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May 17, 2018

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**PUBLIC SERVICE
COMMISSION**

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

**RE: *The 2017 Integrated Resource Plan of Big Rivers Electric Corporation –
Case No. 2017-00384***

Dear Ms. Pinson:

Big Rivers has discovered that the MISO Region Map, Figure 9.1, is missing from p. 151 of its 2017 Integrated Resource Plan ("IRP") which was filed on September 21, 2017 ("the September 21, filing"). Big Rivers hereby files an original and ten (10) copies of p. 151 with the MISO Region Map. Big Rivers has found no further missing figures or maps in its September 21 filing.

Please confirm the Commission's receipt of this replacement p. 151 by placing the Commission's file stamp on the enclosed additional copy and returning it in the pre-addressed, postage-paid envelope provided.

I certify that on this date, a copy of this filing was sent by first class U.S. mail to those persons listed on the attached service list.

Sincerely,

A handwritten signature in blue ink, appearing to read "TK" or "Tyson Kamuf".

Tyson Kamuf
Corporate Attorney, Big Rivers Electric Corporation

cc: Service List
Hon James M. Miller

BIG RIVERS ELECTRIC CORPORATION

**THE 2017 INTEGRATED RESOURCE PLAN OF
BIG RIVERS ELECTRIC CORPORATION
CASE NO. 2017-00384**

Service List

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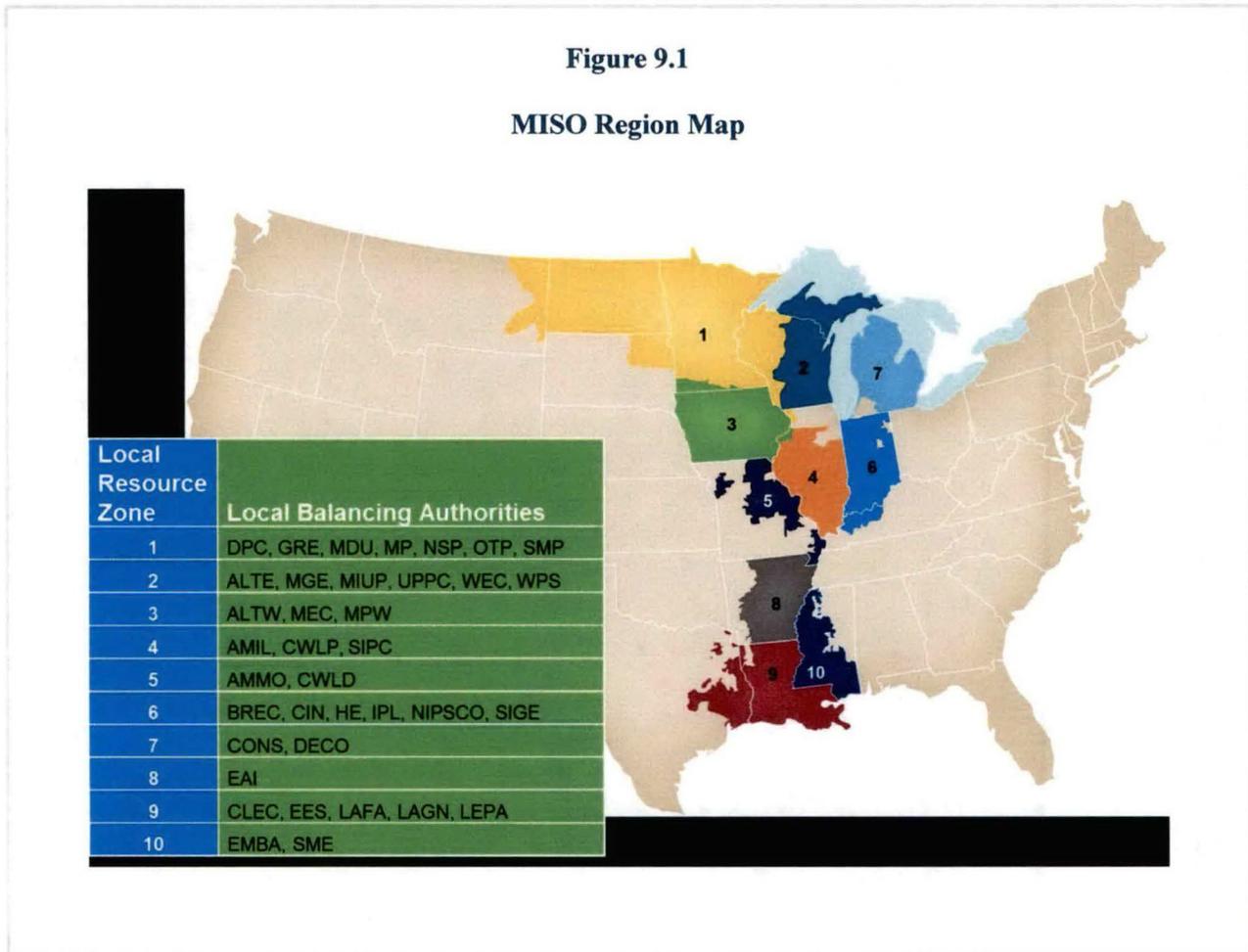
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Capacity Export Limits (CEL). The results of the study and its deliverables supply inputs to the MISO Planning Resource Auction, including the local Planning Reserve Margin requirement.

Big Rivers is located in MISO’s regional zone 6, along with entities in Indiana, as shown in Figure 9.1.



In accordance with the MISO tariff, the reliability objective of a LOLE study is to determine a minimum PRM that would result in the MISO system experiencing a less than one day loss of load event every ten (10) years. The MISO analysis for 2017 shows that the system would achieve this reliability level when the amount of installed capacity available is 1.158 times that of the MISO system coincident peak. This equates to a 15.8% Planning Reserve Margin requirement for 2017/2018 based on installed capacity (ICAP) per unit Local Reliability Requirements of Local Resource Zone Peak Demand.