

FILE

Ohio Power Siting Board

Staff Investigation Report and Recommendation

Case No.: 11-4388-EL-BNR

Project: Hillsboro-Maysville 138 kV Line (Wildcat Station Tap)

Applicant: American Electric Power (AEP)

Report Date: August 23, 2011

Automatic Approval Date: August 31, 2011

Waiver Requests: None

Staff Assigned: J. Pawley, J. Whitis

Summary of Staff Recommendations (see report text for discussion):

Application: ☒ Approval ☐ Disapproval ☐ Approval with Conditions
Waiver: ☐ Approval ☐ Disapproval ☒ Not Applicable

Summary of Staff Recommended Conditions (see report text for discussion):

- None

Projected Docket Closure Date (if automatically approved): November 15, 2013

Investigation Report

Project Description: This project would add two (2) steel tap structures on the existing Hillsboro-Maysville 138 kV circuit for a new distribution substation planned by AEP (Wildcat Substation). The distribution substation has not been constructed yet, and is planned by AEP in order to provide contingency recovery for the existing Sardinia Station and to also provide recovery capability for the existing Seaman Station, both owned and operated by AEP. Construction of the tap structures is expected in October 2011, and should take less than a month to complete. One existing H-frame structure will be removed, and less than 500 feet of new 138 kV line will be needed for the tap to the distribution station.

Site Description: No additional right-of-way easements or right-of-way clearing will be required for this project. The new tap structures will be located in existing AEP easement width and property owned by American Electric Power. This project is located in Highland County, Ohio in an agricultural field. There are several residences across the street from the distribution substation on Wildcat Road. The distribution substation is not jurisdictional to the OPSB.

Discussion/Comments/Concerns: The construction of this project should pose only minimal negative social and environmental impacts.

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