



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

September 26, 2019

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SEP 27 2019

Ms. Gwen R. Pinson
Executive Director
Public Service Commission
211 Sower Boulevard, P.O. Box 615
Frankfort, Kentucky 40602-0615

PUBLIC SERVICE
COMMISSION

Re: *In the Matter of: Application of Big Rivers Electric Corporation for a Certificate of Public Convenience and Necessity to Construct a 161 kV Transmission Line, and a 345 kV Transmission Line in Meade County, Kentucky – Case No. 2019-00270*

Dear Ms. Pinson:

Enclosed for filing pursuant to 807 KAR 5:120 are (a) an original and six (6) copies of the Application of Big Rivers Electric Corporation for a certificate of public convenience and necessity in the aforementioned docket and (b) three sets of maps showing the location of the proposed transmission lines.

Please feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "TK", is positioned above the typed name.

Tyson Kamuf
Corporate Attorney
Big Rivers Electric Corporation
tkamuf@bigriverson.com

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SEP 27 2019

**PUBLIC SERVICE
COMMISSION**



Your Touchstone Energy® Cooperative 

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

**APPLICATION OF)
BIG RIVERS ELECTRIC CORPORATION)
FOR A CERTIFICATE OF PUBLIC)
CONVENIENCE AND NECESSITY TO)
CONSTRUCT A 161 KV TRANSMISSION)
LINE, AND A 345 KV TRANSMISSION)
LINE IN MEADE COUNTY, KENTUCKY)**

**Case No.
2019-00270**

APPLICATION

and

APPLICATION EXHIBITS

FILED: September 27, 2019

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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5 In the Matter of:

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7	APPLICATION OF BIG RIVERS ELECTRIC)	
8	CORPORATION FOR A CERTIFICATE OF)	
9	PUBLIC CONVENIENCE AND NECESSITY)	Case No.
10	TO CONSTRUCT A 161 KV TRANSMISSION)	2019-00270
11	LINE, AND A 345 KV TRANSMISSION LINE)	
12	IN MEADE COUNTY, KENTUCKY)	

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APPLICATION

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1. Big Rivers Electric Corporation ("Big Rivers") files this application

("Application") pursuant to KRS 278.020, 807 KAR 5:001 Section 19, and 807 KAR

5:120, seeking either (i) a finding that no certificate of public convenience and

necessity ("CPCN") is required for the construction of a 161 kV transmission line

circuit, a 345 kV transmission line circuit, and related substations in Meade

County, Kentucky; or (ii) a CPCN for any of the projects that the Commission

determines require a CPCN. In support of this Application, Big Rivers states as

follows.

Introduction

2. As discussed in the Direct Testimony of Michael W. Chambliss,

attached hereto as Exhibit A, Big Rivers proposes to construct the seven

transmission line or transmission substation projects listed below.

- 1 • Project A An 8.8 mile, 161 kV transmission line circuit will be added from
2 Meade County Substation to Otter Creek Substation. This circuit will be
3 built above the existing 69 kV Garrett transmission line.
- 4 • Project B An 8.6 mile, 345 kV transmission line circuit will be added from
5 Otter Creek Substation to Brandenburg Steel Mill ("BSM") Substation. This
6 circuit will be built above the existing 69 kV transmission lines extending
7 from Garrett Substation to Buttermilk Falls Substation.
- 8 • Project C A 161 kV line terminal will be constructed completely within the
9 existing Meade County Substation.
- 10 • Project D The greenfield 345/161 kV Otter Creek Substation will be built
11 north of the intersection of Joe Prather Highway (KY-313) and Garrett Road
12 (KY 1238).
- 13 • Project E The greenfield 345/34.5 kV BSM Substation will be built
14 adjacent to, and will serve as the delivery point for, the new Nucor Corp.
15 ("Nucor") steel mill discussed below.
- 16 • Project F The greenfield 345 kV Redmon Road Switching Station will be
17 built just south of US Highway 60 (Owensboro Highway) at Joe Prather
18 Highway. This project will be included in a separate CPCN application for
19 Project G.
- 20 • Project G A 2.5 mile, 345 kV transmission line will be constructed from
21 Redmon Road Switching Station to Otter Creek Substation. This line will be

1 built over new right-of-way and will be covered under a separate CPCN
2 application.

3 All proposed facilities will be located in Meade County, Kentucky. 807 KAR 5:120
4 Sections 2(1)(b); 807 KAR 5:001 Section 15(2)(c).

5 3. As the all-requirements wholesale supplier for Meade County Rural
6 Electric Cooperative Corporation ("Meade County RECC"), one of Big Rivers' three
7 distribution cooperative members, Big Rivers is obligated to provide Meade County
8 RECC, with adequate voltage levels and acceptable facility loadings under all
9 normal and single contingency conditions. The proposed construction projects are
10 needed to enable Big Rivers to fulfill that obligation in light of projected load growth
11 in the Meade County area, including the new \$1.35 billion steel plate
12 manufacturing mill that Nucor will build in Meade County, and other load growth
13 that is likely as a result of the new Nucor facility. Nucor projects that the new steel
14 mill will create more than 2000 construction jobs and more than 400 full-time jobs.
15 The proposed construction projects will also provide Big Rivers the ability to
16 enhance reliability to existing retail members of Big Rivers' Members. 807 KAR
17 5:120 Section 2(1)(b); 807 KAR 5:001 Section 15(2)(c).

18 4. Due to the length and voltage of the Project G transmission line, KRS
19 278.020 will require Big Rivers to obtain a CPCN for its construction. However,
20 Project G and its associated switching station, Project F, are still in the planning
21 stages, and because of the need to begin construction on the other projects, Big
22 Rivers is filing this application now and will file a separate CPCN application with

1 the Commission for the Project G transmission line and Project F switching station
2 at a later date.

3 5. Big Rivers does not believe the other projects require a CPCN, and Big
4 Rivers is seeking a finding from the Commission that no CPCN is required for those
5 projects. The authority of the Commission to issue such a finding is found in 807
6 KAR 5:001 Section 19. 807 KAR 5:120 Section 2(1)(a); 807 KAR 5:001 Section 14(1).

7 6. If the Commission disagrees that no CPCN is required, then Big Rivers
8 requests in the alternative that the Commission grant a CPCN for any of the
9 projects that the Commission determines require a CPCN. The authority of the
10 Commission to grant CPCNs is found in KRS 278.020. 807 KAR 5:120 Section
11 2(1)(a); 807 KAR 5:001 Section 14(1).

12 **Filing Requirements**

13 7. The applicant, Big Rivers Electric Corporation, is a rural electric
14 cooperative corporation organized pursuant to KRS Chapter 279. Its mailing
15 address is P.O. Box 24, Henderson, Kentucky 42419-0024. Its street address is 201
16 Third Street, Henderson, Kentucky 42420. Its address for electronic mail service is
17 regulatory@bigrivers.com. 807 KAR 5:120 Section 2(1)(a); 807 KAR 5:001 Section
18 14(1).

19 8. Big Rivers owns generating assets and purchases, transmits and sells
20 electricity at wholesale. Its principal purpose is to provide the wholesale electricity
21 requirements of its three distribution cooperative members: Jackson Purchase
22 Energy Corporation, Kenergy Corp. ("Kenergy"), and Meade County RECC

1 (collectively, the "Members"). The Members in turn provide retail electric service to
2 approximately 117,000 consumer/retail members located in 22 western Kentucky
3 counties: Ballard, Breckenridge, Caldwell, Carlisle, Crittenden, Daviess, Graves,
4 Grayson, Hancock, Hardin, Henderson, Hopkins, Livingston, Lyon, Marshall,
5 McCracken, McLean, Meade, Muhlenberg, Ohio, Union and Webster.

6 9. Big Rivers was incorporated in the Commonwealth of Kentucky on
7 June 14, 1961, and hereby attests that it is currently in good standing in Kentucky.
8 807 KAR 5:120 Section 2(1)(a); 807 KAR 5:001 Section 14(2).

9 10. A table of each regulatory requirement for this filing, cross-referenced
10 to the location in this Application where that requirement is satisfied, is attached
11 hereto as Exhibit B.

12 Description of the Projects

13 11. Three copies of the proposed route maps, with a scale of one inch
14 equals 1000 feet, and showing the location of the proposed construction, are hereby
15 filed with the Commission along with this Application. 807 KAR 5:120 Section 2(2).

16 12. The proposed construction projects are required for the public
17 convenience and necessity. The additional transmission facilities will allow
18 acceptable service to be provided to Meade County RECC in light of expected load
19 growth in its service territory due to the new steel mill as well as other growth that
20 is likely to result from such a large economic development project. The new
21 construction will also enhance reliability for existing retail members. Additionally,
22 Big Rivers anticipates a return on its investment that could serve as an offset to

1 future rate increases for Big Rivers' Members. 807 KAR 5:120 Section 2(1)(b); 807
2 KAR 5:001 Section 15(2)(a).

3 13. The two transmission line projects that are the subject of this
4 application (Projects A and B) involve adding new circuits to existing transmission
5 lines as well as the replacement of existing poles. Due to the opportunity to utilize
6 existing rights-of-way and to simply add circuits to existing transmission lines, Big
7 Rivers did not consider alternate routes for Projects A and B. Big Rivers did
8 consider alternate routes for project G, which Big Rivers will discuss when it files
9 its application seeking a CPCN for that project. 807 KAR 5:120 Section 2(2)(c).

10 14. As noted above, Projects A and B will involve the replacement of
11 existing poles. The new poles will typically be constructed using monopole steel
12 structures for tangent structures, and three-pole steel for angle structures and large
13 angled dead-end structures. Conventional construction equipment will be used to
14 frame and install the poles. The electrical conductors will then be strung, dead-
15 ended, and clipped-in using conventional equipment and processes. Sketches of
16 proposed typical structures are attached hereto as Exhibit C. 807 KAR 5:120
17 Sections 2(1)(b), (2)(b); 807 KAR 5:001 Section 15(2)(c).

18 15. The proposed construction is currently expected to be financed by Big
19 Rivers through the Rural Utilities Service of the United States Department of
20 Agriculture (the "RUS"). The total cost of the five substation and transmission line
21 projects that are the subject of this application, including the purchase price of the
22 necessary property rights for the substations, is estimated to be \$64.8 million. In

1 addition, Projects F and G, which will be the subject of a separate CPCN
2 application, are expected to cost \$15.2 million. The estimated cost of operation of
3 the new construction, including the cost of taxes and operation and maintenance,
4 based on historical averages, of 20 miles of transmission line and the substation
5 additions, is approximately \$248,000 per year. The construction of these projects by
6 Big Rivers does not involve sufficient capital outlay to materially affect the existing
7 financial condition of Big Rivers. The proposed construction will not result in any
8 increased retail rates to the retail customers of a Big Rivers Member; however, the
9 construction costs will result in higher rates for transmission service on Big Rivers'
10 system under MISO's Open Access Transmission Tariff. 807 KAR 5:120 Sections
11 2(1)(b), (7); 807 KAR 5:001 Section 15(2)(e)-(f).

12 16. Big Rivers has not yet obtained any permits for the proposed
13 construction, but any permits from public authorities required for the construction
14 of the transmission lines and substations will be obtained prior to commencing
15 construction. 807 KAR 5:120 Section 2(1)(b); 807 KAR 5:001 Section 15(2)(b).

16 17. The proposed construction will not compete with any other public
17 utilities, corporations, or persons. 807 KAR 5:120 Section 2(1)(b); 807 KAR 5:001
18 Section 15(2)(c).

19 **Notice of Proposed Construction**

20 18. Big Rivers has sent by first-class mail to each property owner over
21 whose property the proposed transmission line circuits are proposed to cross,
22 addressed to the property owner at the owner's address as indicated by the county

1 property valuation administrator records, or has hand-delivered, notice of the
2 proposed construction stating:

- 3 (a) The Commission case number under which this Application will be
4 processed and a map showing the proposed routes of the lines;
- 5 (b) The address and telephone number of the Executive Director of the
6 Commission;
- 7 (c) A description of his or her rights to request a local public hearing and to
8 request to intervene in the case; and
- 9 (d) A description of the project.

10 807 KAR 5:120 Section 2(3). A sample copy of the notice letter is attached hereto as
11 Exhibit D. A list of the names and addresses of the property owners to whom Big
12 Rivers sent the notices is attached hereto as Exhibit E. 807 KAR 5:120 Section 2(4).

13 19. A notice of intent to construct these transmission lines was published
14 in the *Brandenburg-Meade County Messenger*, a newspaper of general circulation in
15 Meade County. The notice included:

- 16 (a) A map showing the proposed routes;
- 17 (b) A statement of the right to request a local public hearing; and
- 18 (c) A statement that interested persons have the right to request to
19 intervene.

20 807 KAR 5:120 Section 2(5). A copy of the newspaper notice is attached hereto as
21 Exhibit F. 807 KAR 5:120 Section 2(6).

Requested Relief

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2 20. Big Rivers believes Projects A through E are ordinary extensions of Big
3 Rivers’ existing transmission system in the usual course of business for which no
4 CPCN is required under KRS 278.020(1)(a)(2).

5 21. KRS 278.020(2) provides that “ordinary extensions of existing systems
6 in the usual course of business not requiring such a certificate shall include: (a) The
7 replacement or upgrading of any existing electric transmission line” Projects A
8 and B involve the upgrading of existing transmission lines through the overbuilding
9 of the existing lines by adding a circuit, and therefore do not require a CPCN.

10 22. Additionally, 807 KAR 5:001 Section 15(3) provides:

11 A certificate of public convenience and necessity shall not be required
12 for extensions that do not create wasteful duplication of plant,
13 equipment, property, or facilities, or conflict with the existing
14 certificates or service of other utilities operating in the same area and
15 under the jurisdiction of the [C]ommission that are in the general or
16 contiguous area in which the utility renders service, and that do not
17 involve sufficient capital outlay to materially affect the existing
18 financial condition of the utility involved, or will not result in increased
19 charges to its customers.

20 As discussed above, Projects A through E satisfy these criteria, and therefore do not
21 require a CPCN.

22 23. As such, Big Rivers requests a finding from the Commission pursuant
23 to 807 KAR 5:001 Section 19 that no CPCN is required for Projects A through E.
24 807 KAR 5:001 Section 19(2)(e).

25 24. Alternatively, Big Rivers requests a CPCN pursuant to KRS 278.020
26 for any of the projects that the Commission determines require a CPCN. Further,
27 in the event the Commission determines any of the substations require a CPCN, Big

1 Rivers requests the authority to move the substations from the locations shown on
2 the maps filed with this Application so long as the substations are not moved onto
3 different property owners.

4 WHEREFORE, Big Rivers requests that the Commission issue an order
5 granting it the relief requested in this Application, and all other relief to which it
6 may be entitled.

7 On this the ^{26th} ~~27th~~ day of September, 2019.

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Respectfully submitted,

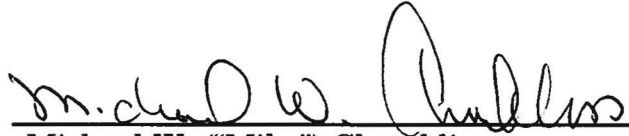


Tyson Kamuf
Corporate Attorney
Big Rivers Electric Corporation
201 Third Street
P.O. Box 24
Henderson, Kentucky 42419-0024
Phone: (270) 827-2561
Facsimile: (270) 844-6417
tyson.kamuf@bigrivers.com

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VERIFICATION

I, Michael W. ("Mike") Chambliss, Vice President, System Operations for Big Rivers Electric Corporation, hereby state that I have read the foregoing Application and that the statements contained therein are true and correct to the best of my knowledge and belief, on this the 26th day of September, 2019.



Michael W. ("Mike") Chambliss
Vice President, System Operations
Big Rivers Electric Corporation

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COMMONWEALTH OF KENTUCKY)
COUNTY OF HENDERSON)

SUBSCRIBED AND SWORN to before me by Michael W. ("Mike") Chambliss, as Vice President, System Operations for Big Rivers Electric Corporation, on this the 26th day of September, 2019.



Notary Public, Kentucky State at Large

My Commission Expires October 31, 2020

Notary ID: 566717

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Filing
CONTAINS
LARGE OR OVERSIZED
MAP(S)

RECEIVED ON:
(09/27/2019)

ORIGINAL



Your Touchstone Energy® Cooperative 

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

**APPLICATION OF)
BIG RIVERS ELECTRIC CORPORATION)
FOR A CERTIFICATE OF PUBLIC)
CONVENIENCE AND NECESSITY TO)
CONSTRUCT A 161 KV TRANSMISSION)
LINE, AND A 345 KV TRANSMISSION)
LINE IN MEADE COUNTY, KENTUCKY)**

**Case No.
2019-00270**

DIRECT TESTIMONY

OF

**MICHAEL W. CHAMBLISS
VICE PRESIDENT OF SYSTEM OPERATIONS**

ON BEHALF OF

BIG RIVERS ELECTRIC CORPORATION

FILED: September 27, 2019

Application Exhibit A

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DIRECT TESTIMONY
OF
MICHAEL W. CHAMBLISS

I. INTRODUCTION

Q. Please state your name, your position, and give a summary of your education and work experience.

A. My name is Michael W. Chambliss. My position with Big Rivers Electric Corporation ("Big Rivers") is Vice President of System Operations. I graduated from the University of Southern Indiana with a Bachelor of Science in Business Administration and from Oakland City University with a Master of Science in Management. In my 35-year career at Vectren Corporation, I served in various positions in the operations area, including roles in the transmission and energy delivery division of the organization, along with serving on multiple Midcontinent Independent System Operator ("MISO") transmission committees. I served as a District Manager, General Foreman of Substation Construction and Maintenance, Supervisor of Protective Relays and Gas Turbines, Electrical Maintenance Foreman and Director Network Operations. I was employed by Big Rivers in my current position as Vice President System Operations in January 2014.

1 **Q. Have you previously testified before the Kentucky Public Service**
2 **Commission (“Commission”)?**

3 **A. Yes. I testified before the Commission in *In the Matter of: Joint Application***
4 ***of Kenergy Corp. and Big Rivers Electric Corporation for Approval of***
5 ***Contracts*, PSC Case No. 2016-00117 and *In the Matter of: Application of Big***
6 ***Rivers Electric Corporation for Enforcement of Rate and Service Standards*,**
7 **PSC Case No. 2019-00269.**

8 **II. BACKGROUND**

9 **Q. Please explain why you are filing testimony in this proceeding.**

10 **A. I am filing this testimony in support of Big Rivers’ application (“Application”)**
11 **for a finding that no certificate of public convenience and necessity (“CPCN”)**
12 **is required for the construction of certain transmission system improvements**
13 **necessary to provide wholesale electric service to Meade County Rural**
14 **Electric Cooperative Corporation (“Meade County RECC”) in light of the load**
15 **growth anticipated in the Meade County area resulting from the recently**
16 **announced Nucor Corp. (“Nucor”) steel mill at the Buttermilk Falls Industrial**
17 **Park in Brandenburg, Kentucky. I also support Big Rivers’ alternate request**
18 **for a CPCN for any project that the Commission determines requires a**
19 **CPCN.**

1 **III. NEED FOR THE TRANSMISSION SYSTEM IMPROVEMENTS**

2 **Q. Please describe the proposed transmission system improvements.**

3 **A. There are seven transmission system construction improvements needed to**
4 **provide electric service to Meade County RECC:**

5 • Project A: An 8.8 mile, 161 kV transmission line circuit will be added

6 from Meade County Substation to Otter Creek Substation. This circuit

7 will be built above the existing 69 kV Garrett transmission line.

8 • Project B: An 8.6 mile, 345 kV transmission line circuit will be added

9 from Otter Creek Substation to Brandenburg Steel Mill ("BSM")

10 Substation. This circuit will be built above the existing 69 kV

11 transmission lines extending from Garrett Substation to Buttermilk Falls

12 Substation.

13 • Project C: A 161 kV line terminal will be constructed completely within the
14 existing Meade County Substation.

15 • Project D: The greenfield 345/161 kV Otter Creek Substation will be built

16 north of the intersection of Joe Prather Highway (KY-313) and Garrett

17 Road (KY 1238).

18 • Project E: The greenfield 345/34.5 kV BSM Substation will be built

19 adjacent to, and will serve as the delivery point for, the new Nucor steel

20 mill.

1 • Projects F and G: The greenfield 345 kV Redmon Road Switching Station
2 will be built just south of US Highway 60 (Owensboro Highway) at Joe
3 Prather Highway (Project F), and a 2.5 mile, 345 kV transmission line will
4 be constructed from Redmon Road Switching Station to Otter Creek
5 Substation (Project G). This line will be built over new right-of-way and
6 will be covered under a separate CPCN application.

7

8 **Q. Are any interstate benefits expected to be achieved by the**
9 **construction projects?**

10 A. Yes. The construction projects are needed not only to serve the new Nucor
11 facility, but they will also enable Big Rivers and Meade County RECC to
12 provide electric service to other new and expanded loads in the Meade County
13 area, as well provide the ability to enhance reliability to existing members.
14 Because of the size of the Nucor facility and the number of jobs Nucor
15 anticipates creating, additional load growth in the area is a given. The
16 construction projects will additionally strengthen the transmission system.

17

18 **Q. Why does Big Rivers believe no CPCN is required for Projects A-E?**

19 A. Project A through E do not require a CPCN because the investment required
20 is insufficient to cause a material financial impact to Big Rivers and will not
21 result in increased electric service rates to retail customers on the Big Rivers

1 system. Customers who pay for transmission service on Big Rivers' system
2 will pay increased transmission charges as a result of the increased
3 investment on the transmission system, but the construction will not cause
4 changes in Big Rivers' wholesale electric service rates or the retail electric
5 service rates of its Members.
6

7 **Q. Why is Big Rivers filing this application now, rather than waiting to**
8 **include Projects F and G, or waiting for Commission of the wholesale**
9 **and retail electric service agreements for the Nucor facility?**

10 **A.** Because the long lead times on ordering certain of the required materials, Big
11 Rivers needs to begin construction as soon as possible on the other projects to
12 meet Nucor's desired timeline. Filing this application now will enable Big
13 Rivers to meet that timeline.
14

15 **Q. Have the necessary parties executed the Nucor-related wholesale**
16 **and retail electric service agreements?**

17 **A.** Yes. Those agreements are subject to the approval of both the Commission
18 and the United States Department of Agriculture's Rural Utilities Service
19 ("RUS"). Big Rivers and Meade County RECC are in the process of preparing
20 an application to the Commission for approval of the contracts, and will file
21 that application with the Commission in the near future.

1 **Q. What happens if the Commission or RUS does not approve the**
2 **wholesale or retail electric service agreement?**

3 A. Because of the long lead time on certain of the projects, Big Rivers informed
4 Nucor that in order to meet Nucor's desired construction timeline, Big Rivers
5 would have to begin incurring costs prior to receiving all approvals of the
6 wholesale and retail electric service agreements. To do this, Big Rivers would
7 need Nucor to reimburse Big Rivers in the event the electric service
8 agreements were not approved. Nucor agreed to reimburse Big Rivers for its
9 actual costs incurred, up to \$3,500,000 in the event the electric service
10 agreements are not approved and consummated.

11

12 **Q. What is the estimated construction cost for the projects?**

13 A. Big Rivers estimates that the total construction costs for Projects A through
14 E will be \$64.8 million. In addition, Big Rivers estimates that the total
15 construction costs for Projects F and G, which will be the subject of a separate
16 CPCN application, will be \$15.2 million.

17

18 **Q. Will Big Rivers finance the construction costs?**

19 A. Big Rivers continues to investigate the best source of financing for the
20 construction costs, but Big Rivers believes it is likely that it will seek

1 financing for the projects from RUS. However, Big Rivers may utilize its
2 cash reserves.

3
4 **Q. How will Big Rivers recover the construction costs?**

5 A. The construction costs will be an input into the MISO Attachment O formula
6 rate for transmission service on Big Rivers' system under MISO's Open
7 Access Transmission Tariff.

8 **IV. CONCLUSION**

9 **Q. What action by the Commission does Big Rivers seek in this**
10 **proceeding?**

11 A. Big Rivers requests that the Commission find that that no CPCN is required
12 for Projects A – E. Alternatively, Big Rivers requests that the Commission
13 find that the public convenience and necessity require the construction by Big
14 Rivers of any of the projects for which the Commission determines a CPCN is
15 required, and issue a CPCN to that end. Additionally, in the event the
16 Commission finds that any of the substations require a CPCN, Big Rivers
17 requests flexibility to move the substations from the locations shown on the
18 maps filed with the Application so long as a substation is not moved onto a
19 different property owner.

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1 **Q. Does this conclude your testimony?**

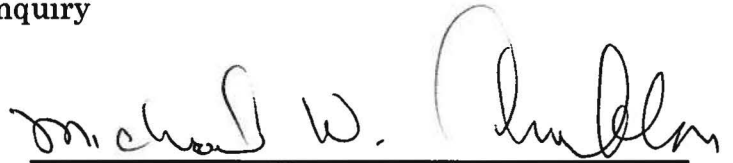
2 **A. Yes.**

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BIG RIVERS ELECTRIC CORPORATION
APPLICATION OF
BIG RIVERS ELECTRIC CORPORATION
FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY
TO CONSTRUCT A 161 KV TRANSMISSION LINE, AND A 345 KV
TRANSMISSION LINE IN MEADE COUNTY, KENTUCKY
CASE NO. 2019-00270

VERIFICATION

I, Michael W. ("Mike") Chambliss, verify, state, and affirm that I prepared or supervised the preparation of the Direct Testimony filed with this Verification, and that Direct Testimony is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry



Michael W. ("Mike") Chambliss

COMMONWEALTH OF KENTUCKY)
COUNTY OF HENDERSON)

SUBSCRIBED AND SWORN TO before me by Michael W. ("Mike") Chambliss on this the 26th day of September, 2019.



Notary Public, Kentucky State at Large

My Commission Expires October 31, 2020

Notary ID: 566717



Big Rivers Electric Corporation
Case No. 2019-00270
References for Compliance with Regulatory Requirements

Regulation	Filing Requirement	Location in Application
807 KAR 5:120 Section 1	Notice of intent to file application.	Big Rivers filed its notice of intent on July 31, 2019.
807 KAR 5:120 Section 2(1)	All documents and information required by: (a) 807 KAR 5:001 Section 14, except the applicant shall file an original and six copies of the application; and (b) 807 KAR 5:001 Section 15(2)(a) through (c) and (e) through (f).	See below; original and six copies of Application filed
807 KAR 5:120 Section 2(2)(a)	Three (3) maps of suitable scale, but no less than one (1) inch equals 1,000 feet for the project proposed.	Filed with the Application
807 KAR 5:120 Section 2(2)(b)	Sketches of proposed typical transmission line support structures shall also be provided.	Exhibit C
807 KAR 5:120 Section 2(2)(c)	A separate map of the same scale shall show any alternative routes that were considered.	N/A. See Application ¶ 13
807 KAR 5:120 Section 2(3)	A verified statement that each property owner properly notified.	Application ¶ 18
807 KAR 5:120 Section 2(4)	A sample copy of the property owner notice.	Exhibit D
807 KAR 5:120 Section 2(4)	A list of the names and addresses of the property owners to whom the notice has been sent.	Exhibit E
807 KAR 5:120 Section 2(5)	A statement that a notice was properly published.	Application ¶ 19
807 KAR 5:120 Section 2(6)	A copy of the newspaper notice.	Exhibit F
807 KAR 5:120 Section 2(7)	A statement as to whether the project involves sufficient capital outlay to materially affect the existing financial condition of the utility involved.	Application ¶ 15
807 KAR 5:001 Section 14(1)	The full name, mailing address, and electronic mail address of the applicant.	Application ¶ 7

Big Rivers Electric Corporation

Case No. 2019-00270

References for Compliance with Regulatory Requirements

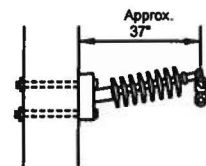
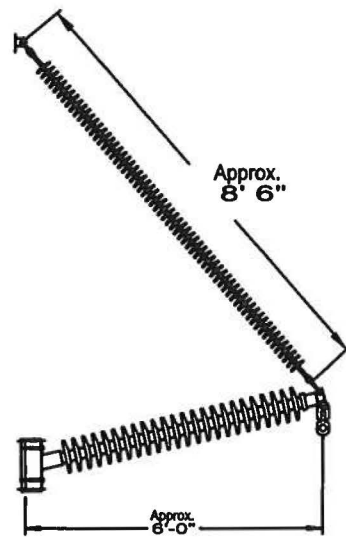
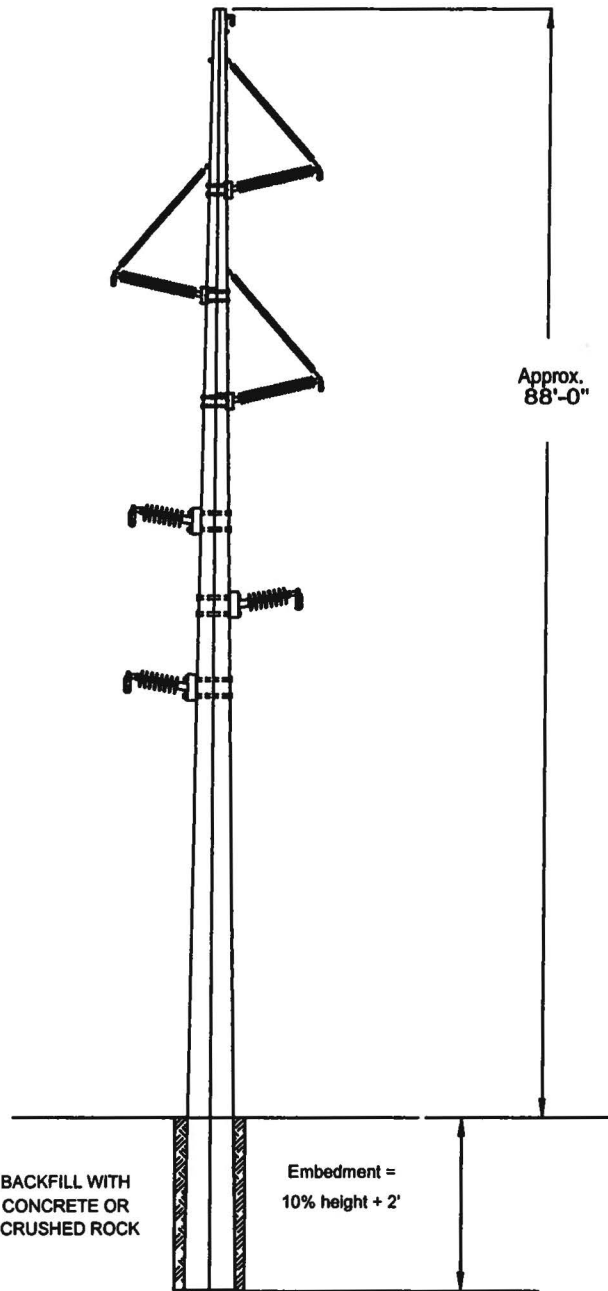
Regulation	Filing Requirement	Location in Application
807 KAR 5:001 Section 14(1)	Fully the facts on which the application is based, with a request for the order, authorization, permission, or certificate desired and a reference to the particular law requiring or providing for the information.	Application; Application ¶¶ 20-24
807 KAR 5:001 Section 14(2)	If a corporation, the applicant shall identify in the application the state in which it is incorporated and the date of its incorporation, attest that it is currently in good standing in the state in which it is incorporated, and, if it is not a Kentucky corporation, state if it is authorized to transact business in Kentucky.	Application ¶ 9
807 KAR 5:001 Section 15(2)(a)	The facts relied upon to show that the proposed construction or extension is or will be required by public convenience or necessity.	Application ¶ 12; Exhibit A
807 KAR 5:001 Section 15(2)(b)	Copies of franchises or permits, if any, from the proper public authority for the proposed construction or extension, if not previously filed with the commission.	Application ¶ 16
807 KAR 5:001 Section 15(2)(c)	A full description of the proposed location, route, or routes of the proposed construction or extension, including a description of the manner of the construction and the names of all public utilities, corporations, or persons with whom the proposed construction or extension is likely to compete.	Application ¶¶ 2, 13-14, 17, and Exhibit A; See also the Maps of the Proposed Route filed with the Application
807 KAR 5:001 Section 15(2)(e)	The manner in detail in which the applicant proposes to finance the proposed construction or extension.	Application ¶ 15
807 KAR 5:001 Section 15(2)(f)	An estimated annual cost of operation after the proposed facilities are placed into service.	Application ¶ 15


Big Rivers Electric Corporation

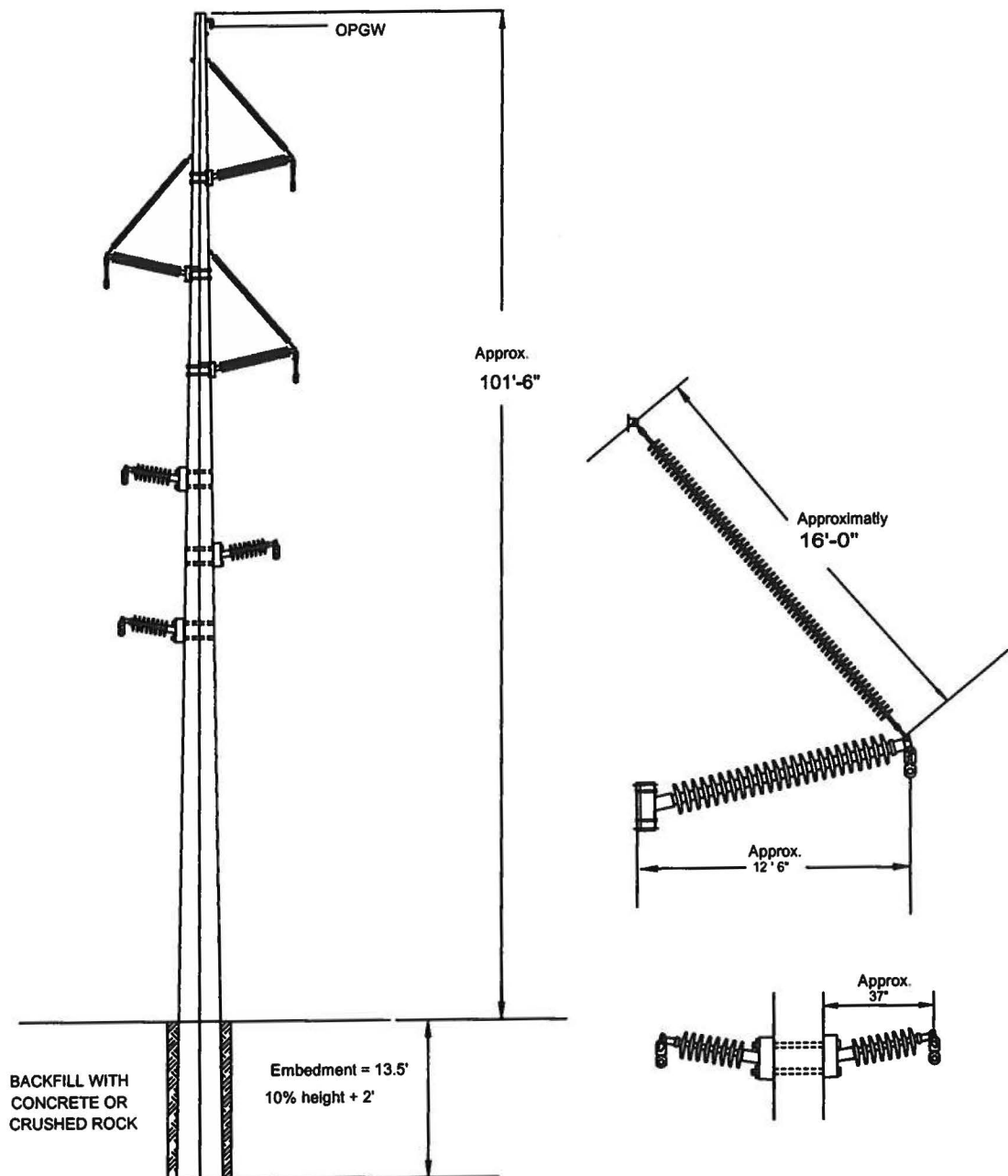
Case No. 2019-00270

References for Compliance with Regulatory Requirements

Regulation	Filing Requirement	Location in Application
807 KAR 5:001 Section 19(2)	An application for declaratory order shall: (a) be in writing; (b) contain a complete, accurate, and concise statement of facts upon which the application is based; (c) fully disclose the applicant's interest; (d) identify all statutes, administrative regulations, and orders to which the application relates; and (e) state the applicant's proposed resolution or conclusion.	See Application. The Application is in writing.
807 KAR 5:001 Section 19(6)	Applications for declaratory orders shall be supported by affidavit or shall be verified.	The Application is verified.



	
TSBP-DC-161/69 STEEL POLE BRACED POST TANGENT	C.D.Rector
Brandenburg Steel Mill	Rev 9-1-19



 Big Rivers <small>ELECTRIC CORPORATION</small>	
TSBP-DC-345/69 STEEL POLE BRACED POST TANGENT	C.D.Rector
Steel Mill-Brandenburg	Rev 6-4-19



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

August 21, 2019

RE: Notice of Proposed Electric Transmission Line Construction Project in Meade County

Robert Adcock
110 Mathew Lane
Brandenburg, KY 40108

Dear Mr. Adcock:

Big Rivers Electric Corporation (“Big Rivers”), a western Kentucky electric generation and transmission cooperative, proposes to construct an 8.5 mile 161 kilovolt transmission line circuit and an 8.6 mile 345 kilovolt transmission line circuit, both in Meade County, Kentucky. The purpose of the proposed transmission line circuits is to serve the new Nucor Brandenburg Steel Mill.

The proposed routes for these new circuits are shown on the attached map. The 161 kilovolt circuit is proposed to extend from a substation located 2.3 miles northeast of Irvington in central Meade County to a substation 0.6 miles northeast of Garrett in eastern Meade County. From the substation near Garrett, the 345 kilovolt circuit will extend north to the Nucor Brandenburg Steel Mill about 1.5 miles east of Brandenburg.

Big Rivers is reducing the impacts of these new circuits on Meade County property owners by utilizing existing easements and existing transmission lines. Big Rivers already has an easement across property you own in Meade County for an existing transmission line, and it expects to add one of the new circuits to that existing line. Big Rivers will also replace old wooden poles with newer, stronger steel poles.

Big Rivers does not anticipate requiring any additional easements from you. Hunter Rickard, Easement Agent at Big Rivers, will notify you before construction begins, and will be your contact for any crop damage reimbursements. His email address is Hunter.Rickard@BigRivers.com and his phone number is 270-844-6210.

Big Rivers plans to file an application with the Kentucky Public Service Commission (“Commission”), in or about October 2019, seeking a certificate of public convenience and necessity authorizing this project. The purpose of the Commission’s review of Big Rivers’ application is to determine whether the proposed circuits are required for public convenience and

necessity. You have the right to move to intervene and participate in the proceeding. You also have the right to request the Commission to conduct a public hearing on that application in Meade County.

To request to intervene in the Commission's proceeding on Big Rivers' application for a certificate of public convenience and necessity, or to request a public hearing in that case, you should contact the Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602-0615, telephone number (502) 564-3940. The docket number under which this application will be processed is 2019-00270.

A motion to intervene shall include the movant's full name, mailing address, and electronic mail address and shall state his or her interest in the case and how intervention is likely to present issues or develop facts that will assist the Commission in fully considering the matter without unduly complicating or disrupting the proceedings. The motion may also include a request for delivery of Commission orders by United States mail and shall state how good cause exists for that means of delivery.

A request for a public hearing shall be requested no later than thirty (30) days after Big Rivers files its application, and shall contain the docket number of the case; the name, address, and telephone number of the person requesting the hearing; and a statement as to if the person requesting the hearing wishes to participate in an evidentiary hearing or to make unsworn public comments. If a person requesting a local public hearing wishes to participate in an evidentiary hearing as well, that person shall also apply to intervene in the Commission case.

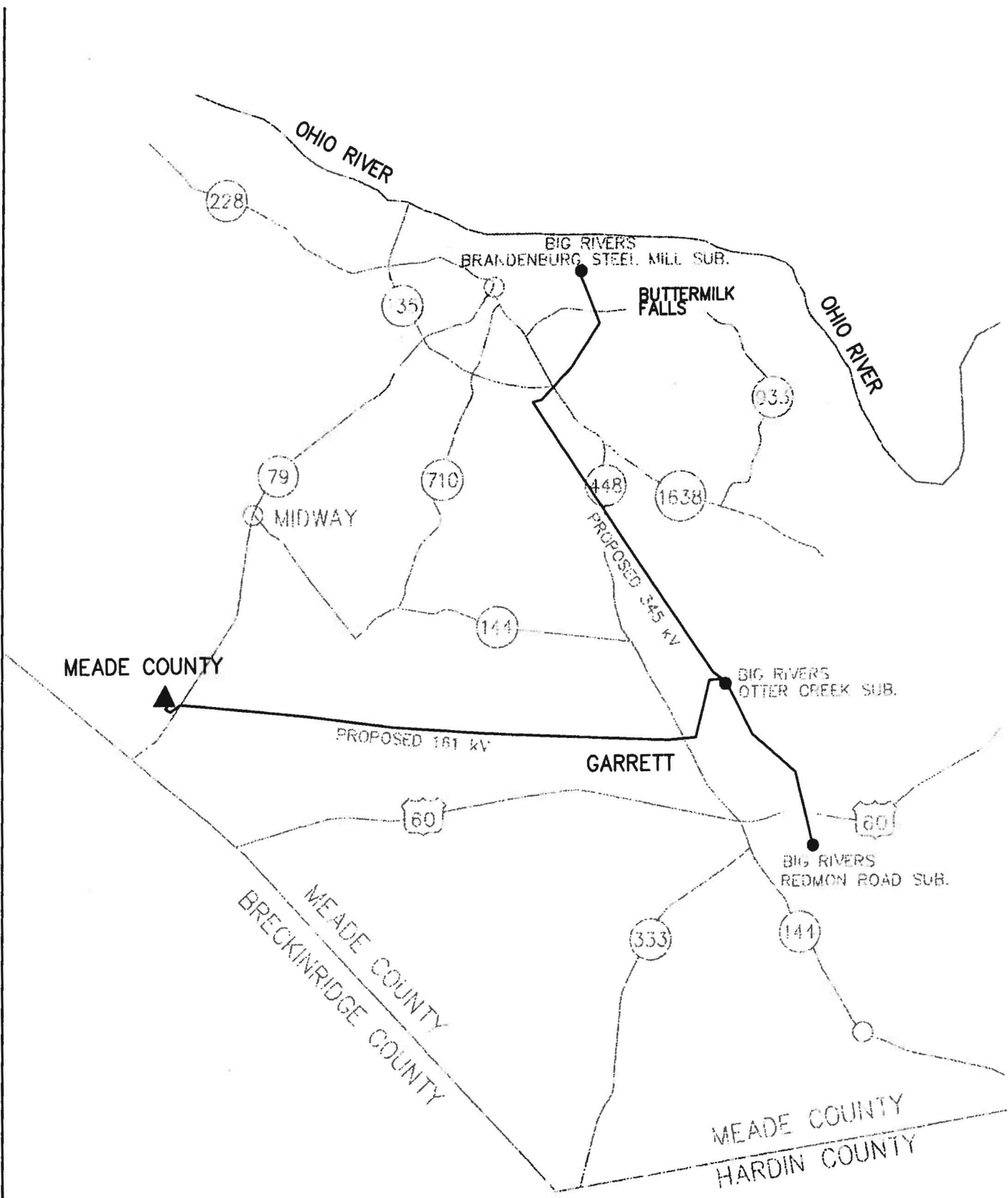
If you have any questions for me, you may contact me at (270) 844-6212 or via email at Bob.Warren@BigRivers.com.

Sincerely yours,

BIG RIVERS ELECTRIC CORPORATION



Robert M. Warren, P.E.
Director Engineering



**PROPOSED
TRANSMISSION LINES
MEADE COUNTY**

Big Rivers Electric Corporation
Case No. 2019-00270
Property Owner Listing
345 kV Transmission Line

Property Owner's Last Name	Property Owner's First Name	Property Owner's Address
Otter Creek Substation to Shamrock Road		
Hobbs	Thomas	3561 Big Spring Road, Vine Grove, KY 40175
Rowan	Robert	7510 Brandenburg Road, Ekron, KY 40117
McGehee	Chris	P.O. Box 309, Brandenburg, KY 40108
MchGehhe	Chris	P.O Box 309, Brandenburg, KY 40108
Roby	Philip & Billie	1357 Medley Drive, Brandenburg, KY 40108
Miller	Terry & Geraldine	400 Buck Grove Road, Ekron, KY 40117
Doodley	Jane	5930 Brandenburg Road, Brandenburg, KY 40108
Reemon	Joeseph & Gayla	190 Holston Lane, Brandenburg, KY 40108
Reemon	Mark & Gayla	190 Holston Lane, Brandenburg, KY 40108
Myers	Kurt & Erica	184 Holston Lane, Brandenburg, KY 40108
Brown	James & Amanda	635 River Edge Road, Brandenburg, KY 40108
Gilliland	Dorothea	4936 Brandenburg Road, Brandenburg, KY 40108
Richardson	Noble & Susanne	450 Buffalo Spring Lane, Brandenburg, KY 40108
Richardson	Jack H.	4774 Brandenburg Road, Brandenburg, KY 40108
Howard	Albert & Belva	4525 Brandenburgh Road, Brandenburg KY 40108
Mcgehee	Humphrey & Davis	P.O. Box 507, Brandenburgh, KY 40108
Edward	Bill & Peggy	1055 Wales Run Road, Mount Washington, KY 40047
Johnson	James & Anna	1015 Hartford Road, Lafayette, IN 47904
Durbin	Steve & Judith	115 Close Lane, Brandenburg, KY 40108-0445
Watts	Jeff & Darla	P. O. Box 608, Brandenburg, KY 40108
Gaddie	William	7825 Alyssum Drive, Louisville, KY 40258
Youart	Elton	4065 Brandenburg Road, Brandenburg KY 40108
Pickett	Melissa	29529 Joe Prather Highway, Brandenburg, KY 40108
Williams	Gaddie	7825 Alyssum Drive, Louisville, KY 40258
Thompson	David	1605 Meade Springs Road, Brandenburg, KY 40108
Weber	Wayne & Deborah	1375 Meade Springs Road, Brandenburg, KY 40108
Chambers	Kenneth & Mary	86 Owl Creek Drive, Vine Grove, KY 40175
Greenwell	Owen Patrick	487 Drive Brown Road, Brandenburg, KY 40175
Cannady	Mary R.	1135 Meade Springs Road, Brandenburg, KY 40108
Detray	Emery	875 Meade Springs Road, Brandenburg, KY 40108

Big Rivers Electric Corporation
Case No. 2019-00270
Property Owner Listing
345 kV Transmission Line

Property Owner's Last Name	Property Owner's First Name	Property Owner's Address
Otter Creek Substation to Shamrock Road		
Embry	Gwendelln	P.O. Box 363, Brandenburg, KY 40108
Ward	Susan	695 Wise Road, Brandenburg, KY 40108
Pollock	Ellis & Joyce	1121 High Street, Brandenburg, KY 40108
Roller	Joeseph & Lea Ann	635 Wise Road, Brandenburg, KY 40108
Hiner	Virginia Estate	4410 Leeds Road, Louisville, KY 40216
Adcock	Robert	110 Matthew Lane, Brandenburg, KY 40108
Thompson	Robert	175 Ghen Road, Brandenburg, KY 40108
Wilson	James & Christine	540 Shamrock Road, Brandenburg, KY 40108
Stone Holdings		P.O. Box 487, Brandenburg, KY 40108

Big Rivers Electric Corporation
Case No. 2019-00270
Property Owner Listing
345 kV Transmission Line

Property Owner's Last Name	Property Owner's First Name	Property Owner's Address
Shamrock Road to Brandenburg Steel Mill		
Esarey	Andrew & Cara	205 Nelson Lane, Brandenburg, KY 40108
Begley	Linn	2099 Brandenburg Road, Brandenburg, KY 40108
West	Garland & Gayle	2044 Bradenburg Road, Brandenburg, KY 40108
Dunn	Dennis E.	2795 Miller Road, Guston, KY 40142
Price	William Travis	340 Christian Church Road, Brandenburg, KY 40108
Harrington (Heirs)	Frank	2751 Timberline Drive, Owensboro, KY 42303
Polk	Jacob	1020 Christian Church Road, Brandenburg, KY 40108
Link	Kyle Alan	349 Pine Ridge Drive, Brandenburg, KY 40108
Monumental Chemical		2450 Olin Road, Brandenburg, KY 40108

Big Rivers Electric Corporation
Case No. 2019-00270
Property Owner Listing
161 kV Transmission Line

Property Owner's Last Name	Property Owner's First Name	Property Owner's Address
Conn	Robert	7200 Old State Road, Guston, KY 40142
Vessels (et ux)	Johnny	415 Hwy 376, Payneville, KY 40157
Morgan	William	620 Belgian Lane, Ekron, KY 40117
Roberts	Janice	1650 Stringtown Road, Guston, KY 40142
Roberts	Richard	1300 Stringtown Road, Guston, KY 40142
Roberts	Russell	1455 Stringtown Road, Guston, KY 40142
Board	Gordon	1180 Hill Grove Road, Guston, KY 40142
Burchett	Linda	3225 Shumate Road, Ekron, KY 40117
Simmons	William	730 Dave Smith Road, Ekron, KY 40117
Medley	Diane	1025 Black Jack Road, Ekron, KY 40117
Payne Road		
Prather	Robert	376 Bunger Road, Ekron, KY 40117
Watts	Mary	7625 Brandenburg Road, Ekron, KY 40117
Ford	Donna	165 Brenda Court, Ekron, KY 40117
Dame	Debra	7675 Brandenburg Road, Ekron, KY 40117
Cross	Cary L.	P.O.Box 24871, Nashville, TN 37221
Dowell	Donald L.	3845 Garrett Road, Ekron, KY 40117
Hobbs	Thomas	3561 Big Springs Road, Vine Grove, KY 40175

Chamber

Continued from 1A

Business Award. The nominations for such will be made by their teachers. Nominations will start online on Aug. 12 and are due no later than 5 p.m. on Oct. 1. Nominations can be made for Outstanding Woman in Business online at <https://www.surveymonkey.com/r/Z7ZG8YL>. You can make nominations for Future Woman in Business online at www.surveymonkey.com/r/RG3LHWR.

A selection committee will use only the nomination forms to make final selections. Please be as complete and thorough as possible. You will be asked to use the online nomination system. Make sure to include all the contact information on the form along with the nominee's

qualifications.

Submitting multiple nominations for one nominee is not necessary because the selection committee will not decide based on show of support, but rather on quality and thoroughness of supporting information.

Nominees may be nominated by an individual or business coworker, and nominees must live or work in Meade County. You will be asked to outline the area(s) in which the nominee has made an important and noticeable contribution to her community, by leading the way, to make Meade County a better place for all. You will be asked to answer these questions on the nomination form:

A) Explain areas in which the nominee has gained the respect of her peers and how

she is called upon for advice and mentoring.

B) How has their volunteer involvements and/or civic engagements had a positive impact on Meade County?

C) What programs, projects or achievements demonstrate the nominee's leadership in the community?

The award winners will be notified, and the awards will be presented at the Meade County Chamber of Commerce's event, Outstanding Woman in Business Awards Dinner, which is scheduled for Oct. 22 at the Doe Valley Swim and Tennis Club. Doors will open at 6 p.m., and dinner will be served at 6:30 p.m. Reservations can be made by calling 270-422-3626. The cost is \$15 per ticket. Hollie Sexton, from WOQE in Elizabethtown will be the keynote speaker.

River

Continued from 1A

Family Fun Walk will begin. The entry fee is \$25, which includes an official t-shirt. The museum will be open from 10 a.m. to 4 p.m.

At noon on Saturday, the parade will step off at the West Point School. Parade awards will be presented at

Veteran's Memorial Park. This year's parade has a superhero theme.

The silent auction will open at noon and end at 9 p.m.

Rides and booths open at 12:30 p.m. From 1 p.m. to 5 p.m., River City Paddle Sports Canoe rides will be available at the end of 4th St. These are free, but require

a signed waiver. The Kids Olympics will begin at 2 p.m., and the winner will be awarded a Nintendo Switch.

Live music will close out the afternoon, and the fireworks display will take place at dusk.

For more information, visit the West Point River Days Festival Facebook page.

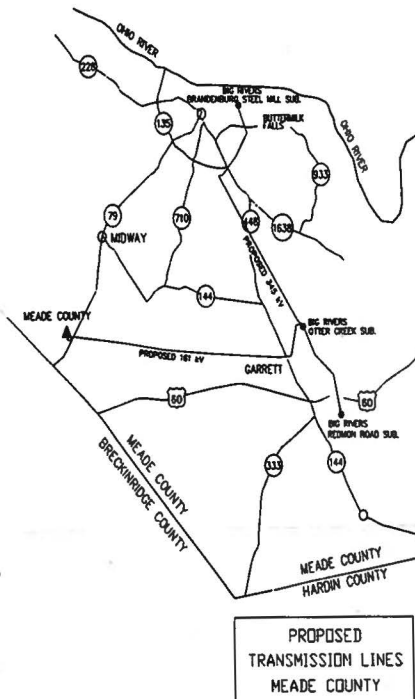
Notice of Proposed Electric Transmission Line Construction Project

Big Rivers Electric Corporation ("Big Rivers"), a western Kentucky electric generation and transmission cooperative, proposes to construct an 8.5 mile 161 kilovolt transmission line circuit and an 8.6 mile 345 kilovolt transmission line circuit, both in Meade County, Kentucky. The purpose of the proposed transmission line circuits is to serve the new Nucor Brandenburg Steel Mill.

The routes for both of the proposed circuits will utilize existing 69 kilovolt transmission lines. The proposed circuits will be built over the top of the existing lines. The 161 kilovolt circuit will begin at the existing Big Rivers Otter Creek Substation located 2.3 miles northeast of Irvington. It will run east to a new Big Rivers Otter Creek Substation that will be constructed 0.6 miles northeast of Garrett. From this substation, the 345 kilovolt circuit will extend north to a new Brandenburg Steel Mill substation that will be constructed about 1.5 miles east of Brandenburg. Both circuits will typically be constructed using single pole steel structures. Big Rivers has sent a letter to each property owner (according to Property Valuation Administrators records) over whose property the proposed circuits are expected to cross.

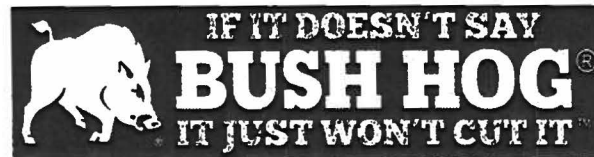
Big Rivers plans to file an application with the Kentucky Public Service Commission ("Commission"), in September of 2019, seeking a certificate of public convenience and necessity authorizing this project. The purpose of the Commission's review of Big Rivers' application is to determine whether the proposed circuits are required for public convenience and necessity. Interested persons have the right to move to intervene and participate in the proceeding. They also have the right to request the Commission to conduct a public hearing in Meade County on that application.

Interested parties may request to intervene in the Commission's proceeding on Big Rivers' application, or may request a public hearing in that case, by contacting the Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602-0615, telephone number (502) 564-3940. The docket number under which this application will be processed is 2019-00270. You may also direct questions to Big Rivers by contacting Robert M. Warren, Big Rivers Director Engineering, at (270) 827-2561.



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The advertisement features a large, modern hospital building with a prominent tower. The slogan "Your 5 Star Hospital!" is displayed in large, bold letters with five orange stars. The Harrison County Hospital logo is in the bottom right corner, along with the text "An affiliate of NORTON HEALTHCARE".