

FILE

Staff Investigation Report and Recommendation

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Case No.: 05-1003-EL-BLN
Project: Tap to First Solar Substation
Applicant: American Transmission Systems, Inc. and Toledo Edison

Report Date: 16 September 2005

Automatic Approval Date: 25 September 2005 (Letter of Notification process)

Waiver Requests: None

Inspection Date(s): 24 August 2005
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): 1 February 2008

Investigation Report

Project Description: This project would provide an electrical supply for a new substation at First Solar's Ohio Manufacturing Facilities. The project requires one guyed, laminated wood pole structure and approximately 165 feet of 138 kV transmission line. Additionally, framing members of an existing H-frame structure would be replaced.

Site Description: The new tap structure would be centered within the r-o-w of an existing transmission line located at the edge of a horse pasture. The Applicant has secured an easement modification for the placement of the new structure. Land use in proximity to the project includes industrial, railroad, interstate highway and utility uses. This project is located within Perrysburg Township, Wood County.

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

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