



Ohio Power Siting Board

Ted Strickland, Governor

Board Members

Chairman
Alan R. Schriber
The Public Utilities Commission of Ohio

Christopher Korleski
Ohio Environmental Protection Agency

Lee Fisher
Ohio Department of Development

Dr. Alvin Jackson
Ohio Department of Health

Sean Logan
Ohio Department of Natural Resources

Robert Boggs
Ohio Department of Agriculture

Public Member

Jennifer Garrison
Ohio House of Representatives

John Hagan
Ohio House of Representatives

Bob Schuler
Ohio Senate

Jason Wilson
Ohio Senate

180 E. Broad Street
Columbus, Ohio 43215-3793

www.OPS.B.ohio.gov

The Ohio Power Siting Board
is an Equal Opportunity Employer
and Service Provider

January 26, 2009

FILE

Ms. Ellen Regennitter
Transmission Line Projects Engineering
American Electric Power
700 Morrison Road
Gahanna, OH 43230

PUCO

2009 JAN 26 PM 2:37

RECEIVED-BOOKETING DIV

Subject: Application for Certificate
Roberts-OSU 138 kV Transmission Line Project
Case Number 08-170-EL-BTX
Staff Questions/Clarifications - Set #2

Dear Ms. Regennitter:

Attached please find Staff questions/clarifications (2 pages) for the proposed American Electric Power (AEP) Roberts-OSU transmission line application as submitted December 30, 2008.

In order to better ensure a timely review of your application, please provide responses by February 6, 2009.

Please contact Jon Pawley at (614) 644-7631 or myself at (614) 644-8244 if you have any questions regarding this information.

Sincerely,

Klaus Lampbeck, Chief
Facilities, Siting & Environmental
Analysis Division

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business
Technician _____ Date Processed JAN 26 2009

Questions / Clarifications

Route Selection (4906-15-03)

- Please define the northern and southern boundaries of the study area for the route selection study.
- Please explain why the northern route around the Marble Cliff Quarry (A-B-C-I-J-K) was selected as part of the Preferred Route over the southern route around the quarry (A-B-C-I-D-F-G-H-K), given that the southern route is described more favorably in the route selection study.
- Please identify the property that is planned for residential development at the Scioto River crossing and how the route L-M would affect the development plans. What amount of the additional woodlot clearing required for route L-M, compared with route K-M, would occur on the property that is planned for development?
- Please describe in detail the criteria used for selecting the two candidate routes crossing Upper Arlington, and the process by which other potential west-east route candidates and north-south connectors were eliminated. Please provide a map showing the constraint data that was used to select candidate routes in this area.
- Please explain why the northern route through Upper Arlington (M-S) was selected as part of the Preferred Route over the southern route (M-O-P), given that the southern route is described more favorably in the route selection study.
- In the letter provided in the application, an official from Upper Arlington lists the Lane Avenue route as the "City's primary choice", however the route selection study states that the "city has expressed a preference for the southern route along Cambridge Drive and Waltham Avenue" (Application Appendix 03-1, p. 10). Please clarify.
- Please describe in detail the criteria used for selecting the candidate routes from Upper Arlington to the OSU Substation, and the process by which other potential west-east route candidates and north-south connectors were eliminated. Please provide a map showing the constraint data that was used to select candidate routes in this area.
- Were any other combinations of various segments of the Preferred and Alternate routes considered? Is there any combination of the two routes that would create a more desirable route than either the Preferred or Alternate?
- Please provide a table comparing the Preferred and Alternate routes in their entirety, based on the siting criteria or constraints that were used in the route selection study.

Socioeconomic and land use impact analysis (4906-15-06)

- Please provide a table listing the number of properties of each type of land use listed in 4906-15-06(B)(3) within 100 and 1,000 feet of each route. (The evaluation in the application is not complete. For example, the only commercial land use mentioned is the Lane Avenue Shopping Center and Lennox Town Center, but most of Lane Avenue between Northwest Blvd. and the edge of Clinton Township east of North Star Rd. is commercial, plus parts of Kinnear Rd, Arlington Ave., and other areas within 1,000 feet.)
- What is the expected impact of traffic disruptions and construction noise on all land uses along both routes? How will the Applicant minimize and/or mitigate traffic and noise impacts, particularly in the commercial corridors along Lane Ave. and Kinnear Rd., and near schools, police stations, and other institutional land uses? Please be much more specific than the analysis in the application, including items such as estimated length of disruption along specific areas of the routes, expected limits on entry to commercial properties during construction, and other potential impacts. Please compare impacts of the two routes.
- In the route selection study, the northern option from the Roberts Substation to the Scioto River, which became part of the Preferred Route, is described as follows: “. . . the northern option crosses Griggs Reservoir Park. Within the park, woodlots would need to be cleared which would increase the erosion potential along the banks of the Scioto River” (Application Appendix 03-1, p. 7). In the impact analysis section, the impacts of the Preferred Route on Griggs Reservoir Park are described as temporary and “will only occur during the construction phase” (Application, p. 06-12). Please clarify.
- The Preferred Route runs along two sides of a recreation facility on the Ohio State campus, and past a police substation, a health care facility, an agricultural field, and numerous other varied land uses on Ohio State property that are not mentioned in the application. Please describe the potential impacts of construction, operation, and maintenance to the various land uses on the Ohio State campus, and any mitigation procedures to be used to minimize impacts.
- Please verify the location of the park identified as “Hayden Falls” in the application.
- In the cultural resources section, on pages 06-27 – 06-29, the Preferred and Alternate route sections appear to be swapped. Please clarify and/or correct.
- The above-ground section of the Preferred Route passes near two previously identified historic structures. Please evaluate the potential impact to these structures and any mitigation procedures to be used to minimize impacts.
- Please provide the boundary of the area that will be disturbed during construction for all HDD entry and exit locations.