

Big Sandy Rural Electric Cooperative Corporation

504 11th Street Paintsville, Kentucky 41240-1422 (606) 789-4095 • Fax (606) 789-5454 Toll Free (888) 789-RECC (7322)

RECEIVED

SEP 2 9 2015 PUBLIC SERVICE COMMISSION

September 28, 2015

Mr. Jeff Derouen Executive Director Public Service Commission 211 Sower Blvd. Frankfort, KY 40602

RE: Public Service Commission Case No. 2015-00281

Dear Mr. Derouen:

Please find enclosed the original and 7 copies of Big Sandy Rural Electric Cooperative Corporation's response as requested in Case No. 2015-00281, AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION OF THE ENVIRONMENTAL SURCHARGE MECHANISM OF EAST KENTUCKY POWER COOPERATIVE, INC. FOR THE SIXMONTH BILLING PERIODS ENDING JUNE 30, 2014 AND DECEMBER 31, 2014, TWO-YEAR BILLING PERIOD ENDING JUNE 30, 2015, AND THE PASS THROUGH MECHANISM FOR ITS SIXTEEN MEMBER DISTRIBUTION COOPERATIVES. Billy Frasure will be the witness responsible for responding to the questions related to the information provided.

If you should need any additional information, please do not hesitate to contact me.

Thank you,

David Estepp President & General Manager

A Touchstone Energy Cooperative

#### CERTIFICATE

STATE OF KENTUCKY ) COUNTY OF JOHNSON )

Billy O. Frasure, CPA, being duly sworn, states that he has supervised the preparation of the response of Big Sandy RECC to the Public Service Commission Staff's Request for information in the above-referenced Case No. 2015-00281 dated August 31, 2015 and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

Billy O. Frasure, CPA

Subscribed and sworn before me on this 28th day of September, 2015

Hudy L. Mc Chire

COMMONWEALTH OF KENTUCKY

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## BEFORE THE PUBLIC SERVICE COMMISSION

SEP 292015 PUBLIC SERVICE COMMISSION

In the Matter of:

| AN EXAMINATION BY THE PUBLIC SERVICE | )      |            |
|--------------------------------------|--------|------------|
| COMMISSION OF THE ENVIRONMENTAL      | )      |            |
| SURCHARGE MECHANISM OF EAST KENTUCKY | )      |            |
| POWER COOPERATIVE, INC. FOR THE SIX  | )      |            |
| MONTH BILLING PERIODS ENDING         | )      |            |
| JUNE 30, 2014 AND DECEMBER 31, 2014, | )      |            |
| TWO-YEAR BILLING PERIOD ENDING       | )      | CASE NO.   |
| JUNE 30, 2015, AND THE PASS THROUGH  | )      | 2015-00281 |
| MECHANISM FOR ITS SIXTEEN MEMBER     | )<br>) |            |
| DISTRIBUTION COOPERATIVES            | )      |            |
|                                      | •      |            |

## RESPONSE TO COMMISSION STAFF'S INFORMATION REQUEST TO BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION

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DATED AUGUST 31, 2015

#### **REQUEST NO. 8:**

This question is addressed to each of the 16 Member Cooperatives. For your particular distribution cooperative, provide the actual average residential customer's monthly usage for the 12 months ended May 31, 2015. Based on this usage amount, provide the dollar impact any over- or under-recovery will have on the average residential customer's monthly bill for the requested recovery period. Provide all supporting calculations.

#### **RESPONSE:**

The over- or under-recovery used to determine the impact on the average residential customer's monthly bill has been determined using the traditional methodology used in previous surcharge reviews. However, Big Sandy RECC continues to believe that the methodology used to determine the over- or under-recovery needs revision and is working with the other EKPC Members to reach a consensus solution. Big Sandy RECC also supports the proposal that a future informal conference with the Commission Staff be held to discuss this issue.

WITNESS: BILLY FRASURE

### ITEM 8 PAGE 2 OF 4

| Big Sandy RECC   |            |              |                | \$  | 5,648  |  | ]        |        |  |  |
|--|------------|--------------|----------------|-----|--------|--|----------|--------|--|--|
| Six month recov  | rery sprea | d:           |                | \$  | 941    |  |          |        |  |  |
|  |            | <u></u>      |                |     |        |  |          |        |  |  |
|  |            |              |                |     |        |  | 6 Mc     | nth    |  |  |
|  |            |              | Actu           | jal |        |  |          | 13.68  |  |  |
| 12 month Avera   | age Reside | ential Usage |                |     | 1,196  |  |          |        |  |  |
| улан байна насан уулаг улаг улаг улаг ул уул уул уул уул уул уул уул уул уул | Custor     | ner Charge   |                | \$  | 15.00  | andream and a state of the stat | \$       | 15.00  |  |  |
|  |            | WH Charge    | 0.08900        | т   | 106.44 |  | Ψ        |        |  |  |
|  |            | FAC          | -0.008215      |     | (9.83) |  |          | ······ |  |  |
|  |            | Sub Total    |                | \$  | 111.61 |  | \$       |        |  |  |
|  | * Surcharg | je May 2015  | 12.21%         |     | 13.63  | 12.26%   |          | 13.68  |  |  |
|  |            | Total        |                | \$  | 125.24 |  | \$       |        |  |  |
| W . An an and w 10 Mar   |            |              |                |     | [A]    |  | <u> </u> |        |  |  |
| Dollar Impact  | \$         | 0.05         | [B]-[A]        |     |        |  | ·        |        |  |  |
| * Please see atto  | ched EKP   | Pass Throug  | h Mechanism Re | nor | ts     |  |          |        |  |  |
| Actual   |            |              |                |     |        |  |          |        |  |  |
| Spreading \$941  |            |              |                |     |        |  |          |        |  |  |

WITNESS: BILLY FRASURE

ITEM 8 PAGE 3 OF 4 "TRADITIONAL ACTUAL"

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# East Kentucky Power Cooperative, Inc. - Distribution Cooperatives Pass Through Mechanism Report for Big Sandy RECC

For the Month Ending May 2015

|  | (1)   | (2)  | (3)   | (4)  | (5)                              | (6)  | (7)  |   |   |  |  |  |  |   |  |
|--|---|--|---|--|----------------------------------|--|--|---|---|--|--|--|--|---|--|
| Surcharge<br>Factor<br>Expense<br>Month  | EKPC<br>CESF %  | EKPC<br>BESF %   | EKPC<br>MESF %  | EKPC<br>Monthiy<br>Revenues from<br>Sales to<br>Big Sandy  | On-peak<br>Revenue<br>Adjustment | EKPC Net<br>Monthly<br>Sales<br>to<br>Big Sandy  | EKPC 12-months<br>Ended Average<br>Monthly Revenue<br>from Sales to<br>Big Sandy   | (8)<br>Big Sandy<br>Revenue<br>Requirement  | (9)<br>Amortization<br>of<br>(Over)/Under<br>Recovery   | (10)<br>Big Sandy<br>Net Ravenue<br>Revenue<br>Requirement   | (11)<br>Big Sandy<br>Total<br>Monthly Retail<br>Revenues | (12)<br>On-Peak<br>Retail<br>Revenue<br>Adjustment | (13)<br>Big Sandy<br>Net Monthly<br>Retail<br>Rêvenues   | (14)<br>12-months<br>ended<br>Avg. Retail<br>Revenues,<br>Net | (15)<br>Big Sandy<br>Pass<br>Through<br>Mechanism<br>Factor  |
| ·  |   |  | Col. (1) - Col. (2)   |  |                                  | Col. (4) - Col. (5)  |  | Col (3) x Col (7)   |   | 0.100  |  |  |  | <u> </u>  |  |
| Jun-13<br>Jul-13<br>Aug-13<br>Sep-13<br>Oct-13<br>Jan-14<br>Feb-14<br>Mar-14<br>Apr-14<br>Apr-14<br>Aug-14<br>Sep-14<br>Jul-14<br>Aug-14<br>Sep-14<br>Dec-14<br>Jan-15<br>Feb-15<br>Mar-15<br>May-15 | 17.09%<br>15.77%<br>15.49%<br>14.93%<br>16.69%<br>14.54%<br>10.92%<br>5.44%<br>11.62%<br>13.47%<br>15.84%<br>15.84%<br>15.85%<br>12.82%<br>13.53%<br>15.55%<br>13.88%<br>13.67%<br>13.88%<br>13.67%<br>13.88%<br>13.67%<br>11.49%<br>10.90% | 0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00% | 17.09%<br>15.77%<br>15.49%<br>14.93%<br>16.69%<br>17.43%<br>14.54%<br>10.92%<br>5.44%<br>11.62%<br>13.47%<br>15.84%<br>15.67%<br>14.38%<br>12.62%<br>13.53%<br>15.57%<br>14.38%<br>13.88%<br>13.88%<br>13.67%<br>11.49%<br>10.80%<br>11.49%<br>14.44%<br>18.09% | \$ 1,333,577<br>\$ 1,260,375<br>\$ 1,260,375<br>\$ 1,061,773<br>\$ 1,681,773<br>\$ 1,681,366<br>\$ 2,207,416<br>\$ 1,759,257<br>\$ 1,660,817<br>\$ 1,139,587<br>\$ 1,131,283<br>\$ 1,266,853<br>\$ 1,303,224<br>\$ 1,269,803<br>\$ 1,094,371<br>\$ 1,530,0031<br>\$ 1,530,0031<br>\$ 1,538,655<br>\$ 1,339,911<br>\$ 992,116 |                                  | \$ 1,266,813<br>\$ 1,333,577<br>\$ 1,260,375<br>\$ 1,088,977<br>\$ 1,061,773<br>\$ 1,473,559<br>\$ 1,473,559<br>\$ 1,681,366<br>\$ 2,207,416 | \$ 1,421,751<br>\$ 1,426,326<br>\$ 1,422,3938<br>\$ 1,422,067<br>\$ 1,422,070<br>\$ 1,419,541<br>\$ 1,420,326<br>\$ 1,420,326<br>\$ 1,420,326<br>\$ 1,420,376<br>\$ 1,414,973<br>\$ 1,414,973<br>\$ 1,416,250<br>\$ 1,416,269<br>\$ 1,373,101<br>\$ 1,339,717<br>\$ 1,367,975<br>\$ 1,367,975<br>} | \$ 235,327<br>\$ 216,021<br>\$ 212,235<br>\$ 204,515<br>\$ 237,040<br>\$ 198,631<br>\$ 153,532<br>\$ 77,343<br>\$ 165,739<br>\$ 191,804<br>\$ 225,255<br>\$ 222,838<br>\$ 194,804<br>\$ 225,255<br>\$ 220,311<br>\$ 220,311<br>\$ 204,130<br>\$ 192,231<br>\$ 204,130<br>\$ 192,231<br>\$ 204,130<br>\$ 195,678<br>\$ 240,395<br>\$ 245,295<br>\$ 240,395<br>\$ 245,295<br>\$ 240,395<br>\$ 240,395<br>\$ 240,395<br>\$ 240,395<br>\$ 240,395<br>\$ 240,395<br>\$ 240,395<br>\$ 240,395<br>\$ 240,395<br>\$ 245,295<br>\$ 240,395<br>\$ | \$ 18,477<br>\$ 14,199<br>\$ 14,199<br>\$ 14,199<br>\$ 14,199<br>\$ 14,199<br>\$ 14,199<br>\$ (4,278)<br>\$ (5,357)<br>\$ (5,35 | \$ 160,382<br>\$ 186,447<br>\$ 219,898<br>\$ 217,461<br>\$ 198,773<br>\$ 173,888<br>\$ 192,231<br>\$ 220,311<br>\$ 240,395<br>\$ 195,104<br>\$ 187,703<br>\$ 195,678<br>\$ 199,678<br>\$ 194,883 |  |  | \$ 2,167,107<br>\$ 2,455,793<br>\$ 3,172,926<br>\$ 2,432,240<br>\$ 2,300,971<br>\$ 1,552,845<br>\$ 1,686,916<br>\$ 1,839,015<br>\$ 1,868,673<br>\$ 1,867,471<br>\$ 1,602,768<br>\$ 1,625,101<br>\$ 2,228,327<br>\$ 3,27<br>\$ | 1,992,463   | 11.93%<br>11.93%<br>11.76%<br>11.41%<br>11.01%<br>12.16%<br>12.60%<br>10.68%<br>7.45%<br>3.76%<br>7.73%<br>9.07%<br>10.72%<br>10.58%<br>9.67%<br>8.51%<br>9.39%<br>10.75%<br>9.50%<br>9.22%<br>8.00%<br>7.39%<br>9.22% |
| otes:  |   |  |   |  |                                  |  | .,   | 5 241,652 <b>\$</b>   | • - :   | <b>241,652</b>   | \$ 1,508,652   | \$   |  |   | 12.21%   |

Big Sandy Total Monthly Retail Revenues in Column (11) includes demand and energy charges, customer charges, and FAC revenues. Revenues reported in Columns (4), (6), (7), (11), (13), and (14) are net of Green Power Revenues.

#### ITEM 8 PAGE 4 OF 4 "TRADITIONAL SPREADING \$941"

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# East Kentucky Power Cooperative, Inc. - Distribution Cooperatives Pass Through Mechanism Report for Big Sandy RECC

For the Month Ending May 2015

|  | (1)  | (2)   | (3)   | (4)  | (5)                              | (6)   | (7)  |  |   |  |  |  |  |   |   |
|--|--|---|---|--|----------------------------------|---|--|--|---|--|--|--|--|---|---|
| Surcharge<br>Factor<br>Expense<br>Month  | EKPC<br>CESF %   | EKPC<br>BESF %  | EKPC<br>MESF %  | EKPC<br>Monthly<br>Revenues from<br>Sales to<br>Big Sandy  | On-peak<br>Revenue<br>Adjustment | EKPC Net<br>Monthly<br>Sales<br>to<br>Big Sandy   | EKPC 12-months<br>Ended Average<br>Monthly Revenue<br>from Sales to<br>Big Sandy   | (8)<br>Big Sandy<br>Revenue<br>Requirement   | (9)<br>Amortization<br>of<br>(Over)/Under<br>Recovery   | (10)<br>Big Sandy<br>Net Revenue<br>Revenue<br>Requirement   | (11)<br>Big Sandy<br>Total<br>Monthly Retail<br>Revenues   | (12)<br>On-Peak<br>Retail<br>Revenue<br>Adjustment | (13)<br>Big Sandy<br>Net Monthly<br>Retail<br>Revenues   | (14)<br>12-months<br>ended<br>Avg. Retail<br>Revenues,<br>Net | (15)<br>Big Sandy<br>Pass<br>Through<br>Mechanism<br>Factor   |
|  |  |   | Col. (1) - Col. (2)   |  |                                  | Col. (4) - Col. (5)   |  | Cal (3) x Cal (7)  |   |  |  |  |  |   |   |
| Jun-13<br>Jui-13<br>Aug-13<br>Sep-13<br>Oct-13<br>Jan-14<br>Mar-14<br>Apr-14<br>Mar-14<br>Aug-14<br>Jun-14<br>Jun-14<br>Jun-14<br>Sep-14<br>Oct-14<br>Nov-14<br>Dec-14<br>Dec-15<br>Mar-15<br>Mar-15 | 17.09%<br>15.77%<br>15.49%<br>14.93%<br>17.43%<br>14.54%<br>10.92%<br>13.47%<br>15.62%<br>13.47%<br>15.62%<br>14.38%<br>12.62%<br>13.53%<br>15.57%<br>16.95%<br>13.88%<br>13.67%<br>11.49%<br>10.90%<br>14.44%<br>18.09% | 0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00%<br>0.00% | 17.09%<br>15.77%<br>15.49%<br>14.93%<br>16.69%<br>17.43%<br>10.92%<br>5.44%<br>10.92%<br>13.47%<br>15.84%<br>15.67%<br>14.38%<br>15.67%<br>14.38%<br>15.57%<br>16.95%<br>13.88%<br>13.67%<br>13.88%<br>13.67%<br>14.44%<br>13.60%<br>14.44% | \$ 1,333,577<br>\$ 1,260,375<br>\$ 1,068,977<br>\$ 1,061,773<br>\$ 1,681,366<br>\$ 2,207,416<br>\$ 1,769,257<br>\$ 1,660,817<br>\$ 1,139,587<br>\$ 1,131,283<br>\$ 1,266,853<br>\$ 1,269,803<br>\$ 1,513,000<br>\$ 1,533,031<br>\$ 1,958,655<br>\$ 1,959,415<br>\$ 1,9 |                                  | \$ 1,266,813<br>\$ 1,333,577<br>\$ 1,260,375<br>\$ 1,088,977<br>\$ 1,061,773<br>\$ 1,473,559<br>\$ 1,681,365<br>\$ 2,207,416<br>\$ 1,759,257<br>\$ 1,660,817<br>\$ 1,139,587<br>\$ 1,139,587<br>\$ 1,139,587<br>\$ 1,303,224<br>\$ 1,269,803<br>\$ 1,094,371<br>\$ 992,145<br>\$ 1,513,000<br>\$ 1,513,000<br>\$ 1,513,000<br>\$ 1,513,000<br>} 1,33,577<br>\$ 1,513,000<br>} 1,33,577<br>\$ 1,266,853<br>\$ 1,269,803<br>\$ 1,269,803<br>\$ 1,094,371<br>\$ 992,145<br>\$ 1,513,000<br>} 1,513,000<br>} 1,33,577<br>\$ 1,260,813<br>\$ 1,260,813<br>\$ 1,260,817<br>\$ 1,30,224<br>\$ 1,303,224<br>\$ 1,269,803<br>\$ 1,269,803<br>\$ 1,269,803<br>\$ 1,513,000<br>\$ 1,513,000<br>} 1,513,000 | \$ 1,369,825<br>\$ 1,370,140<br>\$ 1,365,825<br>\$ 1,359,827<br>\$ 1,365,820<br>\$ 1,359,954<br>\$ 1,366,100<br>\$ 1,405,973<br>\$ 1,421,751<br>\$ 1,422,326<br>\$ 1,422,326<br>\$ 1,422,070<br>\$ 1,422,070<br>\$ 1,422,070<br>\$ 1,422,070<br>\$ 1,422,070<br>\$ 1,422,070<br>\$ 1,422,070<br>\$ 1,422,070<br>\$ 1,422,070<br>\$ 1,426,326<br>\$ 1,422,070<br>\$ 1,426,326<br>\$ 1,422,070<br>\$ 1,426,326<br>\$ 1,426,375<br>\$ 1,426,326<br>\$ 1,426,375<br>\$ 1,436,975<br>\$ 1,367,975<br>\$ 1,349,802 | Col (3) x Col (7)           \$ 235,327           \$ 216,021           \$ 212,235           \$ 204,515           \$ 227,915           \$ 227,915           \$ 235,327           \$ 198,631           \$ 153,532           \$ 77,343           \$ 165,739           \$ 191,804           \$ 225,255           \$ 226,255           \$ 220,311           \$ 192,231           \$ 240,395           \$ 195,104           \$ 195,104           \$ 195,678           \$ 149,109           \$ 149,683           \$ 244,682           \$ 244,652 | \$         18,477           \$         14,199           \$         14,199           \$         14,199           \$         14,199           \$         14,199           \$         14,199           \$         14,199           \$         14,199           \$         14,199           \$         14,199           \$         14,199           \$         (5,357)           \$         (5,357)           \$         (5,357)           \$         (5,357)           \$         (5,357)           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         - | <ul> <li>\$ 186,447</li> <li>\$ 219,898</li> <li>\$ 217,481</li> <li>\$ 198,773</li> <li>\$ 173,888</li> <li>\$ 192,231</li> <li>\$ 220,311</li> <li>\$ 240,395</li> <li>\$ 195,104</li> <li>\$ 187,703</li> <li>\$ 159,678</li> <li>\$ 149,109</li> <li>\$ 194,883</li> <li>\$ 194,883</li> </ul> | \$ 1,854,262<br>\$ 2,004,628<br>\$ 1,834,960<br>\$ 1,568,895<br>\$ 1,602,099<br>\$ 2,167,107<br>\$ 2,455,793<br>\$ 3,172,926<br>\$ 2,432,240<br>\$ 2,300,971<br>\$ 1,522,845<br>\$ 1,686,916<br>\$ 1,839,015<br>\$ 1,868,873<br>\$ 1,667,471<br>\$ 1,669,766<br>\$ 1,825,101<br>\$ 2,228,327<br>\$ 2,697,800<br>\$ 2,711,263<br>\$ 1,428,865<br>\$ 1,508,652<br>\$ 1,508,652<br>} 1,5 |  | \$ 2,455,793<br>\$ 3,172,926<br>\$ 2,432,240<br>\$ 2,300,971<br>\$ 1,592,845<br>\$ 1,686,916<br>\$ 1,868,973<br>\$ 1,868,873<br>\$ 1,867,471<br>\$ 1,609,766<br>\$ 1,868,873<br>\$ 1,867,471<br>\$ 1,609,766<br>\$ 2,188,553<br>\$ 2,228,327<br>\$ 2,283,277<br>\$ 3,172,285<br>\$ 3,1 | \$ 2,018,905<br>\$ 1,992,463<br>\$ 1,978,798                  | Col (10) / Col (14)<br>11.93%<br>11.76%<br>11.41%<br>11.01%<br>12.16%<br>12.60%<br>10.68%<br>7.45%<br>3.76%<br>9.07%<br>10.72%<br>10.58%<br>9.67%<br>8.51%<br>9.39%<br>10.75%<br>10.72%<br>9.39%<br>10.72%<br>9.39%<br>10.72%<br>9.39%<br>10.72%<br>9.39%<br>9.39%<br>10.72%<br>9.39%<br>10.72%<br>9.39%<br>10.72%<br>9.39%<br>10.72%<br>9.50%<br>9.22%<br>8.00%<br>7.39%<br>9.78%<br>9.78% |
| Notes:   |  |   |   |  |                                  |   | - 1,000,000 :  | ≥ 241,652 t  | 941 9   | \$ 242,593   | \$ 1,508,652   | ł  |  | \$ 1,963,943  | 12,26%  |

Notes: Big Sandy Total Monthly Retail Revenues in Column (11) includes demand and energy charges, customer charges, and FAC revenues, Revenues reported in Columns (4), (5), (7), (11), (13), and (14) are net of Green Power Revenues.