

FILE

Ohio Power Siting Board

Staff Investigation Report and Recommendation

Case No.: 10-1320-EL-BNR

Project: Bay Shore Substation Expansion and 138 kV J-K Bus Tie

Applicant: American Transmission Systems, Incorporated

Report Date: 5 October 2010

Automatic Approval Date: 16 October 2010 (Construction Notice process)

Waiver Request: None

Inspection Date(s): 16 September 2010

Staff Assigned: J. O'Dell

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): 31 May 2013

Investigation Report

Project Description: This project involves a minor expansion of the Bay Shore Substation, totaling approximately 624 square feet. A 78-foot section of the existing fence line would be shifted 8 feet to the south. Two steel 138 kV structures and approximately 284 feet of conductors are also required. The project is needed to accommodate the installation of a new source of backup power for Transformer No. 6, thus increasing reliability for the Bay Shore Generation Plant.

Site Description: A small retention basin will be reconfigured to accommodate the new fence line. This project is located entirely on the Applicant's Bay Shore Generation Plant property in the City of Oregon, Lucas County.

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

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