



Legal Department

American Electric Power  
1 Riverside Plaza  
Columbus, OH 43215-2373  
AEP.com

Chairman Todd A. Snitchler  
The Public Utilities Commission of Ohio  
Ohio Power Siting Board  
180 East Broad Street  
Columbus, Ohio 43215

January 30, 2014

**Re: Construction Notice**  
**Case No. 14-0145-EL-BNR: New Market (SCP) Tap 138kV Line**

Yazen Alami, Esq.  
Regulatory Services  
(614) 716-2920 (P)  
(614) 716-2950 (F)  
yalami@aep.com

Dear Chairman Snitchler:

In accordance with rules 4906-5-02(B) and 4906-11-02, Ohio Administrative Code ("OAC"), AEP Ohio Transmission Company ("AEP Ohio Transco") submits this Construction Notice. Construction of the project is scheduled to begin in March 2014 and is projected to be placed in service by December 2014.

As required by rule 4906-11-02(C), OAC, AEP Ohio Transco has submitted a copy of this Construction Notice to the chief executive officer of each municipal corporation and county and the head of each public agency charged with protecting the environment or of planning land use in the area in which the proposed project will be located. Attached to the Construction Notice are copies of cover letters that have been submitted to the Highland County Board of Commissioners and the New Market Township Trustees.

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

Respectfully submitted,

/s/ Yazen Alami

Yazen Alami

# Construction Notice

for the

## New Market (SCP) Tap

OPSB Case Number 14-0145-EL-BNR

Submitted by

American Electric Power  
Ohio Transmission Company

To

The State of Ohio Power Siting Board

January 2014

## **CONSTRUCTION NOTICE**

In accordance with Ohio Administrative Code Section 4906-11-02 Construction Notice Requirements, American Electric Power Ohio Transmission Company (AEP OH Transco) submits the following information:

### **4906-11-02(B)**

**(1) Name of the Project**

The name of this project is the New Market (SCP) Tap 138kV Line.

**(2) Description of this Project**

AEP OH Transco will be building a new tap line into an existing South Central Power distribution station. The station is currently being fed from a hard tap off of the Seaman-Highland 138kV line, which is currently operating at 69kV. The new tap structure will be a 3-way switch pole and will improve reliability to South Central Power. The new conductor will be 795,000 cm ACSR (Aluminum Conductor Steel Reinforced) 26/7 stranding. The new shield wire will be 7#8 Alumoweld.

The full project length is 0.16 miles (860 feet).

This project meets the requirements for a Construction Notice, as the project is defined by Item (1)(c) of the Interim Application Requirement Matrix for Electric Power Transmission Lines in Appendix A of 4906-1-01 of the Ohio Administrative Code. The matrix requires the filing of a Construction Notice for the following:

*(1) Rerouting or extension or new construction of single or multiple circuit electric power transmission line(s) as follows:*

*(c) Line(s) one hundred twenty-five kV and above, but less than three hundred kV, and not greater than 0.2 miles in length.*

**(3) Need**

The existing Seaman – Highland line is being converted from 69kV to 138kV. The facilities at New Market station will be upgraded for the voltage change and the current 69 kV hard tap will be removed and replaced with a 3-way switch pole to increase reliability to the station.

**(4) Construction Schedule**

This project is expected to begin in March 2014, and will be completed and placed in service by December 2014.

**(5) Estimated Cost**

The cost for this project is estimated to be \$250,000.

**(6) Technical Features**

The proposed tap line will be single circuit with steel structures. The conductor will be 795kcmil 26/7 ACSR Drake and the shield wire will be 7#8 Alumoweld.

Currently the substation is fed from a hard tap off of the Seaman – Highland 138kV line (operating at 69kV). The existing single circuit wooden poles were constructed in 1969 and will be replaced with steel monopole structures. The existing conductor and wood structures will be removed. The existing Seaman-Highland 138kV was constructed in 1969 but is currently operating at 69kV. The line was designed and insulated for future 138kV operation.

**(7) Maps**

The line is located in New Market Township, Highland County, Ohio, and is shown on the attached map.

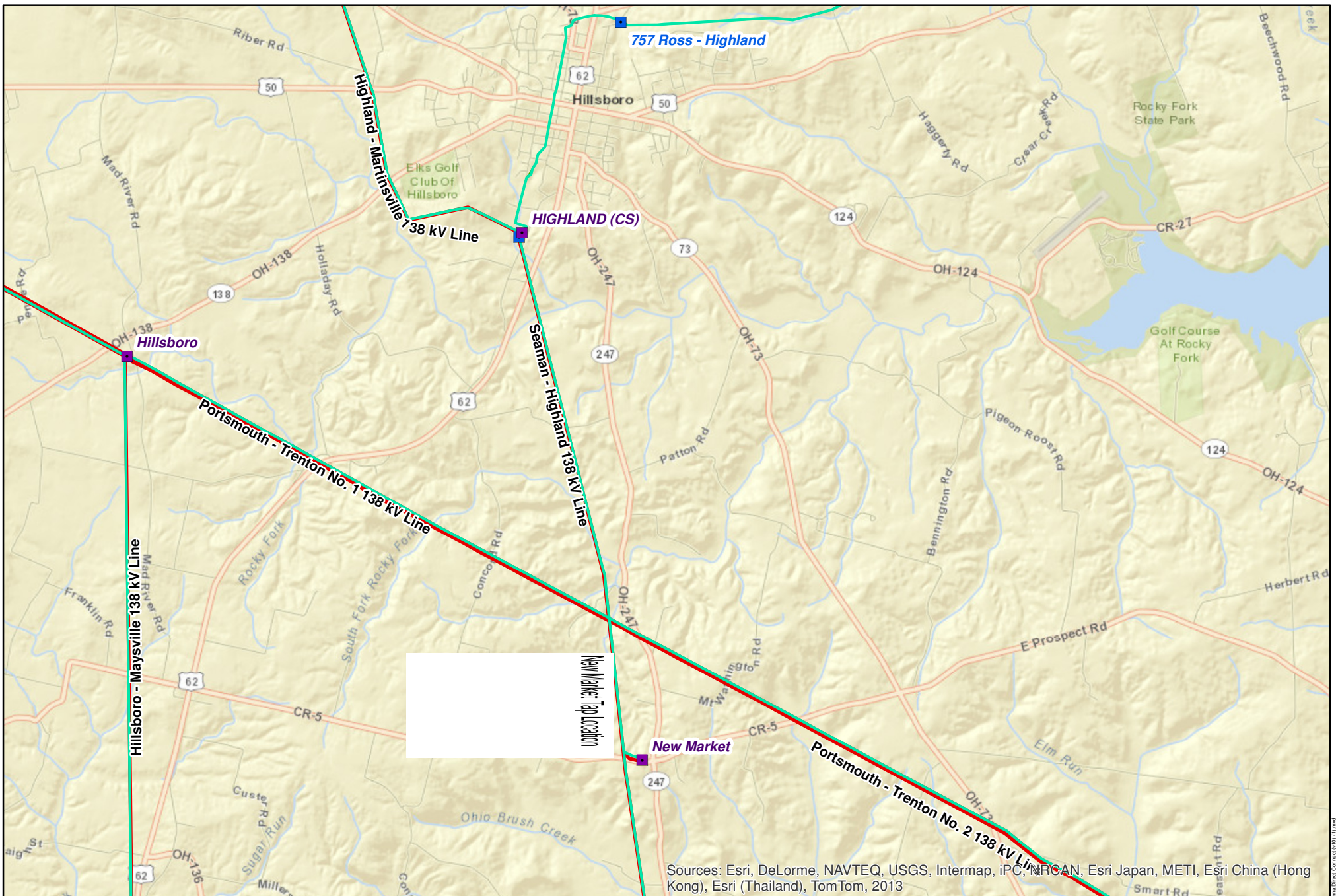
**(8) Properties**

The project will be located on a new easement adjacent to the existing 69kV easement. AEP OH Transco is working with the property owners to obtain the necessary easement.

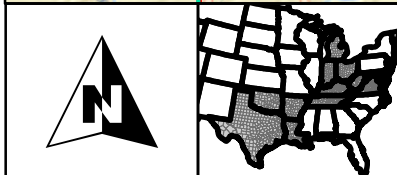
**4906-11-02(C) Notification**

Copies of this Construction Notice have been sent to the Highland County Boards of Commissioners, and the New Market Township Trustees.





Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013



Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere

This drawing from the Transmission Line Projects Engineering Group of American Electric Power is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient, please contact the sender and destroy all copies of the original document.

## New Market Tap Line 138kV

### Transmission Line Engineering Group

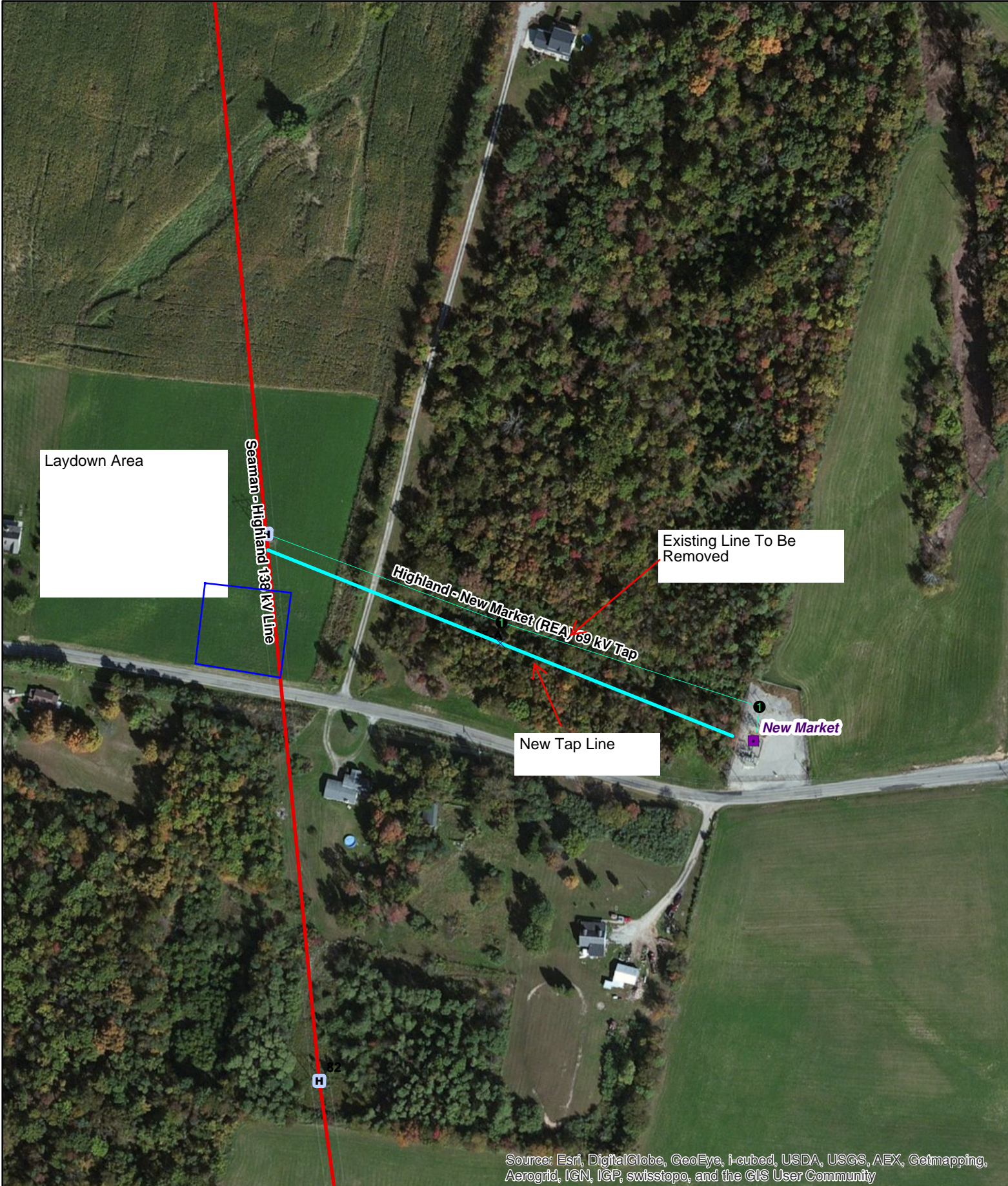
Source: American Electric Power, ESRI  
Comments:

Drawn By: 6249063  
Date: 1/22/2014





700 Morrison Rd.  
Columbus, OH 43220-6642  
PH: (614) 716-1000  
Fax: (614) 552-1818





Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

	<b>New Market Tap</b>		 700 Morrison Rd. Gahanna, OH 43230-6642 PH: (614) 716-1000 Fax: (614) 552-1818
	<b>Transmission Line Engineering Group</b>		
<small>Source: American Electric Power, ESRI Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet Comments:</small>		<small>Drawn By: s249063 Date: 12/19/2013</small>	





American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

January 30, 2014

Highland County Commissioners  
Jeremy Shaffer  
Shane Wilkin  
Thomas Horst  
119 Governor Foraker Place, Suite 211  
Hillsboro, OH 45133

**Construction Notice  
New Market (SCP) Tap  
Replace Existing Tap Line**

Dear Commissioners:

In accordance with Chapter 4906 of the Ohio Administrative Code, the AEP Ohio Transmission Company (AEP Ohio Transco) is required to submit a Construction Notice to the State of Ohio Power Siting Board whenever certain changes are made to our transmission facilities.

AEP Ohio Transco is planning on replacing a tap line to a South Central Power substation. The total length of the line is 0.16 miles.

In compliance with Rule 4906-11-02 of the OPSB Rules and Regulations, we have prepared and filed the attached Construction Notice. This Notice contains details on the line location, project description and construction schedule, and is submitted for your information.

Cordially,

A handwritten signature in blue ink that reads 'Kevin Irvine'.

Kevin Irvine  
Transmission Line Engineering  
(614) 552-2281





American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

January 30, 2014

New Market Trustee  
Kenny Harless  
6095 E. New Market Rd,  
Hills, OH 45133

**Construction Notice  
New Market (SCP) Tap  
Replace Existing Tap Line**

Mr. Harless:

In accordance with Chapter 4906 of the Ohio Administrative Code, the AEP Ohio Transmission Company is required to submit a Construction Notice to the State of Ohio Power Siting Board whenever certain changes are made to our transmission facilities.

American Electric Power is planning on replacing a tap line to a South Central Power substation. The total length of the line is 0.16 miles.

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Cordially,

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Kevin Irvine  
Transmission Line Engineering  
(614) 552-2281



American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

January 30, 2014

New Market Trustee  
Thomas Juillerat  
6261 E. New Market RD,  
Hills, OH 45133

**Construction Notice  
New Market (SCP) Tap  
Replace Existing Tap Line**

Mr. Juillerat:

In accordance with Chapter 4906 of the Ohio Administrative Code, the AEP Ohio Transmission Company (AEP Ohio Transco) is required to submit a Construction Notice to the State of Ohio Power Siting Board whenever certain changes are made to our transmission facilities.

AEP Ohio Transco is planning on replacing a tap line to a South Central Power substation. The total length of the line is 0.16 miles.

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Cordially,

A handwritten signature in blue ink that reads 'Kevin Irvine'.

Kevin Irvine  
Transmission Line Engineering  
(614) 552-2281



American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

January 30, 2014

New Market Trustee  
Lowell Sullivan  
4930 U.S. 62,  
Hillsboro, OH 45133

**Construction Notice  
New Market (SCP) Tap  
Replace Existing Tap Line**

Mr. Sullivan:

In accordance with Chapter 4906 of the Ohio Administrative Code, the AEP Ohio Transmission Company (AEP Ohio Transco) is required to submit a Construction Notice to the State of Ohio Power Siting Board whenever certain changes are made to our transmission facilities.

AEP Ohio Transco is planning on replacing a tap line to a South Central Power substation. The total length of the line is 0.16 miles.

In compliance with Rule 4906-11-02 of the OPSB Rules and Regulations, we have prepared and filed the attached Construction Notice. This Notice contains details on the line location, project description and construction schedule, and is submitted for your information.

Cordially,

A handwritten signature in blue ink that reads 'Kevin Irvine'.

Kevin Irvine  
Transmission Line Engineering  
(614) 552-2281



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

**Commission of Ohio Docketing Information System on**

**1/30/2014 1:50:14 PM**

**in**

**Case No(s). 14-0145-EL-BNR**

Summary: Notice of Construction for the New Market (SCP) Tap 138kV Line electronically filed by Mr. Yazen Alami on behalf of AEP Ohio Transmission Company