COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

Electronic Application Of Kentucky Power Company For A Certificate Of Public Convenience And Necessity To Construct A 138 kV Transmission Line And Associated Facilities In Pike And Floyd Counties (Enterprise Park Economic and Area Improvements Project)	))))))	Case No. 2018-00209

SUPPLEMENTAL TESTIMONY OF

MICHAEL G. LASSLO

ON BEHALF OF KENTUCKY POWER COMPANY

September 2018

SUPPLEMENTAL TESTIMONY OF

MICHAEL G. LASSLO

ON BEHALF OF KENTUCKY POWER COMPANY

TABLE OF CONTENTS

SUPPLEMENTAL TESTIMONY OF

MICHAEL G. LASSLO

ON BEHALF OF KENTUCKY POWER COMPANY

I. INTRODUCTION

Q. PLEASE STATE YOUR NAME, POSITION AND BUSINESS ADDRESS.

A. My name is Michael G. Lasslo. My position is Reliability Manager for Kentucky Power Company. My business address is 1400 E. Main Street, Hazard, Kentucky.

Q. DID YOU PREVIOUSLY FILE TESTIMONY IN THIS PROCEEDING?

A. Yes. I filed written testimony on August 10, 2018 in support of Kentucky Power Company's application for a certificate of public convenience and necessity.

Q. WHY ARE YOU FILING THIS SUPPLEMENTAL TESTIMONY?

A. Subsequent to the filing of my direct testimony the Company determined that the transmission line component of the Enterprise Park Economic & Area Improvements Project should be modified in two respects. My supplemental testimony is being filed to update the application and apprise the Commission of these two modifications.

II. MODIFICATION OF TRANSMISSION LINE ROUTE AND STRUCTURES

Q. PLEASE DESCRIBE THE EVENTS THAT LED TO THE TWO MODIFICATIONS.

A. As I indicated at pages 9-10 of my direct testimony, the geotechnical evaluation associated with the design and construction of the transmission line was ongoing at the time the application was filed. Subsequent to the filing of my direct testimony, a desktop review of the site topography revealed apparent landslides along a section of the

proposed transmission line route between proposed structures 12 and 14. A subsequent field geologic reconnaissance was conducted along this section of the proposed transmission line route and confirmed the existence of apparent landslides as well as apparent mine seepage.

Q. WHAT IS THE LOCATION OF THE APPARENT MINE SEEPAGE AND APPARENT LANDSLIDES THAT WERE DISCOVERED?

A. They were found west of the proposed Kewanee 138 kV Substation between proposed structures 12 and 14. They are located in the area of a reclaimed former surface mine.

Q. WHAT STEPS DID KENTUCKY POWER TAKE UPON DISCOVERING THE ADVERSE GROUND CONDITIONS?

A. As part of the Company's continued due diligence, project engineers subsequently conducted additional desktop studies and geotechnical evaluations of the site. The geotechnical evaluations confirmed the existence of landslides and mine seepage in the area between proposed structures 12 and 14. These features can contribute to future slope instability in their general area, thereby increasing the construction risk and project costs. Constructing the proposed transmission line structures and associated access roads in this slip-prone area will result in significant mitigation costs, environmental impacts, and risks. The Company proposes to move the route centerline and proposed structures 12, 13, and 14. The proposed modification of the centerline of the Kewanee 138 kV Transmission Line Extension and relocation of proposed structures 12, 13, 14 is a practical minor adjustment to avoid unnecessary costs and reduce environmental impacts by avoiding disturbance to an identified wet landslide prone area.

Q. WHERE WILL THE CENTERLINE AND PROPOSED STRUCTURES BE RELOCATED?

A. Beginning at proposed structure 11, the centerline of the transmission line, along with proposed structures 12, 13, and 14, will be moved to the south of the originally proposed centerline onto terrain that, during the field geologic reconnaissance and subsequent geotechnical evaluations, was determined to be less susceptible to landslides and more easily accessible. The modified centerline will rejoin the originally proposed centerline at proposed structure 15. **LASSLO SUPPLEMENTAL EXHIBIT S-1** illustrates the modified route. The Company also is supplementing its application with **SUPPLEMENTAL EXHIBIT S-3** in conformity with 807 KAR 5:001, Section 2(2).

Q. WILL THE PROPOSED ROUTE MODIFICATION REQUIRE THAT THE COMPANY NOTIFY ADDITIONAL LANDOWNERS?

A. No. The affected property lies within the right-of-way or the Filing Corridor for the original centerline. As a result, all landowners affected by the proposed route modification were mailed the written notice required by 807 KAR 5:001, Section 2(3) prior to the date the application was filed. The Company also contacted all affected landowners subsequent to identifying the modified route and informed the landowners of the proposed modified route. To date none have objected to the modification.

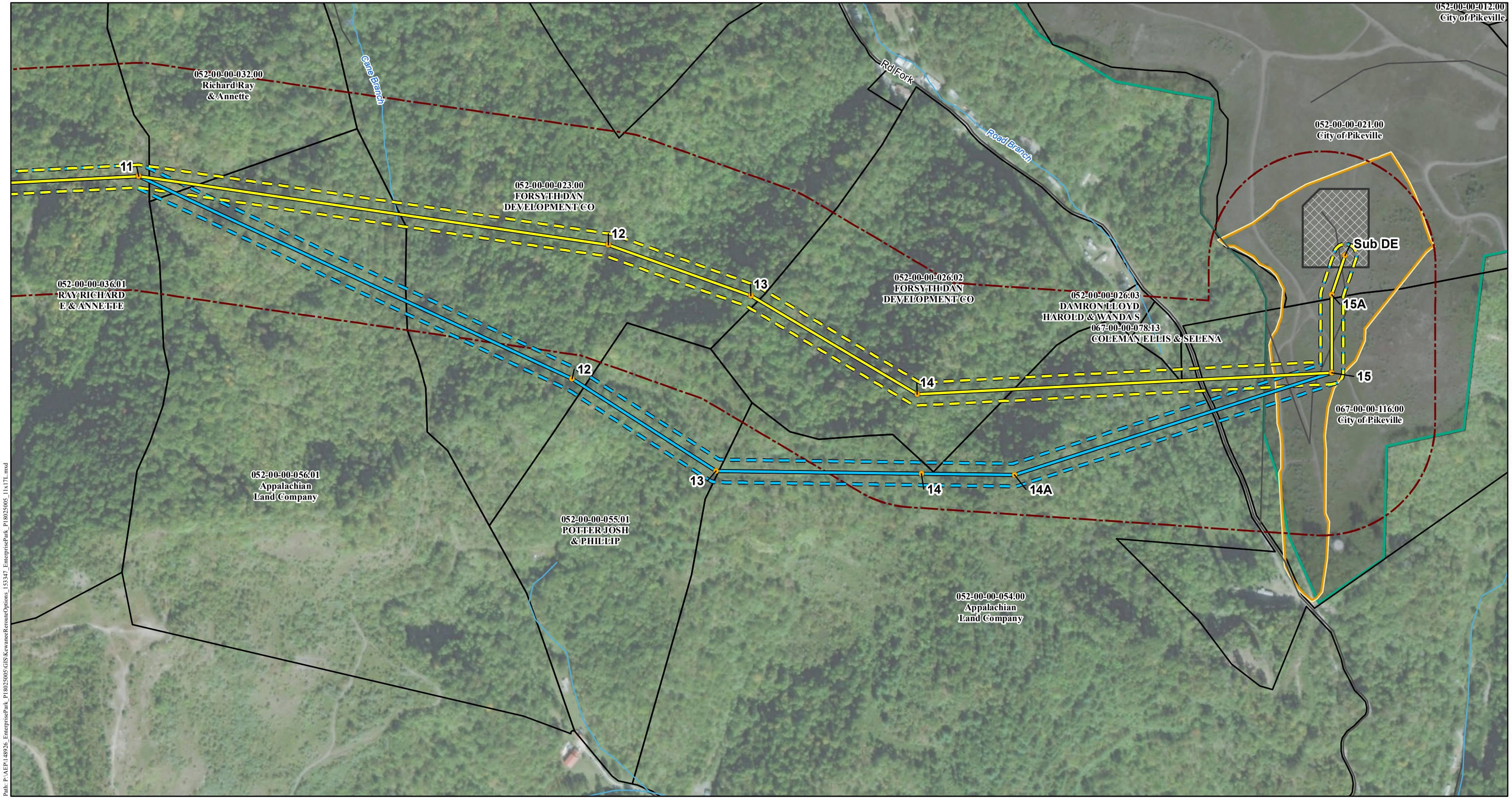
Q. WHAT IS THE SECOND MODIFICATION?

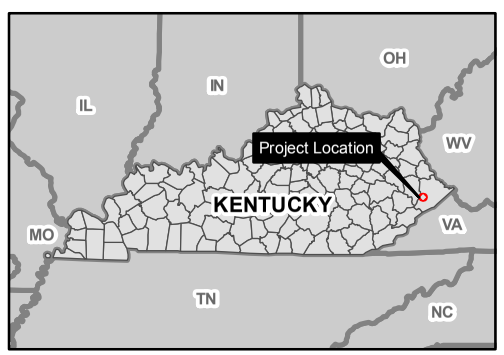
A. The new route will require an additional double-circuit galvanized lattice steel tower. It is denominated 14A on **LASSLO SUPPLEMENTAL EXHIBIT S-1** and **SUPPLEMENTAL EXHIBIT S-3** to the application. Based upon further design unrelated to the need to relocate a portion of the transmission line, the Company also is proposing to erect an

additional double-circuit galvanized lattice steel tower (labeled 15A on **LASSLO SUPPLEMENTAL EXHIBIT S-1** and **SUPPLEMENTAL EXHIBIT S-3**) to facilitate the entry of the transmission line into the Kewanee 138kV Substation. These two structures increase the total structures required for the Kewanee 138 kV Transmission Line Extension from 15 structures to 17 structures.

Q: DOES THIS CONCLUDE YOUR SUPPLEMENTAL TESTIMONY?

A: Yes.





- Preliminary Structure Location
- Proposed Route
- Proposed Route Modification
- Proposed Route ROW (100-ft)
- Proposed Route Modification ROW (100-ft)
- Filing Corridor
- Proposed Substation Site
- Approximate Extents of the Kentucky Enterprise Industrial Park
- Road
- Stream (NHD)
- Parcel Boundary
- Parcel to be Purchased by Kentucky Power for Substation
- City of Pikeville

NAD 1983 StatePlane Kentucky South FIPS 1602 Feet
Foot US
Lambert Conformal Conic
North American 1983

Pike County
Kentucky

0 200 400 600 800
Feet

1 " = 400 '

Page 1 of 1

Kewanee Extension 138 kV Line
Exhibit 1, Route Modification

Enterprise Park Economic and
Area Improvements Project
P18025005

KENTUCKY POWER
An AEP Company
BOUNDLESS ENERGY

Date: 8/30/2018
Author: AMW
Project: 153347

POWER ENGINEERS

Lassiter Supplemental Exhibit S-1
Page 1 of 1

Path: P:\AEP\14092n_EnterprisePark_P18025005\GIS\KewaneeRemoteOptions_153347_EnterprisePark_P18025005_11x17L.mxd

VERIFICATION

The undersigned, Michael G. Lasslo, being duly sworn, deposes and says he is the Reliability Manager for Kentucky Power, that he has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and correct to the best of his information, knowledge, and belief.

Michael G. Lasslo

Commonwealth of Kentucky)
)
County of Perry)

Case No. 2018-00209

Subscribed and sworn before me, a Notary Public, by Michael G. Lasslo this 11th day of September, 2018.

Notary Public

My Commission Expires 6-21-2022