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13-1835-EL-BNR

**AMERICAN TRANSMISSION SYSTEMS, INCORPORATED
A FIRSTENERGY COMPANY**

CONSTRUCTION NOTICE

TANGY SUBSTATION EXPANSION PROJECT

OPSB CASE NO.: 13- -EL-BNR

August 22, 2013

**American Transmission Systems, Incorporated
76 South Main Street
Akron, Ohio 44308**

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CONSTRUCTION NOTICE TANGY SUBSTATION EXPANSION

The following information is being provided in accordance with the procedures in Ohio Administrative Code Section 4906-11-02: Construction Notice Requirements of the Rules and Regulations of the Ohio Power Siting Board.

4906-11-02 (B): Information Requirements

4906-11-02 (B) (1): Name and Reference Number

Name of Project: Tangy Substation Expansion Project ("Project")

4906-11-02 (B) (2) (a): Brief Description of Project

American Transmission Systems, Incorporated's ("ATSI"), a FirstEnergy Company, Tangy Substation Expansion project ("Project") consists of expanding the fence line of the existing Tangy Substation to facilitate the installation of additional equipment in the substation. The existing and the expanded Tangy Substation will be owned and operated by ATSI. Exhibit 1 shows the general plan view of the existing and proposed layout of the Tangy Substation. The fenced area within the existing Tangy Substation is approximately 214,210 square feet. As part of the proposed Project, a portion of the northwest corner of the substation fence line will be will be expanded to the north and to the west. An approximately 253 foot portion of the west fence line will be moved 36 feet to the west. An approximately 150 foot portion of the north fence line will be moved 10 feet to the north. This will expand the footprint of the substation by approximately 10,248 square feet, with a new total area of 224,458 square feet. This represents a 4.8 percent expansion of the substation. The expanded footprint of the substation will allow the installation of a new 138 kV transmission line exit to the London Substation. The substation expansion layout is shown in Exhibit 1. The Project is located near the intersection of Bunty Station Road and Liberty Road in the Township of Delaware, Delaware County, Ohio. The general location of the Project is shown in Exhibit 2, which is a partial compiled copy of the United States Geologic Survey, Delaware County, Ohio Quad Maps, ID number 40083-C1.

4906-11-02 (B) (2) (b): Construction Notice Requirements

The Project meets the requirements for a Construction Notice because the Project is within the types of project defined by Item (8)(a) of the Interim Application Requirement Matrix for Electric Power Transmission Lines in the Finding and Order issued on September 4, 2012 in Case No. 12-1981-GE-BRO and in Appendix A of 4906-1-01 of the Ohio Administrative Code. This items states:

(8) Constructing additions to existing electric power transmission substations where:

(a) There is a twenty percent or less expansion of the fenced area.

All Project activities will take place on existing Ohio Edison Company, a FirstEnergy Company, owned property. The fenced area of the existing Tangy Substation will be expanded by approximately 4.8 percent as a part of this Project.

4906-11-02 (B) (3): Project Need

The proposed Project is needed to accommodate the East Springfield-London-Tangy 138 kV Transmission Line Project approved on March 11, 2013 in Case No. 11-4884-EL-BTX.

4906-11-02 (B) (4): Construction Schedule

Construction on the Project is expected to begin on approximately October 7, 2013 and is expected to be completed and placed in-service by June 1, 2014.

4906-11-02 (B) (5): Estimated Costs

The estimated capital costs for the Tangy Substation Expansion Project is \$683,400.

4906-11-02 (B) (6): Operating Characteristics

The operating characteristics of the Tangy Transmission Substation and connected transmission lines will not be affected by the Tangy Substation Expansion Project. The Tangy Substation Expansion Project will add one 138 kV transmission line exit to

the substation. The Tangy Transmission Substation provides 345/138 kV and 138/69 kV transformation for the following connected transmission lines

1. Cardington – Tangy 69 kV
2. London – Tangy 69 kV
3. E. Springfield – Tangy 138 kV
4. Crissinger – Tangy 138 kV
5. Kirby – Tangy 138 kV
6. Delaware – Tangy 138 kV
7. Marysville – Tangy 345 kV
8. Hyatt – Tangy 345 kV
9. London-Tangy 138 kV (Case No. 11-4884-EL-BTX)

4906-11-02 (A) (6) (b): Estimated Number and Types of Structures

The expanded footprint of the substation will allow the installation of one new 138 kV transmission line exit. No new substation equipment is proposed as part of the fence expansion.

4906-11-02 (B) (7): Area Map

Exhibit No. 1 is a map depicting the general location of the project site. To locate and view the project site from the Columbus, Ohio area, travel onto north on US-23 for approximately 1 mile to I-670. Turn west onto I-670 for approximately 0.8 miles. At exit 2B head north on SR-315 for approximately 19.3 miles. Turn west on Bean Oller Road for approximately 1.1 miles. Turn north on CR-9 (Liberty Road) for approximately 1.7 miles. Turn west on Bunty Station Road for approximately 0.2 miles to the site of the Tangy Transmission Substation.

4906-11-02 (B) (8): Properties List

No new property rights are required for the Tangy Substation Expansion Project.

4906-11-02 (C) : Documentation of Construction Notice Transmittal

This Letter of Notification is being provided concurrently to the following officials of Delaware Township, and Delaware County, Ohio.

Delaware County

The Honorable Ken O'Brien
Delaware County Commissioner
101 N. Sandusky Street
Delaware, OH 43015

Mr. Chris E. Bauserman, P.E., P.S.
Delaware County Engineer
101 N. Sandusky Street
Delaware, OH 43015

The Honorable Dennis Stapleton
Delaware County Commissioner
101 N. Sandusky Street
Delaware, OH 43015

Mr. Scott B. Sanders, AICP
Delaware Regional Planning
Commission
109 N. Sandusky Street
Powell, OH 43065

The Honorable Gary Merrell
Delaware County Commissioner
101 N. Sandusky Street
Delaware, OH 43015

Delaware Township

Mr. Roger VanSickle
Delaware Township Trustee
2590 Liberty Road
Delaware, OH 43015

Mr. John Main
Delaware Township Trustee
2590 Liberty Road
Delaware, OH 43015

Mr. Steven Jefferis
Delaware Township Trustee
2590 Liberty Road
Delaware, OH 43015

Ms. Barbara Thomas
Delaware Township Fiscal Officer
40 Stratford Drive
Delaware, OH 43015

Copies of the transmittal letters to these officials have been included with the transmittal letter submitting this Construction Notice to the Ohio Power Siting Board.

EXHIBIT 2

PROJECT AREA

Orig Date: 1984
 Quad Series: 7.5'
 Paper Source: Topographic 1:24,000
 Quad Order ID: 40083-C1
 Coverage: Delaware County, OH
 Vendor: USGS