



Legal Department

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Ms. Betty McCauley
Director, Administration Department
Secretary to the Commission
Docketing Division
The Public Utilities Commission of Ohio
Ohio Power Siting Board
180 East Broad Street
Columbus, Ohio 43215

February 12, 2014

**RE: Letter of Notification for the Ohio Central 138kV Loop Project
Case No. 14-0053-EL-BLN**

Dear Ms. McCauley:

On January 27, 2014, AEP Ohio Transmission Company (AEP OH Transco) submitted the above-referenced Letter of Notification to the Ohio Power Siting Board (OPSB). After the submission, AEP Ohio Transco continued the evaluation and final engineering of the 138kV line, as well as the proposed adjacent 345kV transmission line (See Case No. 13-2036-EL-BLN), which was automatically approved on February 4, 2014. These two lines enter the Ohio Central Station in the vicinity of Northpointe Drive, and due to their proximity and adjacent nature, a change to either of the lines can impact the design of both the line and structure location.

During finalization of the engineering for the two routes, the height of the structures became a concern. The need to cross over the existing transmission lines entering Ohio Central Station necessitated the use of taller structures. In the original design, the 138kV line was routed parallel to the 345kV line, but was positioned to the south of the 345kV line and to the west of Northpointe Drive. This design caused the 138kV line to cross over two other existing 138kV lines while at the same location, crossing under the new 345kV line at Northpointe Drive. The height of the existing tower lines would have caused the new 345kV structures to be well over 200-feet high, which would have caused the need to obtain FAA permits, and the potential for lighting and painting of the structure. In switching the location of the two lines in the parallel alignment and slightly realigning the routes, the structure heights were lowered and kept below 200-feet in height. The revised alignment also allows more of the centerline to be routed on existing AEP property, which reduces the need for additional easements. This new alignment also eliminates the need for one 345kV structure to the west of Northpointe Drive. All structures will be located

outside of wetlands boundaries and will not impact stream crossings, therefore no additional wetland or stream impacts will occur as result of the revised alignment. The Best Management Practices that were discussed in the Letter of Notification for the respective projects will be applied during construction of the revised route.

The attached map details the change to the alignment of the 345kV line and the 138kV line. A revised copy of the Erosion and Sediment Control map sheet will be provided to Staff under separate cover.

Should you have any questions, please do not hesitate to contact me.

Respectfully submitted,

/s/ Yazen Alami
Yazen Alami

Enclosure



REV	REVISION DESCRIPTION	DATE	BY	SCALE				
XX	ABC	XX/XX/XX	XXX	200.0 ft. Horiz. Scale				
					DRESDEN, OHIO			
					OHIO CENTRAL 345KV EXTENSION OHIO CENTRAL 138KV LOOP REVISED ROUTE CENTERLINES			
					SHEET LENGTH:			
					APPROVED:			
					ENGR: JTJ 02/12/14			
					DRAWN: JTJ 02/12/14			
					CHECKED: JTJ 02/12/14			
					EQUIP:			
					SHEET: 1 OF 1			
					REV 0			
					SCALE: H: 1" = 200' V: 1" = 40'			
					PLOT DATE: 02/12/14			

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Case No(s). 14-0053-EL-BLN

Summary: Correspondence of February 12, 2014 electronically filed by Mr. Yazen Alami on behalf of AEP Ohio Transmission Company