,186,000	
SUB-TOTAL		<u>1,190,412,677</u>	
(B) Inter-system Sales including interchange-out	(+)	263,017,580	
Supplemental Sales to Smelters	(+)	-	
Backup Sales to Smelters	(+)	1,086,311	
Back-up and Energy Imbalance Sales Domtar	(+)	2,852,227	
System Losses	(+)	10,933,251	
SUB-TOTAL		<u>277,889,369</u>	
TOTAL SALES (A-B)		<u>912,523,308</u>	

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

Expense Month = December 2009

1.	Last FAC Rate Billed		0.011783
2.	KWH Billed at Above Rate		<u>912,523,308</u>
3.	FAC Revenue/(Refund)	** (Line 1 x Line 2)	<u>\$ 10,752,262</u>
4.	KWH Used to Determine Last FAC Rate		810,898,902
5.	Non-Jurisdictional KWH (Included in Line 4)		<u>0</u>
6.	Kentucky Jurisdictional KWH	(Line 4 - Line 5)	<u>810,898,902</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed (See Note 1)		0.013988
8.	Recoverable FAC Revenue/(Refund)	(Line 7 x Line 6)	<u>\$ 11,342,854</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ (590,592)</u>
10.	Total Sales "Sm" (From Page 3 of 4)		<u>912,523,308</u>
11.	Kentucky Jurisdictional Sales		<u>912,523,308</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>\$ (590,592)</u>

To Page 2, Line D

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

Note 1: Big Rivers filed Fuel Adjustment Clause revisions for the months July 2009 through October 2009 on December 21, 2009. The prior period adjustment on line 7 is reflective of the January 11, 2010, Commission staff's consent and adjusted per the December 21, 2009, cover letter.

Line 7 Revised FAC Rate Calculation:

Retroactive under recovery (July - October 2009)	\$	1,788,367	
Line 4 (KWh used to determine last FAC rate)	÷	<u>810,898,902</u>	KWh
Prior period adjustment	=	0.002205	
Line 1 (Last FAC rate billed)	+	<u>0.011783</u>	
Line 7 Revised FAC Rate	=	<u><u>0.013988</u></u>	