

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

#### VIA FedEx OVERNIGHT DELIVERY

June 11, 2018

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JUN 1 2 2018

PUBLIC SERVICE COMMISSION

Ms. Gwen R. Pinson Executive Director Public Service Commission of Kentucky 211 Sower Boulevard Frankfort, KY 40601

Re:

Big Rivers Electric Corporation's Annual Financial and Statistical Report Pursuant to Administrative Case No. 387 - A Review of the Adequacy of Kentucky's Generation Capacity and Transmission System: Supplemental Responses to Item Nos. 3 and 4

Dear Ms. Pinson:

On Friday, June 8, 2018, Commission Legal Counsel advised Big Rivers that its Annual Information Filing, submitted on February 28, 2018, in the aforementioned proceeding, did not contain the table attachment for Item No. 3 and the graph attachment for Item No. 4. Big Rivers is providing an original and ten (10) copies of this supplemental filing with those attachments.

Please confirm your receipt of this supplemental filing by placing the Commission's file stamp, with date received, on the enclosed additional copy and returning it to Big Rivers in the self-addressed, postage-paid envelop provided.

Please contact me if you have any questions about these documents.

Sincerely,

Tyson Kamuf Corporate Attorney, Big Rivers Electric Corporation





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JUN 1 2 2018

PUBLIC SERVICE COMMISSION

Your Touchstone Energy® Cooperative 🔊

## COMMONWEALTH OF KENTUCKY

# BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matters of:

A REVIEW OF THE ADEQUACY OF KENTUCKY'S GENERATION CAPACITY AND TRANSMISSION SYSTEM Administrative Case No. 387

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SUPPLEMENTAL INFORMATION PROVIDED WITH BIG RIVERS' ANNUAL FINANCIAL AND STATISTICAL REPORT PURSUANT TO ADMINISTRATIVE CASE NO. 387

Supplemental Responses to Item Nos. 3 and 4

FILED: June 12, 2018



#### BIG RIVERS ELECTRIC CORPORATION

### SUPPLEMENTAL INFORMATION PROVIDED WITH BIG RIVERS' ANNUAL FINANCIAL AND STATISTICAL REPORT PURSUANT TO ADMINISTRATIVE CASE NO. 387 – A REVIEW OF THE ADEQUACY OF KENTUCKY'S GENERATION CAPACITY AND TRANSMISSION SYSTEM

#### Response to Commission Staff's Information Request as set forth in Appendix G of the Commission's Order dated December 20, 2001

#### February 28, 2018 <u>Supplemental Response</u> June 12, 2018

Actual and weather-normalized monthly coincident peak 1 Item 3) 2 demands for the just completed calendar year. Demands should be 3 disaggregated into 4 5 a. native load demand (firm and non-firm) and 6 b. off-system demand (firm and non-firm). 7 Response) Big Rivers' initial response filed on February 28, 2018, did not 8 include Table 3-G. Table 3-G is attached to this supplemental responses. 9 10 Table 3-G shows the actual and weather normalized native load demand and the off-system coincident demand for 2017. Native load is comprised 11 12 of the rural and industrial load of Big Rivers' Members. Big Rivers sells its power into the Midcontinent Independent System Operator, Inc. ("MISO") market and, 13 therefore, the off-system sales cannot be weather normalized. Off-system demand 14 is comprised of two components: forward bilateral sales which are characterized 15 as firm, and off-system sales due to generation clearing in the MISO market 16 which is in excess of Big Rivers' load. These sales are not "non-firm," rather they 17 are a result of Big Rivers' compliance with MISO tariff obligations. 18 19 **Respondent**) Marlene S. Parsley 20

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Administrative Case No. 387 <u>Supplemental</u> Response to Appendix G Item 3 Respondent: Marlene S. Parsley Page 1 of 1

# Big Rivers Electric Corporation Administrative Case No. 387 Table 3-G Native Peak and Off-System Sales Weather Normalized

# Total Native Load and Off-Sytem Coincident Peak Demands<sup>1</sup> (MW)

	Native Load All Firm Peak Demand Weather			Off-System Sales Off-System Demand		
Month	Peak Date	Actual	Normalized	Firm <sup>3</sup>	Sales to MISO <sup>2</sup>	Non-Firm
Jan-17	01/07/17	609	589	500	333	0
Feb-17	02/10/17	521	619	500	488	0
Mar-17	03/16/17	525	540	500	529	0
Apr-17	04/29/17	429	387	300	217	0
May-17	05/31/17	491	530	500	· <b>O</b>	· 0
Jun-17	06/14/17	587	599	600	529	0
Jul-17	07/26/17	634	655	500	151	0
Aug-17	08/21/17	575	623	500	380	0
Sep-17	09/21/17	563	562	500	665	0
Oct-17	10/04/17	463	465	500	463	0
Nov-17	11/22/17	488	485	500	286	0
Dec-17	12/28/17	591	561	500	102 <sup>4</sup>	.0

Notes -

1.- Native Load includes Transmission Losses

2.- Sales to MISO at generator nodes

3.- Off System Firm Sales are Pre-arranged bilateral sales, mostly occurring at MISO's Indiana Hub

4.- December off-system sales subject to slight change due to meter corrections

Administrative Case No. 387 Attachment for <u>Supplemental</u> Response to Appendix G - Item 3 Respondent: Marlene S. Parsley Page 1 of 1

#### **BIG RIVERS ELECTRIC CORPORATION**

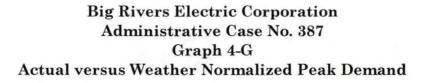
### SUPPLEMENTAL INFORMATION PROVIDED WITH BIG RIVERS' ANNUAL FINANCIAL AND STATISTICAL REPORT PURSUANT TO ADMINISTRATIVE CASE NO. 387 – A REVIEW OF THE ADEQUACY OF KENTUCKY'S GENERATION CAPACITY AND TRANSMISSION SYSTEM

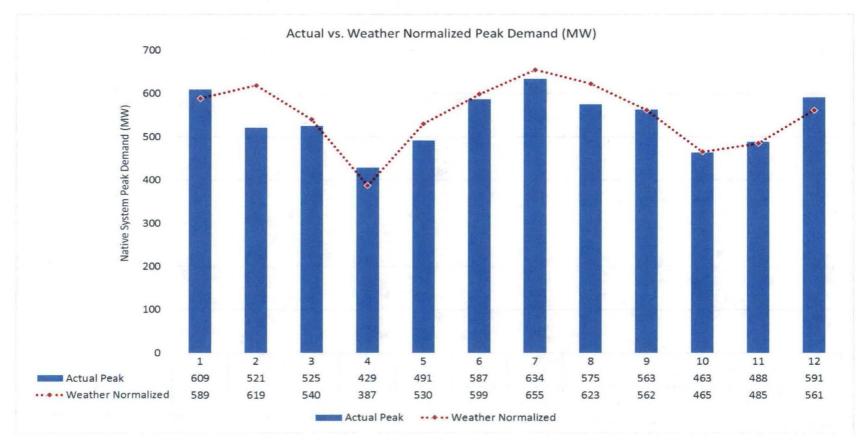
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February 28, 2018 <u>Supplemental Response</u> June 12, 2018

1 Item 4) Load shape curves that show actual peak demands and 2 weather-normalized peak demands (native load demand and total 3 demand) on a monthly basis for the just completed calendar year. 4 5 Response) Big Rivers' initial response filed on February 28, 2018, did not 6 include Graph 4-G. Graph 4-G is attached to this supplemental responses. 7 Graph 4-G shows the monthly native load demand with the monthly 8 weather normalized native load demand for 2017. 9 10 11 **Respondent**) Marlene S. Parsley 12

> Administrative Case No. 387 <u>Supplemental</u> Response to Appendix G Item 4 Respondent: Marlene S. Parsley Page 1 of 1





Administrative Case No. 387 Attachment for <u>Supplemental</u> Response to Appendix G - Item 4 Respondent: Marlene S. Parsley Page 1 of 1