



## OPSB STAFF REPORT OF INVESTIGATION

**Case Number:** 13-0698-EL-BLN  
**Project Name:** S Canton-W Canton 138 kV Improvement Project (Phase I)  
**Project Location:** Stark County, Ohio  
**Applicant:** American Electric Power Ohio Transmission Company  
**Application Filing Date:** March 26, 2013  
**Filing Type:** **(Expedited)** Letter of Notification  
**Inspection Date:** April 8, 2013  
**Report Date:** April 16, 2013  
**Automatic Approval Date:** April 24, 2013  
**Waiver Requests:** None  
**Staff Assigned:** J. Pawley, D. Rostofer, J. Whitis, G. Zeto

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

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

### Project Description

The purpose of this project is to install a second 138 kV conductor from the existing South Canton substation to the open arm of the first tower of the South Canton – West Canton line. The total length of Phase I is approximately 265 feet with 55 feet extending outside the substation fence line. All work will be performed from inside the fenced substation yard therefore no new access roads will be required. This project will help to address reliability concerns identified by PJM in the Canton area, and is a critical component of the much larger Canton Area 138 kV Improvements Project.

### Nature of Impacts

The Applicant is presently working on various permits and assessing tower strength along their existing right-of-way of the South Canton – West Canton line to string the new 138 kV circuit along an open arm position for future phases. This first phase will complete upgrade work needed in the substation in order to accommodate this new circuit.

The Applicant has adequate access to the tower to be used for the new circuit as it is adjacent to a substation fence. No wetlands, streams, agricultural or residential properties should be affected by this project. No tree clearing is needed for this phase of the project.

### Conclusion

The construction of this project should pose only minimal negative social and environmental impacts. Staff recommends automatic approval of this case on April 24, 2013.

**This foregoing document was electronically filed with the Public Utilities**

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**Case No(s). 13-0698-EL-BLN**

Summary: Report of investigation electronically filed by Mr. Adam S Bargar on behalf of Staff of OPSB