COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

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ELECTRONIC APPLICATION OF BIG RIVERS)
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ELECTRIC CORPORATION FOR APPROVAL)
TO MODIFY ITS MRSM TARIFF, CEASE) Case No.
DEFERRING DEPRECIATION EXPENSES,) 2020-00064
ESTABLISH REGULATORY ASSETS,)
AMORTIZE REGULATORY ASSETS, AND)
OTHER APPROPRIATE RELIEF)

RESPONSE OF KENTUCKY INDUSTRIAL UTILITY CUSTOMERS, INC. TO POST INFORMAL CONFERENCE DATA REQUEST

Q.1 During the May 14, 2020 Informal Conference Commission Staff made the following Data Request to KIUC: Please provide the revenue neutral redesign of the Large Industrial Class (LIC) rate using the financials approved by the Commission in the most recent Big Rivers base rate case (Case No. 2013-00199). This request was noted in Staff's Informal Conference Memorandum filed May 15, 2020.

RESPONSE: Attached are three exhibits.

First is Baron Exhibit (SJB-2) attached to Mr. Baron's Direct Testimony in this case. It shows that the cost-ofservice based energy rate from Case No. 2013-00199 is \$33.267/MWh. This finding is discussed on page 12, line 2 of Mr Baron' Direct Testimony.

Second is the revenue neutral redesign of the LIC rate using the financials and billing determinants from the 2013 rate case. Starting with the cost-based energy rate of \$33.267/MWh yields a cost-based demand charge of 13.406/KW/month. Compared to the currently approved rates, this is a \$4.78/MWh (12.6%) reduction in the LIC energy charge and a \$2.69/KW/month (25.1%) increase in the LIC demand charge.

Third is a bill impact analysis for the 21 LIC customers. The Economic Development load that receives a 90% demand charge reduction is maintained on the existing rate design. The Fossil Fuel customers (primarily coal mines) are highlighted in red. Please note the very low load factors for many of these customers.

Respectfully submitted,

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