

BEFORE THE POWER SITING BOARD OF THE STATE OF OHIO

**In the Matter of the Construction Notice Application of )**  
**AEP Ohio Transmission Company, Inc. for the Cyprus ) Case No. 22-0512-EL-BNR**  
**138 kV Extension Adjustment Project )**

Members of the Board:

Chair, Public Utilities Commission	Ohio House of Representatives
Director, Department of Development	Ohio Senate
Director, Department of Health	
Director, Department of Agriculture	
Director, Environmental Protection Agency	
Director, Department of Natural Resources	
Public Member	

To the Honorable Power Siting Board:

Please review the attached Staff Report of Investigation, which has been filed in accordance with Ohio Power Siting Board (Board) rules. The accelerated certificate application in this case is subject to an automatic approval process as required by Ohio Revised Code (R.C.) 4906.03 and Ohio Administrative Code (Ohio Adm.Code) 4906-6.

Staff recommends the application for automatic approval June 3, 2022, unless suspended by the Board, an administrative law judge, or the chairperson or executive director of the Board for good cause shown. If suspended, the Board must render a decision on the application within 90 days from the date of suspension.

Please present any objections you or your designee may have with this case to my office at least four business days prior to June 3, 2022, which is the recommended automatic approval date.

Sincerely,



Theresa White  
Executive Director  
Ohio Power Siting Board

## OPSB STAFF REPORT OF INVESTIGATION

**Case Number:** 22-0512-EL-BNR  
**Project Name:** Cyprus 138 kV Extension Adjustment Project  
**Project Location:** Franklin County  
**Applicant:** AEP Ohio Transmission Company, Inc.  
**Application Filing Date:** May 18, 2022  
**Filing Type:** Expedited Construction Notice  
**Inspection Date:** May 25, 2022  
**Report Date:** May 27, 2022  
**Recommended Automatic Approval Date:** June 3, 2022  
**Applicant's Waiver Requests:** None  
**Staff Assigned:** T. Crawford, A. Delong, M. Bellamy, A. Renick

### Summary of Staff Recommendations (see discussion below):

Application: ☐ Approval ☐ Disapproval ☒ Approval with Conditions

Waiver: ☐ Approval ☐ Disapproval ☒ Not Applicable

### Case Background

In Case No. 21-0786-EL-BLN, AEP Ohio Transmission Company, Inc. (AEP Ohio Transco or Applicant) proposed and was approved by the Ohio Power Siting Board (Board) to construct, operate, and maintain the Cyprus 138 kilovolt (kV) Substation. In Case No. 21-1056-EL-BLN, the Applicant proposed and was approved by the Board to construct, operate, and maintain the Cyprus 138 kV Extension project to connect the new Cyprus 138 kV Substation to the interconnection using a tie into the existing Beatty-Canal Street 138 kV transmission line. The length of the double-circuit extension from the Cyprus Station to the Beatty-Canal Street line is approximately 2.3 miles and will be supported by 17 steel monopoles and 13 steel two-pole dead ends.

### Project Description and Need

The Applicant herein proposes to adjust approximately 0.2 miles of the Cyprus 138 kV Extension.<sup>1</sup> The distances of the adjustments would range from 5 to 17 feet, involving three structures. One of the structures was affected by unfavorable terrain, and two other structures would also be adjusted to avoid the necessity of an angle structure. No additional changes to the existing right-of-way would be necessary.

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1. The Cyprus 138 kV Extension project, filed as Ohio Power Siting Board Case No. 21-1056-EL-BLN, was approved on January 27, 2022.

Additional information for the basis of need for the remainder of the Cyprus 138 kV Extension Adjustment project can be located in Case No. 21-1056-EL-BLN, which was approved on January 27, 2022.

The Applicant expects construction of the project to begin during February 2022, with the 0.2 mile adjustment to begin in June 2022, and an in-service date planned for July 2022. The capital cost of the extension project is estimated to be approximately \$10,600,000, but the proposed 0.2 mile adjustment addressed with this application would not change the project cost.<sup>2</sup>

### **Nature of Impacts**

Staff evaluated the nature of impacts and determined the land use, cultural resources, surface waters, and threatened and endangered species areas of review, have no additional impacts from Case No. 21-1056-EL-BLN.

### **Conclusion**

Staff's review of the application included consideration of the requirements listed in R.C. 4906.10. Based on Staff's review, the application meets the necessary criteria for granting a certificate. Staff recommends approval of this application on June 3, 2022 subject to the following conditions. Staff notes that its recommendation for approval of this application should not be construed as a recommendation for approval of cost recovery in any ratemaking proceeding.

### **Conditions**

- (1) The Applicant shall continue to adhere to all Conditions listed in the Cyprus 138 kV Station Project, 21-0786-EL-BLN, and the Cyprus 138 kV Extension Project, 21-1056-EL-BLN, as modified by this filing.

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2. The Applicant indicates that the cost of the project is a Class 4 estimate, which is comprised of applicable tangible and capital costs, and pursuant to the PJM Open Access Transmission Tariff, the cost will be recovered in the Applicant's FERC formula rate (Attachment H-20), and would be allocated to the AEP Zone.

**This foregoing document was electronically filed with the Public Utilities  
Commission of Ohio Docketing Information System on**

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**in**

**Case No(s). 22-0512-EL-BNR**

Summary: Staff Report of Investigation electronically filed by Mr. Matt Butler on  
behalf of Staff of OPSB