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June 15, 2012

**Via Federal Express**

Jeff DeRouen  
Executive Director  
Public Service Commission  
211 Sower Boulevard, P.O. Box 615  
Frankfort, Kentucky 40602-0615

RECEIVED

JUN 15 2012

PUBLIC SERVICE  
COMMISSION

Re: *In the Matter of: Application of Big Rivers Electric Corporation for Approval of its 2012 Environmental Compliance Plan, for Approval of its Amended Environmental Cost Recovery Surcharge Tariff, for Certificates of Public Convenience and Necessity, and for Authority to Establish a Regulatory Account, P.S.C. Case No. 2012-00063*

Dear Mr. DeRouen:

Enclosed for filing on behalf of Big Rivers Electric Corporation ("Big Rivers") are an original and ten copies of (i) Big Rivers' updated response to Item 1 of the Public Service Commission Staff's First Request for Information, (ii) Big Rivers updated response to Item 43 of Kentucky Industrial Utility Customers, Inc.'s First Set of Data Requests, and (iii) a petition for confidential treatment. A copy of this letter, a copy of the updated responses, and a copy of the petition have been served on each of the persons on the attached service list.

Sincerely,



Tyson Kamuf

TAK/ej  
Enclosures

cc: Mark A. Bailey  
Albert Yockey

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PSC Case No. 2012-00063

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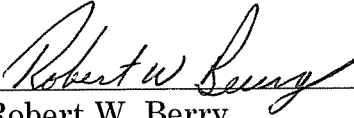
**BIG RIVERS ELECTRIC CORPORATION**

**THE APPLICATION OF BIG RIVERS ELECTRIC CORPORATION FOR  
APPROVAL OF ITS 2012 ENVIRONMENTAL COMPLIANCE PLAN AND  
REVISIONS TO ITS ENVIRONMENTAL SURCHARGE TARIFF, FOR  
CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY, AND FOR  
AUTHORITY TO ESTABLISH A REGULATORY ACCOUNT**

**CASE NO. 2012-00063**

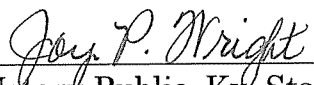
**VERIFICATION**

I, Robert W. Berry, verify, state, and affirm that I prepared or supervised the preparation of the data responses filed with this Verification, and that those data responses are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

  
\_\_\_\_\_  
Robert W. Berry

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

SUBSCRIBED AND SWORN TO before me by Robert W. Berry on this the  
13 day of June, 2012.

  
\_\_\_\_\_  
Notary Public, Ky. State at Large  
My Commission Expires \_\_\_\_\_

**Notary Public, Kentucky State-At-Large  
My Commission Expires: July 3, 2014  
ID 421951**

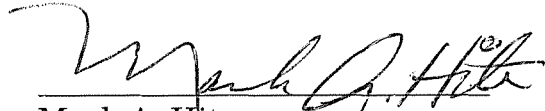
**BIG RIVERS ELECTRIC CORPORATION**

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CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY, AND FOR  
AUTHORITY TO ESTABLISH A REGULATORY ACCOUNT**

**CASE NO. 2012-00063**


**VERIFICATION**

I, Mark A. Hite, verify, state, and affirm that I prepared or supervised the preparation of the data responses filed with this Verification, and that those data responses are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

  
Mark A. Hite

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

SUBSCRIBED AND SWORN TO before me by Mark A. Hite on this the 14<sup>th</sup>  
day of June, 2012.

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

**ORIGINAL**



Your Touchstone Energy® Cooperative 

**COMMONWEALTH OF KENTUCKY**

**BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY**

**In the Matter of:**

**APPLICATION OF BIG RIVERS ELECTRIC )  
CORPORATION FOR APPROVAL OF ITS )  
2012 ENVIRONMENTAL COMPLIANCE )  
PLAN, FOR APPROVAL OF ITS AMENDED )  
ENVIRONMENTAL COST RECOVERY )  
SURCHARGE TARIFF, FOR CERTIFICATES )  
OF PUBLIC CONVENIENCE AND )  
NECESSITY, AND FOR AUTHORITY TO )  
ESTABLISH A REGULATORY ACCOUNT )**

**Case No.  
2012-00063**

**First Updated Response to Commission Staff's Initial Request for  
Information  
Dated May 21, 2012**

**First Updated Response to Kentucky Industrial Utility Customers'  
Initial Request for Information  
Dated May 21, 2012**

**FILED: June 15, 2012**

**ORIGINAL**

**BIG RIVERS ELECTRIC CORPORATION**

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION  
FOR APPROVAL OF ITS 2012 ENVIRONMENTAL COMPLIANCE PLAN,  
FOR APPROVAL OF ITS AMENDED ENVIRONMENTAL COST  
RECOVERY SURCHARGE TARIFF, FOR CERTIFICATES OF PUBLIC  
CONVENIENCE AND NECESSITY, AND FOR AUTHORITY TO  
ESTABLISH A REGULATORY ACCOUNT  
CASE NO. 2012-00063**

**First Updated Response to Commission Staff's  
Initial Request for Information  
Dated May 21, 2012**

**June 15, 2012**

1 **Item 1)** *Refer to the Application, page 7, which states that Big Rivers*  
2 *is requesting authority to establish a regulatory account. The Application*  
3 *states, “[a]s explained further in Mr. Hite’s testimony, Big Rivers has*  
4 *incurred costs in developing this Application, and it will incur additional*  
5 *costs to prosecute this case. These costs primarily stem from the retention*  
6 *of experts in the legal, regulatory, and engineering professions.” Provide*  
7 *the actual costs incurred to date by type and vendor. Consider this an*  
8 *ongoing request to be updated by the 15<sup>th</sup> of the month, to report the prior*  
9 *month’s expense, for each month up to and including the month of the*  
10 *hearing in this case.*

11

12 **Response)** Attached hereto is Big Rivers’ June 15<sup>th</sup> update for the costs incurred  
13 to-date in its Environmental Compliance Plan Application.

14

15 **Witness)** Mark A. Hit

16

**Big Rivers Electric Corporation**  
**Case No. 2012-00063**  
**Cost Incurred To-date for Environmental Compliance Plan Application**  
**Update to Big Rivers' Response to Item 1 of**  
**Commission Staff's Initial Request for Information dated May 21, 2012**

Entity/Vendor	Amount	Invoice Number	Invoice Date	Purpose/Type
Total Per Response Dated June 1, 2012	\$ 197,459.01			
Sullivan, Mountjoy, Stainback and Miller, P.S.C.	\$ 46,261.00	113,000	6/1/2012	Legal
Prime Group, LLC, The	33,599.40	Professional Services - May 2012	6/1/2012	Rate and Tariff Consultant
Total For The Remainder Of May 2012	\$ 79,860.40			
Total To-Date	\$ 277,319.41			

Note: Per Big Rivers' response to Item 1 of the Staff's Initial Request for Information, dated June 1, 2012, the estimated cost to develop and prosecute this Case is \$900,000. Big Rivers will seek to update this estimate throughout the proceeding.

**BIG RIVERS ELECTRIC CORPORATION**

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION  
FOR APPROVAL OF ITS 2012 ENVIRONMENTAL COMPLIANCE PLAN,  
FOR APPROVAL OF ITS AMENDED ENVIRONMENTAL COST  
RECOVERY SURCHARGE TARIFF, FOR CERTIFICATES OF PUBLIC  
CONVENIENCE AND NECESSITY, AND FOR AUTHORITY TO  
ESTABLISH A REGULATORY ACCOUNT  
CASE NO. 2012-00063**

**First Updated Response to the Kentucky Industrial Utility Customers'  
Initial Request for Information  
Dated May 21, 2012**

**June 15, 2012**

1 **Item 43)** *Please provide a copy of all minutes from the Company's*  
2 *Board of Directors meetings since January 2010 through the most recent*  
3 *month available. This is a continuing request and the response should be*  
4 *supplemented as each additional month is available.*

5

6 **Response)** Big Rivers objects to this request on the grounds that it is overly  
7 broad and seeks information that is irrelevant to this proceeding. Without  
8 waiving this objection, Big Rivers provides the attached presentations from Big  
9 Rivers' Board of Directors meeting of June 15, 2012.

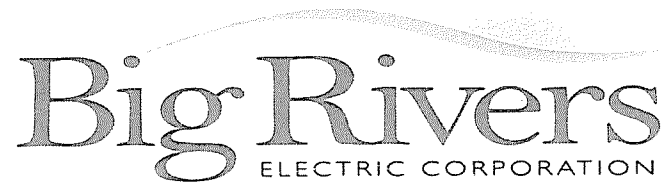
10

11

12 **Witnessed)** Robert W. Berry and Mark A. Hite

13





Your Touchstone Energy® Cooperative 

**Financial Forecast**  
**2012-2026 (15 years)**  
**Assumptions, Key Credit Metrics, and Member Rates**

Presented: June 15, 2012

## Major Assumptions

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- Financial Model is based on the ECP Build Case with updated assumptions regarding the CoBank/CFC borrowing in 2012
- Production Cost Model (“PCM”) supplied by ACES
  - Includes variable production cost, purchased power, off-system sales etc.
  - Units dispatched economically – Emissions capped at allocation plus variability limit
  - Member billing units based on Load Forecast Study
- Pricing used in ACES PCM provided by PACE Global
  - Energy, allowances, natural gas, and coal
- SEPA returns to “normal” in 2015 with rate increase of 5% every 3 years
- Non-Variable O&M costs are from the 2012-2015 Budget/Financial Plan
  - \$18 million in maintenance removed from 2012 and \$5 million removed from 2013 due to lower off-system sales price
  - Non-Variable O&M costs escalate at 3% beyond 2015
- Smelter contracts assumed to continue beyond 2023 with 2023 terms
- Member base rate increase of 3% in 2014



## Major Debt Assumptions

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- CoBank/CFC Term Loans (\$537 million) used to retire \$442 million of RUS Series A Note June 2012, fund \$60 million in routine capital, and replenish the \$35 million Transition Reserve
  - Level 20 year debt service
  - Estimated all-in effective rates – Cobank 4.24% and CFC 4.76%
- Borrow \$283.49 for ECP capital
  - Financed using bridge debt during construction (2013-2015), then 28 year level debt service
  - Interest rate 5.5%
- Refinance \$58.8 PC Bond in 2013
  - Interest rate 4.5%
  - Interest only payments - maturing 06/30/2029
- RUS Series B Note Refinanced 12/31/2023 - \$246 million
  - Borrow additional \$70 million on 12/31/2023 to replenish cash and pay down lines of credit
  - Amortize over 20 years – Interest only for first 10 years, then level debt service
  - Interest rate 6%



# Statement of Operations

(\$ in millions)

	Actual 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Electric Energy Revenues	\$558.4															
Other Operating Revenue and Income	3.6	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
<b>Total Operating Revenues</b>	<b>562.0</b>															
Operating Expense - Excluding Fuel	201.8															
Operating Expense Fuel	226.2															
Maintenance Expense	47.7															
Depreciation and Amortization	35.4	41.9	43.3	44.7	48.1	52.3	53.2	54.1	55.0	55.9	56.9	57.8	58.9	59.9	61.0	62.1
Interest Expense	45.2	43.0	47.1	46.9	49.0	61.4	60.9	60.2	59.5	56.9	54.1	52.3	51.4	50.6	52.9	51.0
Other - Net	0.1	(1.0)	(4.2)	(4.3)	(4.0)	(5.4)	(3.9)	(5.4)	(3.5)	(5.1)	(2.4)	(3.9)	(1.6)	(4.1)	(2.1)	(4.2)
<b>Total Expenses</b>	<b>556.4</b>															
<b>Net Margins</b>	<b>\$5.6</b>	<b>\$6.5</b>	<b>\$6.1</b>	<b>\$12.3</b>	<b>\$14.6</b>	<b>\$15.1</b>	<b>\$15.0</b>	<b>\$14.8</b>	<b>\$14.6</b>	<b>\$14.0</b>	<b>\$13.4</b>	<b>\$12.9</b>	<b>\$12.7</b>	<b>\$12.6</b>	<b>\$13.1</b>	<b>\$12.6</b>



# Balance Sheet

(\$ in millions)

	Actual 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
<b>Assets</b>																
Net Utility Plant	\$1,092	\$1,120	\$1,189	\$1,339	\$1,436	\$1,428	\$1,413	\$1,398	\$1,383	\$1,369	\$1,356	\$1,342	\$1,329	\$1,317	\$1,304	\$1,293
Cash & Investments	45	61	46	32	36	31	43	55	58	38	41	40	44	58	46	42
Transition Reserve	0	35	35	36	36	36	36	37	37	37	38	38	38	38	39	39
Economic Reserve	100	72	44	17	0	0	0	0	0	0	0	0	0	0	0	0
Rural Economic Reserve	63	64	65	66	59	31	3	0	0	0	0	0	0	0	0	0
Receivables, Inventories, & Other	118	174	181	177	178	181	184	185	188	190	190	194	197	201	202	206
<b>Total</b>	<b>\$1,418</b>	<b>\$1,526</b>	<b>\$1,560</b>	<b>\$1,667</b>	<b>\$1,745</b>	<b>\$1,707</b>	<b>\$1,679</b>	<b>\$1,675</b>	<b>\$1,666</b>	<b>\$1,634</b>	<b>\$1,625</b>	<b>\$1,614</b>	<b>\$1,608</b>	<b>\$1,614</b>	<b>\$1,591</b>	<b>\$1,580</b>
<b>Equities &amp; Liabilities</b>																
Equities	\$390	\$396	\$402	\$415	\$429	\$444	\$459	\$474	\$489	\$503	\$516	\$529	\$542	\$554	\$568	\$580
Debt	786	927	982	1,098	1,175	1,158	1,141	1,123	1,098	1,035	980	959	938	970	931	890
Deferred Revenue - ER & RER	162	136	109	84	59	31	3	0	0	0	0	0	0	0	0	0
Line of Credit Advances	0	0	0	0	10	0	0	0	0	15	45	40	40	0	0	15
Payables & Other	80	67	67	70	72	74	76	78	79	81	84	86	88	90	92	95
<b>Total</b>	<b>\$1,418</b>	<b>\$1,526</b>	<b>\$1,560</b>	<b>\$1,667</b>	<b>\$1,745</b>	<b>\$1,707</b>	<b>\$1,679</b>	<b>\$1,675</b>	<b>\$1,666</b>	<b>\$1,634</b>	<b>\$1,625</b>	<b>\$1,614</b>	<b>\$1,608</b>	<b>\$1,614</b>	<b>\$1,591</b>	<b>\$1,580</b>
<b>Equities / Total Capitalization</b>	<b>33%</b>	<b>30%</b>	<b>29%</b>	<b>27%</b>	<b>27%</b>	<b>28%</b>	<b>29%</b>	<b>30%</b>	<b>31%</b>	<b>33%</b>	<b>34%</b>	<b>36%</b>	<b>37%</b>	<b>36%</b>	<b>38%</b>	<b>39%</b>
<b>Equities / Total Assets</b>	<b>28%</b>	<b>26%</b>	<b>26%</b>	<b>25%</b>	<b>25%</b>	<b>26%</b>	<b>27%</b>	<b>28%</b>	<b>29%</b>	<b>31%</b>	<b>32%</b>	<b>33%</b>	<b>34%</b>	<b>34%</b>	<b>36%</b>	<b>37%</b>
<b>Debt / Total Assets</b>	<b>55%</b>	<b>61%</b>	<b>63%</b>	<b>66%</b>	<b>67%</b>	<b>68%</b>	<b>68%</b>	<b>67%</b>	<b>66%</b>	<b>63%</b>	<b>60%</b>	<b>59%</b>	<b>58%</b>	<b>60%</b>	<b>59%</b>	<b>56%</b>



# TIER

(Times Interest Earned Ratio)

	Actual 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
<b>Contract TIER</b>																
Margins	4.1	5.5	6.1	12.3	14.6	15.1	15.0	14.8	14.6	14.0	13.4	12.9	12.7	12.6	13.1	12.6
Interest Expense	47.2	44.4	49.0	54.0	59.7	61.9	61.3	60.6	59.9	57.3	54.6	52.7	51.8	51.1	53.4	51.5
Adjustment per Smelter Agreement	(0.1)	(0.1)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)
Numerator for Contract TIER	51.2	49.8	54.8	66.0	74.0	76.7	76.0	75.1	74.2	71.0	67.7	65.3	64.2	63.4	66.2	63.8
Denominator - Interest Expense	47.2	44.4	49.0	54.0	59.7	61.9	61.3	60.6	59.9	57.3	54.6	52.7	51.8	51.1	53.4	51.5
<b>Contract TIER</b>	<b>1.08</b>	<b>1.12</b>	<b>1.12</b>	<b>1.22</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>
<b>Conventional TIER</b>																
Margins	5.6	6.5	6.1	12.3	14.6	15.1	15.0	14.8	14.6	14.0	13.4	12.9	12.7	12.6	13.1	12.6
Interest Expense	45.7	43.4	49.0	54.0	59.7	61.9	61.3	60.6	59.9	57.3	54.6	52.7	51.8	51.1	53.4	51.5
Numerator for Conventional TIER	51.3	49.9	55.1	66.3	74.3	77.0	76.3	75.4	74.5	71.3	68.0	65.6	64.5	63.7	66.5	64.1
Denominator for Conventional TIER	45.7	43.4	49.0	54.0	59.7	61.9	61.3	60.6	59.9	57.3	54.6	52.7	51.8	51.1	53.4	51.5
<b>Conventional TIER</b>	<b>1.12</b>	<b>1.15</b>	<b>1.12</b>	<b>1.23</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>	<b>1.25</b>	<b>1.24</b>	<b>1.25</b>	<b>1.25</b>	<b>1.25</b>	<b>1.24</b>



# DSCR

## (Debt Service Coverage Ratio)

	Actual 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Margins	5.6	6.5	6.1	12.3	14.6	15.1	15.0	14.8	14.6	14.0	13.4	12.9	12.7	12.6	13.1	12.6
Interest Expense	45.7	43.4	49.0	54.0	59.7	61.9	61.3	60.6	59.9	57.3	54.6	52.7	51.8	51.1	53.4	51.5
Depreciation & Amortization	37.5	44.5	46.0	47.5	51.0	55.5	56.5	57.4	58.4	59.3	60.4	61.4	62.5	63.6	64.7	65.9
Numerator for DSCR	88.8	94.4	101.1	113.8	125.3	132.5	132.8	132.8	132.9	130.6	128.4	127.0	127.0	127.3	131.2	130.0
Interest Expense	45.7	43.4	49.0	54.0	59.7	61.9	61.3	60.6	59.9	57.3	54.6	52.7	51.8	51.1	53.4	51.5
Principal Due on Long-Term Debt	14.9	16.1	19.4	20.1	20.9	26.1	27.2	28.3	36.1	74.5	66.7	33.8	35.5	37.2	39.0	40.9
Denominator for DSCR	60.6	59.5	68.4	74.1	80.6	88.0	88.5	88.9	96.0	131.8	121.3	86.5	87.3	88.3	92.4	92.4
<b>Debt Service Coverage Ratio</b>	<b>1.47</b>	<b>1.59</b>	<b>1.48</b>	<b>1.54</b>	<b>1.55</b>	<b>1.51</b>	<b>1.50</b>	<b>1.49</b>	<b>1.38</b>	<b>0.99</b>	<b>1.06</b>	<b>1.47</b>	<b>1.45</b>	<b>1.44</b>	<b>1.42</b>	<b>1.41</b>

<sup>1</sup> Principal Due on Long-Term Debt is net of debt refinancing in 2012, 2013, and 2023, as Big Rivers has the ability and intent to refinance maturing obligations.



# MWh Sales

	<b>Actual 2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Rural	2,371,106	2,377,957	2,409,830	2,448,794	2,479,656	2,519,435	2,556,534	2,584,015
Large Industrial	973,093	961,547	961,546	961,547	961,547	961,547	961,547	961,547
Smelters	6,854,820	7,317,072	7,297,080	7,297,080	7,297,080	7,317,072	7,297,080	7,297,080
Off-System	3,056,106							
<b>Total Sales</b>	<b>13,255,125</b>							
	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
Rural	2,611,402	2,645,604	2,680,764	2,717,066	2,754,134	2,792,173	2,829,899	2,868,345
Large Industrial	961,547	961,547	961,547	961,547	961,547	961,547	961,547	961,547
Smelters	7,297,080	7,317,072	7,297,080	7,297,080	7,297,080	7,317,072	7,297,080	7,297,080
Off-System								
<b>Total Sales</b>								





## Off-System Sales Revenue

	Actual 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Volume (MWh's)	3,056,106															
Price (\$ / MWh)	33.38															
Off-System Sales Revenue (\$ in millions)	\$102.0															



# Rural Revenue

	Actual 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
MWh's	2,371,106	2,377,957	2,409,830	2,448,794	2,479,656	2,519,435	2,556,534	2,584,015	2,611,402	2,645,604	2,680,764	2,717,066	2,754,134	2,792,173	2,829,899	2,868,345
<u>Rural Rate (\$ per MWh)</u>																
Base Rate	43.95	50.71	50.72	52.19	52.22	52.20	52.17	52.15	52.15	52.13	52.10	52.10	52.09	52.06	52.03	52.01
Non-FAC PPA Amortization	(0.31)	(1.22)	(1.23)	(0.38)	0.17	0.28	0.37	0.41	0.46	0.32	0.59	0.48	0.93	0.62	1.33	0.72
FAC	4.46	5.08	5.46	5.95	6.36	6.80	7.24	7.86	8.45	9.33	9.94	10.62	11.50	12.42	13.30	14.02
Environmental Surcharge	2.16	2.52	3.40	3.92	4.92	7.63	7.76	7.72	7.96	7.87	8.11	8.00	8.22	8.20	8.62	8.48
Surcredits	(3.49)	(4.07)	(4.03)	(4.00)	(3.97)	(3.93)	(5.01)	(5.34)	(5.30)	(5.26)	(5.20)	(5.15)	(5.10)	(5.05)	(5.00)	(4.95)
Rebate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.32)	0.00	0.00	0.00
<u>Rate Stabilization</u>																
Economic Reserve	(6.19)	(8.71)	(8.54)	(8.07)	(5.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rural Economic Reserve	0.00	0.00	0.00	0.00	(3.45)	(11.71)	(11.19)	(1.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rate	40.58	44.31	45.78	49.61	51.18	51.27	51.34	61.78	63.72	64.39	65.54	66.05	67.32	68.25	70.28	70.28
Rural Billing (\$ in millions)	\$96.2	\$105.4	\$110.3	\$121.5	\$126.9	\$129.2	\$131.3	\$159.6	\$166.4	\$170.4	\$175.7	\$179.5	\$185.4	\$190.6	\$198.9	\$201.6
MRSM (\$ in millions)	14.7	20.7	20.6	19.8	21.1	29.5	28.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Rural Revenue (\$ in millions)	\$110.9	\$126.1	\$130.9	\$141.3	\$148.0	\$158.7	\$159.9	\$162.2	\$166.4	\$170.4	\$175.7	\$179.5	\$185.4	\$190.6	\$198.9	\$201.6



# Large Industrial Revenue

	Actual	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
MWh's	973,093	961,547	961,546	961,547	961,547	961,547	961,547	961,547	961,547	961,547	961,547	961,547	961,547	961,547	961,547	961,547	961,547
<u>Large Industrial Rate (\$ per MWh)</u>																	
Base Rate	38.78	43.64	43.64	44.95	44.96	44.95	44.95	44.94	44.95	44.95	44.95	44.95	44.95	44.95	44.95	44.95	44.95
Non-FAC PPA Amortization	(0.34)	(1.23)	(1.21)	(0.38)	0.17	0.28	0.37	0.41	0.46	0.32	0.59	0.48	0.93	0.62	1.33	0.72	
FAC	4.56	5.11	5.48	5.95	6.36	6.80	7.24	7.86	8.45	9.33	9.94	10.62	11.50	12.42	13.30	14.02	
Environmental Surcharge	2.17	2.48	2.93	3.42	4.31	6.70	6.82	6.80	7.03	6.96	7.18	7.10	7.32	7.31	7.70	7.58	
Surcredits	(3.49)	(4.16)	(4.11)	(4.00)	(3.97)	(3.93)	(5.01)	(5.34)	(5.30)	(5.26)	(5.20)	(5.15)	(5.10)	(5.05)	(5.00)	(4.95)	
Rebate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.27)	0.00	0.00	0.00
<u>Rate Stabilization</u>																	
Economic Reserve	(6.29)	(8.64)	(8.01)	(7.58)	(5.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rate	35.39	37.20	38.72	42.36	46.76	54.80	54.37	54.67	55.59	56.30	57.46	58.00	59.33	60.25	62.28	62.32	
Large Industrial Billing (\$ in millions)	\$34.4	\$35.8	\$37.2	\$40.7	\$45.0	\$52.7	\$52.3	\$52.6	\$53.5	\$54.1	\$55.3	\$55.8	\$57.0	\$57.9	\$59.9	\$59.9	
MRSM (\$ in millions)	6.1	8.3	7.7	7.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Large Industrial Revenue (\$ in millions)</b>	<b>\$40.5</b>	<b>\$44.1</b>	<b>\$44.9</b>	<b>\$48.0</b>	<b>\$49.9</b>	<b>\$52.7</b>	<b>\$52.3</b>	<b>\$52.6</b>	<b>\$53.5</b>	<b>\$54.1</b>	<b>\$55.3</b>	<b>\$55.8</b>	<b>\$57.0</b>	<b>\$57.9</b>	<b>\$59.9</b>	<b>\$59.9</b>	



# Smelter Revenue

	Actual 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
MWh's	6,854,820	7,317,072	7,297,080	7,297,080	7,297,080	7,317,072	7,297,080	7,297,080	7,297,080	7,317,072	7,297,080	7,297,080	7,297,080	7,317,072	7,297,080	7,297,080
<u>Smelter Rate (\$ per MWh)</u>																
Base Rate	34.70	39.14	39.18	40.36	40.36	40.32	40.36	40.36	40.36	40.32	40.36	40.36	40.36	40.32	40.36	40.36
Contractual Adder	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Total Base Rate	34.95	39.39	39.43	40.61	40.61	40.57	40.61	40.61	40.61	40.57	40.61	40.61	40.61	40.57	40.61	40.61
Tier Adjustment	1.95	2.95	2.95	2.95	2.65	2.57	1.06	1.47	0.62	1.01	0.49	0.69	0.00	1.12	1.30	4.54
Non-FAC PPA	(0.70)	(0.40)	(0.21)	(0.04)	0.28	0.38	0.41	0.47	0.33	0.59	0.49	0.94	0.63	1.33	0.73	1.88
FAC	4.53	5.11	5.48	5.95	6.36	6.80	7.24	7.86	8.45	9.33	9.94	10.62	11.50	12.42	13.30	14.02
Environmental Surcharge	2.18	2.48	2.66	3.14	3.94	6.11	6.23	6.22	6.41	6.40	6.58	6.57	6.69	6.82	7.03	7.14
Surcharge	1.57	1.87	1.87	1.87	1.87	1.87	2.42	2.60	2.60	2.59	2.60	2.60	2.60	2.59	2.60	2.60
Rebate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.31)	0.00	0.00	0.00
Rate	44.48	51.40	52.18	54.48	55.71	58.30	57.97	59.23	59.02	60.49	60.71	62.03	61.72	64.85	65.57	70.79
Smelter Revenue (\$ in millions)	\$304.9	\$376.1	\$380.8	\$397.5	\$406.5	\$426.6	\$423.0	\$432.2	\$430.7	\$442.6	\$443.0	\$452.6	\$450.4	\$474.5	\$478.5	\$516.6