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August 16, 2012

RECEIVED

AUG 17 2012

PUBLIC SERVICE
COMMISSION

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

*Re: In the Matter of an Examination by the Public Service
Commission of the Environmental Surcharge Mechanism
of Big Rivers Electric Corporation for the Two-Year Billing
Period Ending July 31, 2011 PSC Case No. 2012-00262*

Dear Mr. Derouen:

Big Rivers Electric Corporation ("Big Rivers") hereby encloses an original and ten (10) copies of its responses to the Commission Staff's Requests for Information from the Telephonic Informal Technical Conference of August 7, 2012.

Please confirm the Commission's receipt of this information by placing the Commission's filestamp on the enclosed additional copy and returning it to Big Rivers in the self-addressed, postage-paid envelop provided.

Sincerely,



Tyson Kamuf

TAK/ej
Enclosures

c: Mark A. Bailey
Albert M. Yockey

Telephone (270) 926-4000
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100 St. Ann Building
PO Box 727
Owensboro, Kentucky
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BIG RIVERS ELECTRIC CORPORATION

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION OF THE
ENVIRONMENTAL SURCHARGE MECHANISM OF BIG RIVERS
ELECTRIC CORPORATION FOR THE TWO-YEAR
BILLING PERIOD ENDING JULY 31, 2011
CASE NO. 2012-00262**

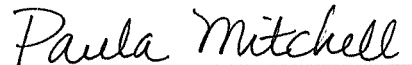
VERIFICATION

I, Lawrence V. Baronowsky, verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.


Lawrence V. Baronowsky

COMMONWEALTH OF KENTUCKY)
COUNTY OF HENDERSON)

SUBSCRIBED AND SWORN TO before me by Lawrence V. Baronowsky on
this the 16th day of August, 2012.


Notary Public, Ky. State at Large
My Commission Expires 1-12-13

BIG RIVERS ELECTRIC CORPORATION

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION OF THE
ENVIRONMENTAL SURCHARGE MECHANISM OF BIG RIVERS
ELECTRIC CORPORATION FOR THE TWO-YEAR
BILLING PERIOD ENDING JULY 31, 2011
CASE NO. 2012-00262**

VERIFICATION

I, Ralph A. Ashworth, verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



Ralph A. Ashworth

COMMONWEALTH OF KENTUCKY)
COUNTY OF HENDERSON)

16th SUBSCRIBED AND SWORN TO before me by Ralph A. Ashworth on this the
day of July, 2012.



Notary Public, Ky. State at Large
My Commission Expires 1-12-13

ORIGINAL



Your Touchstone Energy® Cooperative 

RECEIVED

AUG 17 2012

PUBLIC SERVICE
COMMISSION

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matter of:

**AN EXAMINATION BY THE PUBLIC SERVICE)
COMMISSION OF THE ENVIRONMENTAL)
SURCHARGE MECHANISM OF BIG RIVERS)
ELECTRIC CORPORATION FOR THE TWO-)
YEAR BILLING PERIOD ENDING JULY 31, 2011)**

**Case No.
2012-00262**

**Response to Commission Staff's
Requests for Information
from the
Telephonic Informal Technical Conference
of August 7, 2012**

FILED: August 17, 2012

ORIGINAL

BIG RIVERS ELECTRIC CORPORATION

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION
OF THE ENVIRONMENTAL SURCHARGE MECHANISM
OF BIG RIVERS ELECTRIC CORPORATION
FOR THE TWO-YEAR BILLING PERIOD ENDING JULY 31, 2011
CASE NO. 2012-00262**

**Response to Commission Staff's
Requests for Information from the
Telephonic Informal Technical Conference of August 7, 2012**

August 17, 2012

1 **Item 1)** *Refer to Item 3 of Big Rivers' responses to the Commission*
2 *Staff's Initial Request for Information dated July 2, 2012, page 3 of 3.*
3 *Please explain why temperature affects how much hydrated lime Big*
4 *Rivers uses.*

5

6 **Response)** Big Rivers injects hydrated lime into the flue gas exiting the Wilson
7 Unit's SCR to control the appearance of the scrubber exhaust stack plume. When
8 the ambient air is cold and the humidity is low, the warm gas from the exhaust
9 stack quickly rises and the plume rapidly dissipates leaving little visual presence.
10 When the plume is less visible, less hydrated lime is required to control its
11 appearance. Conversely, when the ambient air is hot and the humidity is high,
12 the gas from the exhaust stack does not quickly rise, but actually appears to hang
13 in the sky or even to fall toward the ground, making the plume more visible. When
14 the plume is more visible, more hydrated lime is required to control its
15 appearance.

16

17

18 **Witness)** Lawrence V. Baronowsky

19

BIG RIVERS ELECTRIC CORPORATION

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION
OF THE ENVIRONMENTAL SURCHARGE MECHANISM
OF BIG RIVERS ELECTRIC CORPORATION
FOR THE TWO-YEAR BILLING PERIOD ENDING JULY 31, 2011
CASE NO. 2012-00262**

**Response to Commission Staff's
Requests for Information from the
Telephonic Informal Technical Conference of August 7, 2012**

August 17, 2012

1 **Item 2)** *Refer to Item 3 of Big Rivers' responses to the Commission*
2 *Staff's First Request for Information, page 3 of 3. Please explain what is*
3 *meant when Big Rivers says "scrubber chemistry" with regard to*
4 *Emulsified Sulphur NO_x, Emulsified Sulphur for SO₂, and Sodium*
5 *Bisulfite for SO₂.*

6
7 **Response)** The Wilson, Green, and Henderson Municipal Power & Light
8 ("HMP&L") units' scrubbers operate utilizing inhibited oxidation chemistry. The
9 desired solids being produced by chemical reaction in these scrubbers are calcium
10 sulfite hemihydrate (CaSO₃-1/2(H₂O)). The Coleman scrubber utilizes forced
11 oxidation chemistry. The desired scrubber solids produced at Coleman are
12 calcium sulfate dihydrate (CaSO₄-2(H₂O)) or gypsum. In the inhibited oxidation
13 scrubbers, some natural oxidation occurs, and if the natural oxidation exceeds
14 15%, gypsum scaling becomes an operational problem.

15 Emulsified sulphur is added to the scrubber slurry to create
16 thiosulfate which inhibits the natural oxidation that is occurring. The emulsified
17 sulphur for NO_x category was created mainly for the HMP&L units due to the
18 selective catalytic reduction ("SCR") for NO_x removal. In the HMP&L SCR
19 process, the reagent (anhydrous ammonia) is diluted with heated air and injected
20 into the gas stream ahead of the catalyst to promote the catalytic conversion of
21 NO_x to nitrogen and water. The heated dilution air that is introduced into the gas
22 stream through the ammonia injection grid increases the oxygen concentration in
23 the flue gas. The HMP&L units did not need to add emulsified sulphur to limit

BIG RIVERS ELECTRIC CORPORATION
AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION
OF THE ENVIRONMENTAL SURCHARGE MECHANISM
OF BIG RIVERS ELECTRIC CORPORATION
FOR THE TWO-YEAR BILLING PERIOD ENDING JULY 31, 2011
CASE NO. 2012-00262

Response to Commission Staff's
Requests for Information from the
Telephonic Informal Technical Conference of August 7, 2012

August 17, 2012

1 the natural oxidation in the scrubber slurry until after the SCR's were placed in
2 service, therefore creating a need for the emulsified sulphur for NO_x category. In
3 order to categorize the emulsified sulphur that is added not as a result of an SCR,
4 the emulsified sulphur for SO₂ category was needed. Emulsified sulphur is batch
5 fed into the scrubber slurry as needed in order to limit natural oxidation (scrubber
6 chemistry) which results in usage fluctuations from month to month.

7 Sodium bisulfite is added to the scrubber slurry as a buffering agent
8 to stabilize the pH throughout the various spray zones within the scrubber vessels
9 in order to enhance/improve the SO₂ scrubbing process. The chemical reactions
10 that drive the SO₂ scrubbing process react best at more neutral pH values.
11 Without the buffering agent, slurry pH can vary greatly through the various spray
12 zones, and with the buffer, lower (more acidic) pH conditions can be avoided. The
13 sodium bisulfite is batch fed as required and is usually only added after unit
14 outages to replace the chemicals lost by draining and cleaning the scrubbers for
15 inspection and maintenance.

16

17

18 **Witness)** Lawrence V. Baronowsky

19

BIG RIVERS ELECTRIC CORPORATION

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION
OF THE ENVIRONMENTAL SURCHARGE MECHANISM
OF BIG RIVERS ELECTRIC CORPORATION
FOR THE TWO-YEAR BILLING PERIOD ENDING JULY 31, 2011
CASE NO. 2012-00262**

**Response to Commission Staff's
Requests for Information from the
Telephonic Informal Technical Conference of August 7, 2012**

August 17, 2012

1 **Item 3)** *Please refer to the attachment to Big Rivers' response to Item 2*
2 *of the Commission Staff's Initial Request for Information dated July 2,*
3 *2012. Please explain why, for the period January 2010 through February*
4 *2011, Columns C, D, and F, on the non-dedicated delivery pages for*
5 *Jackson Purchase Energy Corporation and Meade County Rural Electric*
6 *Cooperative Corporation do not match information filed in Case Nos.*
7 *2010-00368 and 2011-00085.*

8

9 **Response)** Attached are the non-dedicated delivery schedules for Jackson
10 Purchase Energy Corporation and Meade County Rural Electric Cooperative
11 Corporation as submitted in response to Item 2 of the Commission Staff's Initial
12 Request for Information in Case Nos. 2012-00262 (Exhibits A and B attached,
13 respectively), 2010-00368 (Exhibit C attached), and 2011-00085 (Exhibit D
14 attached).

15 The information (for non-dedicated delivery point customers)
16 included for Jackson Purchase Energy Corporation and Meade County Rural
17 Electric Cooperative Corporation, in the attachment to Big Rivers' response to
18 Item 2 of the Commission Staff's Initial Request for Information dated July 2,
19 2012 (Case No. 2012-00262), agrees to the information previously filed in Case No.
20 2010-00368.

21 The information (for non-dedicated delivery point customers)
22 included for Jackson Purchase Energy Corporation and Meade County Rural
23 Electric Cooperative Corporation, in columns C, D, and F of the attachment to Big

BIG RIVERS ELECTRIC CORPORATION
AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION
OF THE ENVIRONMENTAL SURCHARGE MECHANISM
OF BIG RIVERS ELECTRIC CORPORATION
FOR THE TWO-YEAR BILLING PERIOD ENDING JULY 31, 2011
CASE NO. 2012-00262

Response to Commission Staff's
Requests for Information from the
Telephonic Informal Technical Conference of August 7, 2012

August 17, 2012

1 Rivers' response to Item 2 of the Commission Staff's Initial Request for
2 Information dated July 2, 2012 (Case No. 2012-00262), does not agree to the
3 information previously filed in Case No. 2011-00085 (for the months of July 2010
4 through April 2011).

5 The file used to prepare the response to Item 2 in Case No. 2011-
6 00085 included the following formula errors, which resulted in incorrect amounts
7 being included in columns C, D, and F:

8

- 9 • Column (c) for Jackson Purchase Energy Corporation incorrectly
10 referenced the prior month's over/under recovery amounts (from
11 column (f)) instead of the current month's over/under recovery
12 amounts.
- 13 • Column (c) for Meade County Rural Electric Cooperative
14 Corporation incorrectly referenced the following month's
15 over/under recovery amounts (from column (f)) instead of the
16 current month's over/under recovery amounts.

17

18 These errors impacted the over/under recovery amounts included in column (c),
19 the total recoverable amounts calculated in column (d), and the remaining
20 over/under recovery amounts calculated in column (f) in the response to Item 2 of
21 Case No. 2011-00085 for Jackson Purchase Energy Corporation and Meade
22 County Rural Electric Cooperative Corporation.

BIG RIVERS ELECTRIC CORPORATION
AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION
OF THE ENVIRONMENTAL SURCHARGE MECHANISM
OF BIG RIVERS ELECTRIC CORPORATION
FOR THE TWO-YEAR BILLING PERIOD ENDING JULY 31, 2011
CASE NO. 2012-00262

Response to Commission Staff's
Requests for Information from the
Telephonic Informal Technical Conference of August 7, 2012

August 17, 2012

1 The amounts provided in response to Item 2 of the Commission
2 Staff's Initial Request for Information dated July 2, 2012 (Case No. 2012-00262)
3 are correct.

4 Attached as Exhibit E, is a revised non-dedicated delivery schedule
5 for Case No. 2011-00085 reflecting the correction of the errors discussed above.

6
7
8
9

Witness) Ralph A. Ashworth

**Big Rivers Electric Corporation
Case No. 2012-00262
Non-Dedicated Delivery Points**

JACKSON PURCHASE ENERGY CORPORATION ENVIRONMENTAL SURCHARGE: TWO YEAR REVIEW NON-DEDICATED DELIVERY POINT CUSTOMERS						
(a)	(b)	(c)	(d)	(e)	(f)	
Service Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	(Over)/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining (Over)/Under Recovery (Column (d) 2nd preceding month less column (e) current month)	
12	Jul-09	\$ 76,268	\$ 76,268			
13	Aug-09	\$ 145,395	\$ 145,395			
14	Sep-09	\$ 106,638	\$ 109,947	\$ 72,959	\$ 3,309	\$ 3,309
15	Oct-09	\$ 103,076	\$ 138,322	\$ 110,149	\$ 35,246	\$ 35,246
16	Nov-09	\$ 90,752	\$ 116,430	\$ 84,269	\$ 25,678	\$ 25,678
17	Dec-09	\$ 143,372	\$ 146,784	\$ 134,910	\$ 3,412	\$ 3,412
18	Jan-10	\$ 140,679	\$ 57,657	\$ 199,452	\$ (83,022)	\$ (83,022)
19	Feb-10	\$ 107,542	\$ 98,656	\$ 155,670	\$ (8,886)	\$ (8,886)
20	Mar-10	\$ 102,962	\$ 71,232	\$ 89,387	\$ (31,730)	\$ (31,730)
21	Apr-10	\$ 94,101	\$ 166,299	\$ 26,458	\$ 72,198	\$ 72,198
22	May-10	\$ 109,912	\$ 86,144	\$ 95,000	\$ (23,768)	\$ (23,768)
23	Jun-10	\$ 151,977	\$ 146,287	\$ 171,989	\$ (5,690)	\$ (5,690)
24	Jul-10	\$ 179,949	\$ 99,611	\$ 166,482	\$ (80,338)	\$ (80,338)
25	Aug-10	\$ 171,248	\$ 124,533	\$ 193,002	\$ (46,715)	\$ (46,715)
26	Sep-10	\$ 119,364	\$ 108,351	\$ 110,624	\$ (11,013)	\$ (11,013)
27	Oct-10	\$ 99,597	\$ 147,413	\$ 76,717	\$ 47,816	\$ 47,816
28	Nov-10	\$ 133,941	\$ 166,154	\$ 76,138	\$ 32,213	\$ 32,213
29	Dec-10	\$ 165,291	\$ 151,765	\$ 160,939	\$ (13,526)	\$ (13,526)
30	Jan-11	\$ 144,991	\$ 38,335	\$ 272,810	\$ (106,656)	\$ (106,656)
31	Feb-11	\$ 106,243	\$ 84,367	\$ 173,641	\$ (21,876)	\$ (21,876)
32	Mar-11	\$ 104,279	\$ 71,497	\$ 71,117	\$ (32,782)	\$ (32,782)
33	Apr-11	\$ 99,503	\$ 173,600	\$ 10,270	\$ 74,097	\$ 74,097
34	May-11	\$ 84,395	\$ 54,162	\$ 101,730	\$ (30,233)	\$ (30,233)
35	Jun-11	\$ 144,106	\$ 144,657	\$ 173,049	\$ 551	\$ 551
36	Jul-11	\$ 161,441	\$ 96,877	\$ 118,726	\$ (64,564)	\$ (64,564)
37	Aug-11	\$ 150,142	\$ 97,012	\$ 197,787	\$ (53,130)	\$ (53,130)
38	Sep-11	\$ 91,106	\$ 103,327	\$ 84,656	\$ 12,221	\$ 12,221
39	Oct-11	\$ 108,148	\$ 128,179	\$ 76,981	\$ 20,031	\$ 20,031

**Big Rivers Electric Corporation
Case No. 2012-00262
Non-Dedicated Delivery Points**

MEADE COUNTY RURAL ELECTRIC COOPERATIVE CORPORATION ENVIRONMENTAL SURCHARGE: TWO YEAR REVIEW NON-DEDICATED DELIVERY POINT CUSTOMERS					
(a)	(b)	(c)	(d)	(e)	(f)
Service Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	(Over)/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining (Over)/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
12	Jul-09	\$ 47,307	\$ 47,307		
13	Aug-09	\$ 91,992	\$ 91,992		
14	Sep-09	\$ 67,075	\$ (3,960)	\$ 51,267	\$ (3,960)
15	Oct-09	\$ 73,477	\$ 17,692	\$ 74,300	\$ 17,692
16	Nov-09	\$ 68,063	\$ (14,686)	\$ 53,377	\$ (14,686)
17	Dec-09	\$ 112,332	\$ 7,877	\$ 120,209	\$ 7,877
18	Jan-10	\$ 116,417	\$ (36,057)	\$ 80,360	\$ (36,057)
19	Feb-10	\$ 92,559	\$ 28,110	\$ 120,669	\$ 28,110
20	Mar-10	\$ 79,213	\$ (20,620)	\$ 58,593	\$ (20,620)
21	Apr-10	\$ 65,510	\$ 47,490	\$ 113,000	\$ 47,490
22	May-10	\$ 72,893	\$ (21,565)	\$ 51,328	\$ (21,565)
23	Jun-10	\$ 98,353	\$ 11,257	\$ 109,610	\$ 11,257
24	Jul-10	\$ 116,038	\$ (34,183)	\$ 81,855	\$ (34,183)
25	Aug-10	\$ 109,272	\$ 30,510	\$ 139,782	\$ 30,510
26	Sep-10	\$ 79,023	\$ (31,868)	\$ 47,155	\$ (31,868)
27	Oct-10	\$ 69,354	\$ 55,748	\$ 125,102	\$ 55,748
28	Nov-10	\$ 101,359	\$ (38,760)	\$ 62,599	\$ (38,760)
29	Dec-10	\$ 138,048	\$ 18,697	\$ 156,745	\$ 18,697
30	Jan-11	\$ 120,297	\$ (62,678)	\$ 57,619	\$ (62,678)
31	Feb-11	\$ 83,975	\$ 63,638	\$ 147,613	\$ 63,638
32	Mar-11	\$ 78,979	\$ (40,490)	\$ 38,489	\$ (40,490)
33	Apr-11	\$ 69,631	\$ 60,006	\$ 129,637	\$ 60,006
34	May-11	\$ 57,737	\$ (52,498)	\$ 5,239	\$ (52,498)
35	Jun-11	\$ 88,908	\$ 47,711	\$ 136,619	\$ 47,711
36	Jul-11	\$ 104,974	\$ (58,602)	\$ 46,371	\$ (58,602)
37	Aug-11	\$ 96,473	\$ 42,092	\$ 138,565	\$ 42,092
38	Sep-11	\$ 60,123	\$ (28,953)	\$ 31,170	\$ (28,953)
39	Oct-11	\$ 76,716	\$ 55,007	\$ 131,723	\$ 55,007

BIG RIVERS ELECTRIC CORPORATION
Response to Commission Staff's Data Request dated
October 14, 2010

KENERGY CORP.
 ENVIRONMENTAL SURCHARGE: SIX MONTH REVIEW
 NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)
Service Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	Over/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining Over/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
Jan-10	\$ 262,063	\$ (45,704)	\$ 216,359	\$ 225,843	\$ (45,704)
Feb-10	205,976	(10,821)	195,155	252,320	(10,821)
Mar-10	191,619	19,648	211,267	196,711	19,648
Apr-10	170,087	26,898	196,985	168,257	26,898
May-10	196,406	20,428	216,834	190,839	20,428
June-10	267,131	(26,494)	240,637	223,479	(26,494)
July-10	311,711	(52,576)	259,135	269,410	(52,576)
Aug-10	297,403	(10,516)	286,887	251,153	(10,516)
Sep-10				268,080	(8,945)
Oct-10				247,963	38,924

JACKSON PURCHASE ENERGY CORPORATION
 ENVIRONMENTAL SURCHARGE: SIX MONTH REVIEW
 NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)
Service Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	(Over)/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining (Over)/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
Jan-10	\$ 140,679	\$ (83,022)	\$ 57,657	\$ 199,452	\$ (83,022)
Feb-10	107,542	(8,886)	98,656	155,670	(8,886)
Mar-10	102,962	(31,730)	71,232	89,387	(31,730)
Apr-10	94,101	72,198	166,299	26,458	72,198
May-10	109,912	(23,768)	86,144	95,000	(23,768)
Jun-10	151,977	(5,690)	146,287	171,989	(5,690)
Jul-10	179,949	(80,338)	99,611	166,482	(80,338)
Aug-10	171,248	(46,715)	124,533	193,002	(46,715)
Sep-10				110,624	(11,013)
Oct-10				76,717	47,816

MEADE COUNTY RURAL ELECTRIC COOPERATIVE CORPORATION
 ENVIRONMENTAL SURCHARGE: SIX MONTH REVIEW
 NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)
Service Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	(Over)/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining (Over)/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
Jan-10	116,417	(36,057)	80,360	89,434	(36,057)
Feb-10	92,559	28,110	120,669	92,099	28,110
Mar-10	79,213	(20,620)	58,593	100,980	(20,620)
Apr-10	65,510	47,490	113,000	73,180	47,490
May-10	72,893	(21,565)	51,328	80,158	(21,565)
Jun-10	98,353	11,257	109,610	101,743	11,257
Jul-10	116,038	(34,184)	81,855	85,511	(34,184)
Aug-10	109,272	30,511	139,783	79,100	30,511
Sep-10				113,723	(31,868)
Oct-10				84,034	55,749

BIG RIVERS ELECTRIC CORPORATION
Response to Commission Staff's Data Request dated
March 22, 2011

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KENERGY CORP-ENVIRONMENTAL SURCHARGE: SIX MONTH REVIEW
 NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)
Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	Over/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining Over/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
July-10	\$ 311,711	\$ (52,576)	\$ 259,135	\$ 269,410	\$ (52,576)
Aug-10	297,403	(10,516)	286,887	251,153	(10,516)
Sept-10	214,535	(8,945)	205,590	268,080	(8,945)
Oct-10	179,028	38,924	217,952	247,963	38,924
Nov-10	246,574	22,494	269,068	183,096	22,494
Dec-10	306,397	(37,524)	268,873	255,476	(37,524)
Jan-11	268,235	(82,168)	186,067	351,236	(82,168)
Feb-11	193,924	4,672	198,596	264,201	4,672
Mar-11					
Apr-11					

JACKSON PURCHASE ENERGY CORPORATION
 ENVIRONMENTAL SURCHARGE: SIX MONTH REVIEW
 NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)
Service Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	(Over)/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining (Over)/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
Jul-10	\$ 179,949	\$ (55,121)	\$ 124,828	\$ 166,482	\$ (48,940)
Aug-10	171,248	(48,940)	122,308	193,002	(22,992)
Sep-10	119,364	(22,992)	96,372	110,624	14,204
Oct-10	99,597	14,204	113,801	76,717	45,591
Nov-10	133,941	45,591	179,532	76,138	20,234
Dec-10	165,291	20,234	185,525	160,939	(47,138)
Jan-11	144,991	(47,138)	97,853	272,810	(93,278)
Feb-11	106,243	(93,278)	12,965	173,641	11,884
Mar-11				71,117	26,736
Apr-11					

MEADE COUNTY RECC - ENVIRONMENTAL SURCHARGE: SIX MONTH REVIEW
 NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)
Service Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	(Over)/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining (Over)/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
Jul-10	\$ 116,038	(3,671)	\$ 112,367	\$ 85,511	\$ (22,925)
Aug-10	109,272	(1,357)	107,916	79,100	(3,671)
Sep-10	79,023	23,882	102,905	113,723	(1,357)
Oct-10	69,354	16,990	86,344	84,034	23,882
Nov-10	101,359	(20,061)	81,298	85,915	16,990
Dec-10	138,048	(43,979)	94,069	106,405	(20,061)
Jan-11	120,297	962	121,259	125,277	(43,979)
Feb-11	83,975	23,150	107,125	93,107	962
Mar-11				98,109	23,150
Apr-11				87,608	19,517

BIG RIVERS ELECTRIC CORPORATION
Response to Commission Staff's Data Request dated
March 22, 2011

NOTE: Updated August 20, 2012 to reflect corrections for errors identified in the over/under recovery columns of Jackson Purchase Energy Corporation and Meade County Rural Electric Cooperative Corporation while preparing the response to Item No. 2 of the Commission Staff's Initial Request for Information dated July 2, 2012 in Case No. 2012-00262.

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KENERGY CORP-ENVIRONMENTAL SURCHARGE: SIX MONTH REVIEW
NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)
Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	Over/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining Over/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
July-10	\$ 311,711	\$ (52,576)	\$ 259,135	\$ 269,410	\$ (52,576)
Aug-10	297,403	(10,516)	286,887	251,153	(10,516)
Sept-10	214,535	(8,945)	205,590	268,080	(8,945)
Oct-10	179,028	38,924	217,952	247,963	38,924
Nov-10	246,574	22,494	269,068	183,096	22,494
Dec-10	306,397	(37,524)	268,873	255,476	(37,524)
Jan-11	268,235	(82,168)	186,067	351,236	(82,168)
Feb-11	193,924	4,672	198,596	264,201	4,672
Mar-11					
Apr-11					

JACKSON PURCHASE ENERGY CORPORATION *
ENVIRONMENTAL SURCHARGE: SIX MONTH REVIEW
NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)
Service Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	(Over)/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining (Over)/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
Jul-10	\$ 179,949	\$ (80,338)	\$ 99,611	\$ 166,482	\$ (80,338)
Aug-10	171,248	(46,715)	124,533	193,002	(46,715)
Sep-10	119,364	(11,013)	108,351	110,624	(11,013)
Oct-10	99,597	47,816	147,413	76,717	47,816
Nov-10	133,941	32,213	166,154	76,138	32,213
Dec-10	165,291	(13,526)	151,765	160,939	(13,526)
Jan-11	144,991	(106,656)	38,335	272,810	(106,656)
Feb-11	106,243	(21,876)	84,367	173,641	(21,876)
Mar-11				71,117	(32,782)
Apr-11					

MEADE COUNTY RECC - ENVIRONMENTAL SURCHARGE: SIX MONTH REVIEW *
NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)
Service Mo/Yr	Big Rivers Electric Invoice Amount for Service Month	(Over)/Under Recovery from column (f)	Total Recoverable column (b) + (c)	Month Billing Occurs to Retail Customer	Remaining (Over)/Under Recovery (Column (d) 2nd preceding month less column (e) current month)
Jul-10	\$ 116,038	\$ (34,182)	\$ 81,856	\$ 85,511	\$ (34,182)
Aug-10	109,272	30,511	139,784	79,100	30,511
Sep-10	79,023	(31,868)	47,155	113,723	(31,868)
Oct-10	69,354	55,750	125,104	84,034	55,750
Nov-10	101,359	(38,760)	62,599	85,915	(38,760)
Dec-10	138,048	18,699	156,747	106,405	18,699
Jan-11	120,297	(62,678)	57,619	125,277	(62,678)
Feb-11	83,975	63,640	147,615	93,107	63,640
Mar-11				98,109	(40,490)
Apr-11				87,608	60,007

* Updated for formal error identified in (Over)/Under Recovery column during the two year review (Case No 2012-00262).