COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

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ELECTRONIC INVESTIGATION OF THE)
PROPOSED POLE ATTACHMENT TARIFFS OF) CASE NO. 2022-00106
RURAL ELECTRIC COOPERATIVE)
CORPORATIONS)

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KENTUCKY BROADBAND AND CABLE ASSOCIATION'S INITIAL REQUESTS FOR INFORMATION

Big Rivers Electric Corporation ("Big Rivers" or the "Cooperative"), by counsel, hereby files its Response to the Kentucky Broadband and Cable Association's Initial Requests for Information, issued in the above-captioned case on April 21, 2022.

FILED: May 5, 2022

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-1: Please explain what You mean by "realities and risks associated with

expanded use of overlashing," when overlashing has been utilized by KBCA members extensively

for decades. Response at 3.

a. Identify each "risk" encompassed by Your Response.

OBJECTION: The request presumes facts not in evidence. Specifically, the extent to

which KBCA members have historically overlashed spans of Cooperative-owned facilities,

particularly if KBCA members have done so without notice to or permission from the Cooperative,

is not supposition the Commission should accept as fact. To be certain, the Cooperative expects

overlashing to increase substantially in the future as more parties seek entry into marketplaces

requiring use of the Cooperative's infrastructure. Subject to the foregoing, the Cooperative

responds as follows.

RESPONSE: See Response to Commission Staff's Initial Request No. 14. The reality of

overlashing is that it creates a conductor that is heavier with an increased surface area compared

to the original conductor that it is lashed upon. This added weight and cross-sectional surface

creates more stress and burden on the poles, and it can cause greater sag in the wire. The intended

purpose of the requirement of a professional engineer to analyze the effects of the overlash by the

attacher and to provide advanced notification to the Cooperative is to ensure that this added weight

and cross-sectional surface from the overlash does not adversely affect the poles, addresses any

guying needs, and meets all NESC and regulatory requirements. The risk in not doing so will

Case No. 2022-00106

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

potentially create clearance violations or overstressed poles, which could adversely impact the

safety and reliability of the transmission system. The intent of the overlashing advanced

notification and evaluation is due diligence on the part of the attacher and the Cooperative to ensure

system integrity.

Witness:

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-2: Please explain why a pole analysis would be necessary following

every overlash, even for extremely lightweight fiber overlashing.

RESPONSE: See Response to Commission Staff's Initial Request No. 14. A pole

analysis for each attachment would be necessary to prevent excessive deflection and over stressing

of existing poles and to ensure all clearances are maintained. It is good practice to complete an

engineering analysis of each structure prior to the installation of additional wire attachments.

There are two primary reasons this good practice is now more needed that it was previously.

First, the Commission's regulation as it currently stands allows for unlimited third-party

overlashing, which means that it might not be one increase in loading on the pole, but several

increases over time. This could eventually make a material difference on pole loading. Without

conducting a pole loading analysis following every overlash, the cooperative will not know the

loading on the pole or which attachment (overlash) is responsible for causing an overloaded

condition. Second, approximately \$1 billion in broadband subsidies have been appropriated for

rural areas in Kentucky, so the demand for overlashing/additional load on poles will be much

greater over the next 5-10 years than ever before.

Witness:

Christopher S. Bradley, Big Rivers' Vice President of System Operations

Case No. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-3: Please state whether You maintain current pole loading data for all of Your poles and, if so, explain how such data is maintained.

a. Please identify the number or percentage of poles you own that are currently at, near, or over their load capacity.

RESPONSE: Big Rivers does not maintain current pole loading data for its poles.

a. Big Rivers is not aware of any poles that are at, near, or over their capacity.

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-4: Explain the basis and provide relevant supporting data and the legal

basis for the noncompensatory Unauthorized Attachment penalty You propose to impose based on

failure to provide advance notice of attachment for overlashing.

OBJECTION: The request is conclusory regarding the nature of the Unauthorized

Attachment fee and inappropriately seeks a legal analysis. Subject to the foregoing, the

Cooperative responds as follows.

RESPONSE: Penalties in the tariff are designed to create an incentive for attachers to

follow the required processes. Any new attachment to the cooperative's pole, whether a stand-

alone attachment or an overlash, that does not follow the processes required in the tariff is an

unauthorized attachment.

Please also see the responses to KBCA 1-2 and 1-3.

Witness:

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-5: Please identify and provide data concerning all costs (including how

such costs are calculated) incurred by You in connection with overlashing that You claim are not

recovered from the overlashing attacher.

RESPONSE: All cost incurred will be assigned to the attacher. That said, overlashing is

not subject to annual rental fees if it is an overlash on an existing communications wire. The rental

fee goes toward ongoing maintenance and operation of the poles that are a part of the electric

system that benefit the attachers utilizing those poles. By not providing additional rental revenue

for overlash, the communications company is essentially not sharing in that O&M expense

required to maintain the poles they are utilizing. Additionally, the Cooperative incurs costs related

to inspections and violations that are not fully recovered. However, so long as the attacher follows

the requirements in the proposed tariff to cover the cost of initial engineering analysis to ensure

the overlashing does not compromise the safety and reliability of the pole, the Cooperative is not

making any claims that it has unrecovered costs from the overlashing attacher.

Witness:

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-6: Identify the number or percentage of Your poles that are currently red-tagged.

RESPONSE: One percent (1%) of Big Rivers' poles are currently red-tagged.

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-7: Provide data related to the number of Your Poles that are anticipated

to be red-tagged in the next five years.

RESPONSE: Big Rivers inspects twenty percent (20%) of its poles annually equating to

3,578 poles inspected. Based on Big Rivers' past five (5) years of inspections, one percent (1%)

of its total poles have been red-tagged. In the next five (5) years, Big Rivers anticipates having

between 170-180 poles red-tagged.

Witness:

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-8: Explain how You will determine if a pole is red-tagged.

a. Explain what you will do when You are notified of a red-tagged pole.

b. Explain how an attacher can determine and assess whether or not a pole is or will

be red tagged.

RESPONSE: Big Rivers' inspectors determine at the time of the inspection if a pole is

considered red-tagged by following our Pole Inspection Procedure, a copy of which is attached to

Big Rivers' response to Item No. 11 of the Commission Staff's First Request for Information.

a. Once a pole is identified by the inspector to be red-tagged, the inspector will place

a red tag or a yellow marker at the base of the pole signifying the pole is red-tagged at the

time of the inspection.

b. Big Rivers will continue to make the determination of whether a pole is or will be

red-tagged according to the National Electric Safety Code (NESC) requirements.

Witness:

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-9: Explain the basis for Your proposed requirement that an attacher pay

the entire cost of replacing a pole that is not red-tagged, including all economic basis for this

requirement.

a. Explain your accounting treatment of a non-red-tagged pole that is replaced with a

new pole paid for by an attacher.

b. Explain whether or not You receive any financial or other benefit as a result of an

attacher paying to replace an existing pole with a new pole so that it may attach.

RESPONSE: The Cooperative operates on an annual budget to ensure costs are incurred

and managed in a prudent way. When new attachers seek to attach to Cooperative poles, this is a

request that occurs outside of the cooperative's annual budgeting process. If a pole is replaced due

to the new attacher's request, this replacement is an unforeseen, unbudgeted action taken to allow

the attacher to comply with NESC requirements. It is not related to the useful life of the pole. If

a pole is red-tagged, the Cooperative does not and would not request the new attacher to pay any

portion of the cost to replace the pole, as this replacement is a budgeted maintenance cost based

on the Cooperative's inspection of the pole. Moreover, the Cooperative and its membership should

not be forced to pay for new poles required solely by a requesting attacher, especially given the

approximately \$1 billion dollars in new federal and state subsidies provided to encourage

broadband deployment.

Case No. 2022-00106

Responses to KBCA 1-9

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

a. The cost of the pole replacement will include all costs associated with material,

labor, transportation, stores, and overheads but will have no impact on the value of Plant, due to

the attacher paying for the replacement pole as a contribution in aid. The regulation and proposed

tariff allows for an estimate of charges to be made prior to construction with provisions for a post

construction "true-up" of actual costs for the job.

b. If the cooperative were required to pay for the costs of new poles it did not budget

or otherwise need to replace, this would have a negative impact on other areas of the Cooperative's

budget, potentially deferring other investments intended for the economic benefit of the

Cooperative's members.

Witness:

Paul G. Smith, Big Rivers' Chief Financial Officer

Case No. 2022-00106 Responses to KBCA 1-9

Witness: Paul G. Smith

Page 2 of 2

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-10: Explain whether You would require an attacher to replace a pole

where there would be space for it to attach but for Your reservation of space for Your sole use.

a. Explain how You decide what size and strength of pole You to put in service.

b. Explain the basis for Your assertion that "KBCA's suggestion that a 'specific,

known plan to provide core electric service' must support a reservation of space is

unreasonable and directly counter to the Commission's objective to speed broadband

deployment," as stated on page 7 of Your Response.

RESPONSE: Yes, when there is no room for additional attachments outside the

Cooperative's reasonably-anticipated need for space on its own pole, a requesting attacher would

be required to pay for replacement of the pole to accommodate its request. (Consistent with the

new regulation, this would not apply in the case of a red-tagged pole.)

a. The size and strength of poles Big Rivers puts into service depends on the specific

application as it can serve at voltages of 69 kV up to 345 kV. Transmissions structures are

designed per the guidelines and requirements of IEEE C2-2017 (National Electric Safety

Code) and Rural Utilities Service Bulletin 1724E-200 (Design Manual for High Voltage

Transmission Lines).

b. A utility should be entitled to reserve its own infrastructure in reasonable

anticipation of future use. If a dispute arises with respect to whether a pole-owner is

improperly reserving space on its own infrastructure, that dispute can be addressed in a

Case No. 2022-00106

Responses to KBCA 1-10

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

fact-specific manner with a specific pole-owner. Absent an actual, existing, and substantial

dispute about a pole-owner's specific space reservation practices it is reasonable to suggest

that pole-owners may reserve space on their own assets for reasonably anticipated uses.

Disputes, if any, can and should be addressed in future complaint proceedings, where the

regulation's new pole attachment complaint resolution timeframes will ensure that a timely

resolution is made.

Witness:

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 11: Explain the cost basis for Your \$100 penalty for uncorrected

violations and violations not corrected to Your satisfaction.

a. Explain and provide data concerning all costs you incur as a result of uncorrected

violations that You do not correct.

b. Explain how those costs are not recovered in the annual rental rate.

c. Explain and provide data concerning how you will determine whether a violation

is corrected to Your satisfaction.

d. Explain and provide data concerning how you will determine which attacher on the

pole caused a given violation.

e. Explain and provide data explaining how these penalties will be accounted for in

Your financial reporting requirements.

f. Explain the legal basis for collecting non-compensatory damages from a third party.

RESPONSE: As with any penalty, amounts are generally determined based primarily

upon a consideration of what amount may serve as a reasonable disincentive against

prohibited behavior. The \$100 penalty is based upon general industry practices and

considerations of reasonableness.

Uncorrected violations of attachers create significant safety and reliability risks to

the system, the costs of which would certainly exceed \$100.

Case No. 2022-00106

Responses to KBCA 1-11

Witness: Christopher S. Bradley, as to subparts (a), (d), and (f)

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

- b. The annual rental rate assumes that all attachments have been made through the permitting process required in the tariff and attached in compliance with all applicable codes and specifications. If attachments are found not to be in compliance with code, the cost of bringing those attachments into compliance is the responsibility of the attacher, separate and apart from any annual rental payment.
- c. Big Rivers would perform post work inspections and complete as-built surveys to ensure the installation complies with specifications provided and meets all applicable codes.
- d. Big Rivers would model and evaluate each attachment on a case by case basis to determine which attacher caused a violation.
- e. No such penalties have been imposed to date, and Big Rivers does not expect a material impact from such penalties in the future that would require specific disclosure in its financial reporting.
- f. **OBJECTION:** The request inappropriately seeks legal conclusions. Subject to the foregoing, the Cooperative responds as follows.

Utility rates are required to be fair, just, and reasonable. Attachers to utility poles must not endanger the safety or reliability of service to utility customers. Unexpected costs can arise when that safety and reliability is not maintained as a consequence of the attacher's tariff violations. Incentivizing attachers to comply with their obligations by Case No. 2022-00106

Responses to KBCA 1-11

Witness: Christopher S. Bradley, as to subparts (a), (d), and (f)

Paul G. Smith, as to subpart (e)

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

threatening to impose a reasonable penalty of \$100 for violations or uncorrected violations helps ensure the safety and reliability of the system.

Witnesses: Christopher S. Bradley, Big Rivers' Vice President of System Operations, as to subparts (a)-(d), and (f)

Paul G. Smith, Big Rivers' Chief Financial Officer, as to subpart (e)

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-12: Explain and provide data concerning why the RECCs should only

be liable for gross negligence, including the basis for Your statement "RECCs should be liable

only if they are solely the cause of any damage or injury." Response at 9.

a. Explain why the same standard of liability does not apply to the RECCs and the

third party attachers.

b. Explain why third party attachers should be liable for Your negligence.

OBJECTION: The request inappropriately seeks legal conclusions. Subject to the

foregoing, the Cooperative responds as follows.

RESPONSE: The tariff is written broadly to protect the Cooperative from incurring

defense costs and avoiding potential liability as a result of being required by law to allow a third-

party to occupy and utilize its property. If a third-party incurs damage involving a utility pole

owned by the Cooperative, the owner of the pole will undoubtedly be included in any lawsuit or

claim for damages. Without protection to a pole owner, an attacher would be incentivized to shift

blame to a pole owner to attempt to minimize the extent of its own losses caused by the attacher's

negligence. Further, a pole attachment tariff must have mechanisms to incentivize an attacher to

ensure that all attachments are made safely and without damage to a pole, which could lead to

injuries to a third party.

Case No. 2022-00106

Responses to KBCA 1-12

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

It is not fair, just, and reasonable to require an entity to involuntarily provide access to its

property while then stripping that property-owner of the right to be fully protected against any loss

or damage resulting from the licensee's actions or omissions.

a. See above. It is not unusual in commercial contracting situations for counterparties

to be exposed to different levels of risk.

b. See above.

Witness:

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 13: Explain whether or not members of cooperative utilities benefit from

access to communications services, such as cable television and internet access service. Response

at 9.

a. Identify all costs that electric cooperatives or their members incur as a result of

third party communications attachments that are not covered by non-recurring charges,

such as pre-construction survey fees, make ready charges, or recurring annual rental

payments from attachers.

RESPONSE: Attachers providing services to Cooperative members should seek to

recover their costs solely from those members who choose to purchase the attacher's services.

Cooperative members who do not desire attacher services should not be forced to contribute to the

costs of attachers which do not serve them. This is a fundamental issue before the Commission,

and should not be overlooked. KBCA ostensibly believes attachers are entitled to certain treatment

by virtue of the for-profit services they generally provide, but the member-owned Cooperative is

neither intended nor designed to overlook costs that should be properly recovered from the cost-

causers.

a. Big Rivers' proposed tariff is designed to protect its members from incurring costs

resulting from third party communication attachments, including not only those listed in

the request above, but also (1) costs and expenses incurred by Big Rivers in addressing

Case No. 2022-00106

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

damage to facilities of Big Rivers and Outside Parties caused by the attacher (Licensee);¹

(2) costs and expenses incurred for right-of-way work required due to a fallen tree or

similar situation whereby the condition of Licensee's cable and/or facilities are creating

undue strain on the facilities of Big Rivers or an Outside Party when Licensee fails to

remedy within a suitable timeframe or safety considerations so require;² (3) Licensee's pro-

rata share of the total cost of Actual Inventories (Pole Attachment Audits or Pole Audits)

and Licensee's proportionate share of cost of Safety Inspections and costs of Licensee-

Specific Inspections when Big Rivers has reasonable cause to believe code violation or

unsafe conditions exist on its system;3 (4) costs and expenses incurred as a result of

corrective measures conducted by Big Rivers when Licensee's Attachments fail to

conform with technical requirements and specification of the rate schedule and Licensee

fails to timely correct such nonconformance; (5) cost incurred from removal of

Unauthorized Attachments;⁵ and (6) when safety or reliability purposes necessitate Big

¹ Big Rivers' proposed Pole Attachment Tariff at Section 1.

² *Id.* at Section 3.

³ *Id.* at Section 5.

⁴ *Id.* at Section 5.

⁵ *Id.* at Section 7.

Case No. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

Rivers to Transfer, Rearrange, remove, manipulate, or otherwise impact a Licensee's attachment on an expedited basis.⁶

Witness: Christopher S. Bradley, Big Rivers' Vice President of System Operations

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⁶ *Id.* at Section 8.

TARIFFS OF RURAL ELECTRIC COOPERATIVE CORPORATIONS

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO 1-14: Explain the basis for and provide all data concerning Your

requirement that "Licensee shall require its agents, contractors and subcontractors to comply with

the specifications required under this Schedule and the obligations of this Schedule (including but

not limited to the insurance and indemnification obligations under this Schedule)."

RESPONSE: Parties acting on behalf of the Licensee stand in the shoes of the

Licensee. Therefore, they should be held to the same standards as the Licensee.

Witness:

CASE NO. 2022-00106

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 1-15: Explain the basis for and provide all data concerning Your assertion

that "from an operational standpoint, it is important to consider that contractors unable to acquire

the required coverage may not be sophisticated enough or may have previous safety violations

making adequate insurance unaffordable." Response at 10.

a. Explain how Cooperatives are at an "elevated risk[]" if contractors and

subcontractors are not required to carry the same insurance as KBCA members, including

any data concerning Your assertion, even though KBCA members require their contractors

and subcontractors to be insured and are ultimately liable to the Cooperative. Response at

10.

b. Explain how You quantify any "elevated risk" caused by contractors and

subcontractors that are not required to carry the same insurance as a third party attacher,

even though the third party attacher requires its contractors and subcontractors to be insured

and is ultimately liable to You.

RESPONSE: Please see the response to KBCA 1-14. It is not unusual in commercial

contracts, particularly those involving construction and maintenance of facilities, to include

appropriate flow-down provisions to ensure the protection of the contracting parties.

Witness:

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE KBCA'S INITIAL REQUESTS FOR INFORMATION

REQUEST NO. 16: To Clark Energy only: Explain the cost basis for Clark Energy's "administrative review fee" of \$100, including any data supporting the fee.

- a. Explain how those costs are not recovered in the annual rental rate.
- b. Identify and provide all data concerning the "costs associated with performing the work required to comply with the regulation's review and processing requirements." Response at 11.

RESPONSE: Not applicable.

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:					
ELECTRONIC INVESTIGATION OF TH PROPOSED POLE ATTACHMENT TAR RURAL ELECTRIC COPERATIVE CORPORATIONS	,				
VERIFICAT	ION				
I, Christopher S. Bradley, verify, state, and affirm that the revised data request responses filed with this verification for which I am listed as witness is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry. Christopher S. Bradley					
COMMONWEALTH OF KENTUCKY) COUNTY OF HENDERSON)					
SUBSCRIBED AND SWORN TO before the 5th day of May, 2022.	me by Christopher S. Bradley on this				
M	otary Public, Ky. State at Large by Commission Expires Ochbus 31, 2029 otary ID: Kyluff				

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:					
ELECTRONIC INVESTIGATION OF 'PROPOSED POLE ATTACHMENT TO RURAL ELECTRIC COPERATIVE CORPORATIONS	,	Case No. 2022-000106			
VERIFICATION					
I, Paul G. Smith, verify, state, and affirm with this verification for which I am listed as wi knowledge, information, and belief formed after a result of the state of the st	tness is true and acc				
COMMONWEALTH OF KENTUCKY) COUNTY OF HENDERSON)					
SUBSCRIBED AND SWORN TO before me by Paul G. Smith on this the day of May, 2022.					
	Notary Public, Ky My Commission E Notary ID:	expires October 31. 2024			