# AMERICAN TRANSMISSION SYSTEMS, INCORPORATED A FIRSTENERGY COMPANY

FILE

# **LETTER OF NOTIFICATION**

# 138 kV TRANSMISSION LINE LOOPS TO NOTTINGHAM SWITCHING STATION PROJECT

# **OPSB CASE NO.: 15-1761-EL-BLN**

**December 1, 2015** 

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

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## LETTER OF NOTIFICATION 138 kV TRANSMISSION LINE LOOPS TO NOTTINGHAM SWITCHING STATION PROJECT

The following information is being provided in accordance with the procedures in the Ohio Administrative Code (OAC) Rule 4906-11-01: Letter of Notification Requirements of the Ohio Power Siting Board.

## 4906-11-01 (B): LETTER OF NOTIFICATION REQUIREMENTS

### 4906-11-01 (B) (1) (a): Name and Reference Number

Name of Project:	138 kV Transmission Line Loops to Nottingham Switching Station Project ("Project").
2015 LTFR Reference:	This Project is not included in FirstEnergy Corp. 2015 Long Term Forecast Report submitted to the Public Utility Commission of Ohio ("PUCO") in Case Number 15-0649- EL-FOR.

## 4906-11-01 (B) (1) (b): Brief Description of the Project

In this Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to loop six (6) 138 kV transmission lines into the proposed AEP Ohio Transmission Company, Inc.'s ("AEP") Nottingham Switching Station. AEP submitted a separate filing to the Ohio Power Siting Board ("OPSB") for the Nottingham Switch Project in Case No. 14-1818-EL-BLN on November 21, 2014 and the OPSB approved that project on December 20, 2014.

The six (6) lines being looped into Nottingham Switching Station are the Brookside-Holloway, Cloverdale-Holloway, Harmon-Holloway #1, Harmon-Holloway #2, Knox-Holloway, and Longview-Holloway 138 kV Transmission Lines. Additionally, ATSI is developing a separate Letter of Notification submittal that will include a proposal to loop the existing Harmon-Holloway #1, and Cloverdale-Holloway 138 kV Transmission Lines into AEP's proposed Yager Substation, which is the subject of Case No. 15-1666-EL-BLN. When both ATSI Projects are installed, and the AEP projects completed, the

transmission line loops proposed in this Project will create the following Transmission Lines: Holloway-Nottingham #1 138 kV Transmission Line, the Holloway-Nottingham #2 138 kV Transmission Line, the Holloway-Nottingham #3 138 kV Transmission Line, the Holloway-Nottingham #4 138 kV Transmission Line, the Holloway-Nottingham #5 138 kV Transmission Line, the Holloway-Nottingham #6 138 kV Transmission Line, the Brookside-Nottingham 138 kV Transmission Line, the Harmon-Nottingham 138 kV Transmission Line, the Knox-Nottingham 138 kV Transmission Line, the Longview-Nottingham 138 kV Transmission Line, the Nottingham-Yager #1 138 kV Transmission Line, and the Nottingham-Yager #2 138 kV Transmission Line.

The proposed transmission line loops will be located in two (2) short corridors between the Nottingham Switching Station and the existing transmission lines. The southeast corridor will contain the Holloway-Nottingham #1 138 kV, the Holloway-Nottingham #2 138 kV, the Holloway-Nottingham #3 138 kV, the Holloway-Nottingham #4 138 kV, the Holloway-Nottingham #5 138 kV, and the Holloway-Nottingham #6 138 kV Transmission Lines. This proposed corridor starts at the existing transmission line rightof-way ("ROW") approximately 390 feet (0.07 miles) to the northwest of existing structure #2666. The 210 foot-wide ROW heads approximately 1,940 feet (0.37 miles) towards the northeast and then changes to a 426 foot-wide ROW and is approximately 680 feet (0.13 miles) to the Nottingham Switching Station bus structure. The total length of the corridor is approximately 2,620 feet (0.50 miles).

The six (6) transmission lines extensions in the southeast corridor will be built on two (2) single circuit transmission line configurations and two (2) double circuit transmission line configurations. The single circuits lines, Holloway-Nottingham #1 138 kV, the Holloway-Nottingham #2 138 kV Transmission Lines, will consist of eighteen (18) structures including 138 kV Wood Single Circuit Guyed Deadend Structure (Exhibit 5), 138 kV Wood Single Circuit Delta Tangent Structure (Exhibit 8), and 138 kV Wood Single Circuit Delta Braced Line Post Tangent Structure (Exhibit 9) structures. The double circuits lines, Holloway-Nottingham #3 138 kV, the Holloway-Nottingham #4 138 kV, the Holloway-Nottingham #5 138 kV, and the Holloway-Nottingham #6 138 kV

Transmission Lines, will consist of twenty-five (25) structures including 138 kV Steel Double Circuit Deadend 80°-95° Angle Structure (Exhibit 4), 138 kV Wood Double Circuit Tangent Structure (Exhibit 6), 138 kV Wood Double Circuit Braced Line Post Tangent Structure (Exhibit 7), 138 kV Wood Single Circuit Guyed Deadend Structure (Exhibit 5) 138 kV Wood Single Circuit Delta Tangent Structure (Exhibit 8), and 138 kV Wood Single Circuit Vertical Braced Line Post Tangent Structure (Exhibit 10).

The northwest corridor will contain the Knox-Nottingham 138 kV, the Nottingham-Yager #1 138 kV, the Brookside-Nottingham 138 kV, the Longview-Nottingham 138 kV, the Nottingham-Yager #2 138 kV, and the Harmon-Nottingham 138 kV Transmission Lines. This proposed corridor will start at the existing transmission line ROW approximately 1,380 feet (0.26 miles) to the northwest of existing structure #2666. The 210 foot wide ROW goes approximately 610 feet (0.12 miles) northeastward before turning towards the north for approximately 435 feet (0.08 miles). The corridor then turns towards the northeast for approximately 875 feet (0.17 miles) and then the corridor continues southeast and changes to a 426 foot wide ROW and goes approximately 715 feet (0.13 miles). The total length of the northwest corridor is approximately 2,635 feet (0.50 miles).

The six (6) transmission lines extensions in the northeast corridor will be built on two (2) single circuit transmission line configurations and two (2) double circuit transmission line configurations. The single circuits lines, Knox-Nottingham 138 kV, the Nottingham-Yager #1 138 kV Transmission Lines, will consist of twenty-one (21) structures including 138 kV Wood Single Circuit Guyed Deadend Structure (Exhibit 5), 138 kV Wood Single Circuit Delta Tangent Structure (Exhibit 8), 138 kV Wood Single Circuit Delta Tangent Structure (Exhibit 9), and 138 kV Wood Single Circuit Pulloff 20°-40° Angle Structure (Exhibit 11) structures. The double circuits lines, Brookside-Nottingham 138 kV, the Longview-Nottingham 138 kV, the Nottingham-Yager #2 138 kV, and the Harmon-Nottingham 138 kV Transmission Lines, will consist of thirty-one (31) structures including 138 kV Steel Double Circuit Deadend 80°-95° Angle

Structure (Exhibit 4), 138 kV Wood Double Circuit Tangent Structure (Exhibit 6), 138 kV Wood Double Circuit Braced Line Post Tangent Structure (Exhibit 7), 138 kV Wood Single Circuit Guyed Deadend Structure (Exhibit 5) 138 kV Wood Single Circuit Delta Tangent Structure (Exhibit 8), and 138 kV Wood Single Circuit Vertical Braced Line Post Tangent Structure (Exhibit 10), and 138 kV Wood Double Circuit Pulloff 20°-40° Angle Structure (Exhibit 12).

Sections of the existing transmission lines will be removed during construction. Approximately 0.20 miles of existing conductor and two (2) existing H-frame structures will be removed from the existing Knox-Holloway 138 kV and Harmon-Holloway #1 138 kV Transmission Lines. Approximately 0.16 miles of existing conductor will be removed from the existing Brookside-Holloway, Longview-Holloway 138 kV, Cloverdale-Holloway, and Harmon-Holloway #2 138 kV Transmission Lines.

The Project is located on State Route 519/Slumptown Road in Athens Township, Harrison County, Ohio. The general location of the Project is shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Harrison County, OH, Belmont County, OH, Quad Map, ID number 40081-B1. The general layout is shown in Exhibit 2. The Project will be located in Athens Township, Harrison County, Ohio.

#### 4906-11-01 (B) (1) (c): Letter of Notification Requirement

The Project meets the requirements for a Letter of Notification because the Project is within the types of projects defined by Items (1)(d) and (1)(f) of the Interim Application Requirement Matrix for Electric Power Transmission Lines in the Finding and Order issued on September 4, 2012, as subsequently modified on December 17, 2012, in Case No. 12-1981-GE-BRO which modified Appendix A of Rule 4906-1-01 of the Ohio Administrative Code. These items state:

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

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

(f) Lines(s) primarily needed to attract or meet the requirements of a specific customer or customers.

The proposed Project is within the requirements of Item (1)(d) as the total length of the extension of the multiple circuit electric power transmission lines in the southeast corridor and the northwest corridor is approximately 1.0 miles, which is less than the 2.0 mile limit of Item (1)(d).

The proposed Project is within the requirements of Item (1)(f) as it involves the requirements of a specific customer. The Project meets the requirements of AEP's specific customer as described on Page 2 of AEP's Letter of Notification submittal for the Nottingham Switch Project, Case No. 14-1818-EL-BLN which indicates:

"The purpose of this Project [Nottingham Switch Project] is to meet the needs of a specific customer. Markwest has requested an increase in load capacity from 20 MW to 94 MW at its existing Utica Plant along Industrial Park Road in the City of Cadiz, Harrison County, Ohio. A new 138 kV switching station, Nottingham Switch, is to be built in a breaker and a half configuration in order to serve the Markwest Utica Plant via the proposed Nottingham-Freebyrd 138 kV transmission line."

#### 4906-11-01 (B) (2): Need For the Project

The Project is needed to provide 138 kV supply to AEP's Nottingham Switching Station. The need for installing Nottingham Switching Station is described in AEP's Letter of Notification submittal in Case No. 14-1818-EL-BLN. This project is recommended by PJM under RTEP b2502.

#### 4609-11-01 (B) (3): Location of the Project Relative to Existing or Proposed Lines

The location of the Project relative to existing or proposed lines is shown in the ATSI Transmission Network Map, included as part of the confidential portion of the FirstEnergy Corp. 2015 Long-Term Forecast Report. This map was submitted to the PUCO in Case No 15-0649-EL-FOR under Rule 4901:5-5:04 (C) of the Ohio Administrative Code. The map is incorporated by reference only. This map shows ATSI's 345 kV and 138 kV transmission lines and transmission substations including the Brookside-Holloway, Cloverdale-Holloway, Knox-Holloway, Harmon-Holloway #1, Harmon-Holloway #1, and Longview-Holloway 138 kV Transmission Lines. The project area is located approximately 11  $\frac{5}{8}$  inches (11" x 17" printed version) from the left edge of the map and 7  $\frac{3}{8}$  inches (11" x 17" printed version) from the top of the map. The general location and layout of the project area is shown in Exhibit 1.

### 4609-11-01 (B) (4): Alternatives Considered

No Alternatives were considered for this Project.

## 4609-11-01 (B) (5): Construction Schedule

The construction schedule for this Project is expected to begin as early as February 1, 2016 and completed by December 1, 2016.

#### 4609-11-01 (B) (6): Area Map

Exhibit 1 depicts the general location of the Project. This Exhibit provides a partial copy of the United States Geological Survey, Harrison County, OH, Belmont County, OH quadrangle map (Quad Order ID 40081-B1). To locate and view the Project site from Columbus Ohio, take I-71 S for approximately 0.6 miles and take exit 107 to merge onto I-70 E for approximately 0.4 miles. Then take I-70 E for approximately 85 miles and take exit 186 toward Senecaville for approximately 0.2 miles. Turn left onto US-40 W for approximately 0.4 miles and turn right onto Buckeye Hiking Trail and travel approximately 0.6 miles. Continue onto Fairground Road for approximately 6.4 miles and continue onto US-22 E for approximately 18.8 miles. Take a slight right onto OH-519 E for approximately 3.9 miles. Near the intersection with Cadix-Flushing Road turn

left onto the switching station access road and continued for approximately 0.1 miles. From the switching station access road proceed approximately 0.2 miles along OH-519 E to reach existing structures #2666, #3265, #4147, and #6128 of the existing lines. The existing line structures will be approximately 50 to 150 feet off of the south side of the road. The first set of transmission line extensions start approximately 290 to 375 feet towards the northwest of the existing transmission line structures. The second set of transmission line extensions start approximately 1065 to 1420 feet northwest of the existing transmission line structures.

### 4906-11-01 (B) (7): Property Owner List

The Project is located on new and existing ROW. ATSI will acquire easements on AEP and Consol Mining Company LLC owned property prior to construction. The property information for this Project is listed below; obtained through the Harrison County Auditor.

Parcel Number	Property Owner	Property Address	Easement Status
02-0000325.000	AEP Ohio Transmission Company	County Road 29	Easement to be Obtained
02-0000116.002	AEP Ohio Transmission Company	N/A	Easement to be Obtained
02-0000099.001	AEP Ohio Transmission Company	N/A	Easement to be Obtained
02-0000123.000	AEP Ohio Transmission Company	State Route 519	Easement to be Obtained
02-0000136.000	Consol Mining Company LLC	County Road 29	Easement to be Obtained
02-0000116.000	Consol Mining Company LLC	County Road 29	Easement to be Obtained
02-0000099.000	Consol Mining Company LLC	State Route 519	Easement to be Obtained
02-0000094.000	Consol Mining Company LLC	State Route 519	Easement to be Obtained

## 4906-11-01 (C): TECHNICAL FEATURES OF THE PROJECT

## 4906-11-01 (C) (1): Operating Characteristic

The transmission line construction will have the following characteristics:

Voltage:	138 kV
Conductors:	795 kcmil 26/7 ACSR
Static Wire:	7#8 Alumoweld
Insulators:	Polymer
Structure Types:	Exhibit 3: 138 kV Steel Double Circuit Deadend 110º-115º Angle
	Exhibit 4: 138 kV Steel Double Circuit Deadend 80°-95° Angle
	Exhibit 5: 138 kV Wood Single Circuit Guyed Deadend
	Exhibit 6: 138 kV Wood Double Circuit Tangent
	Exhibit 7: 138 kV Wood Double Circuit Braced Line Post Tangent
	Exhibit 8: 138 kV Wood Single Circuit Delta Tangent
	Exhibit 9: 138 kV Wood Single Circuit Delta Braced Line Post
	Tangent
	Exhibit 10: 138 kV Wood Single Circuit Vertical Braced Line Post
	Tangent
	Exhibit 11: 138 kV Wood Single Circuit Pulloff 20°-40° Angle
	Exhibit 12: 138 kV Wood Double Circuit Pulloff 20°-40° Angle

## 4906-11-01 (C) (2) (a): Calculated Electric and Magnetic Field

The following table itemizes the line loading of the 138 kV Transmission Line loops to Nottingham Switching Station. The normal line loading represents FirstEnergy's peak system load for the transmission lines. The emergency line loading represents the maximum line loading under contingency operation. The winter rating is based on the continuous maximum conductor rating ("MCR") of the circuits for a single conductor per phase and an ambient temperature of zero degrees centigrade (32 °F), wind speed of 1.3 miles per hour, and a circuit design operating temperature of 100 °C (212 °F).

Line Name	Normal Loading Amps	Emergency Loading Amps	Winter Rating Amps
Holloway-Nottingham #1 138 kV	262.1	354.9	946
Holloway-Nottingham #2 138 kV	262.1	354.9	942
Holloway-Nottingham #3 138 kV	268.9	364	1099
Holloway-Nottingham #4 138 kV	268.9	364	1099
Holloway-Nottingham #5 138 kV	275.9	370	1318
Holloway-Nottingham #6 138 kV	275.9	370	1318
Knox-Nottingham 138 kV	288.3	380.1	946
Nottingham-Yager #1 138 kV	374.9	564.1	942
Brookside-Nottingham 138 kV	115.7	164.6	1099
Longview-Nottingham 138 kV	115.3	178.2	1099
Nottingham-Yager #2 138 kV	357.6	552.1	1318
Harmon-Nottingham 138 kV	156.5	198.6	1318

The following calculations provide an approximation of the magnetic and electric fields strengths of the 138 kV Transmission Line Loops to Nottingham Switching Station Project within the right-of-way. The calculations provide an approximation of the electric and magnetic fields levels based on specific assumptions utilizing the EPRI EMF Workstation 2009 program software. This program software assumes the input transmission line configuration is located on flat terrain. Also, a balanced, three-phase circuit loading is assumed for the transmission circuit. The model utilizes the normal, emergency, and winter rating of the transmission lines.

Table 1. Southeast Corridor Transmission Lines			
I	EMF Calculations	Electric Field kV/m	Magnetic Field mG
Normal	Under Lowest Conductors	1.77	37.71
Loading	At Right-of-Way Edges	0.45	30.4 / 15.3
Emergency	Under Lowest Conductors	1.77	50.67
Loading	At Right-of-Way Edges	0.45	40.5 / 20.5
Winter	Under Lowest Conductors	1.77	175.61
Rating	At Right-of-Way Edges	0.45	139.5 / 57.5

Table 2. Northwest Corridor Transmission Lines			
E	CMF Calculations	Electric Field kV/m	Magnetic Field mG
Normal	Under Lowest Conductors	1.9	28.77
Loading	At Right-of-Way Edges	0.27	22.4 / 14.75
Emergency	Under Lowest Conductors	1.9	41.72
Loading	At Right-of-Way Edges	0.27	32 / 20.5
Winter	Under Lowest Conductors	1.9	149.93
Rating	At Right-of-Way Edges	0.27	125 / 53.5

## 4906-11-01 (C) (2) (b): EMF Discussion

## **Background Information**

Electric and magnetic fields ("EMFs') are naturally occurring in the environment and can be found in the Earth's interior and in the human body. EMFs are generated essentially anywhere where there is a flow of electricity, including electrical appliances and power equipment. Electric fields are associated with the voltage of the source; magnetic fields are associated with the flow of current in a wire. The strength of these fields decreases rapidly with distance from the source.

## Recent Developments

As a part of the National Energy Policy Act of 1992, the Electric and Magnetic Fields Research and Public Information Dissemination ("EMF RAPID") program was initiated within the five-year effort under the National EMF Research Program. The culmination of this five-year effort resulted in a final RAPID Working Group report, which was released for public review in August 1998. The Director of the National Institute of Environmental Health Sciences ("NIEHS") then prepared a final report to Congress after 10 American Transmission Systems, Incorporated receiving public comments. The NIEHS' Director's final report, released to Congress on May 4, 1999, concluded that extremely low frequency electric and magnetic fields ("ELF-EMF") exposure cannot be recognized at this time as entirely safe because of weak scientific evidence that exposure may pose a leukemia hazard. The Director further stated that the conclusion of this report was insufficient to warrant aggressive regulatory concern.

## 4906-11-01 (C) (3): Estimated Cost

The following are the estimated capital cost by FERC Accounts for the proposed project:

Account	Cost
350 Land Rights, Engineering, etc.	\$ 624,090
355 Poles and Fixtures	\$ 6,084,156
356 Overhead Conductors & Devices	\$ 2,448,478
Total	\$ 9,156,724

## 4906-11-01 (D): SOCIOECONOMIC DATA

#### 4906-11-01 (D) (1): Land Uses

The Project is located in the Athens Township, Harrison County Ohio. The main land use around the project is reclaimed strip mining land. Based on the US Bureau of Census estimates the 2010 population of the Athens Township was approximately 505. The 2010 population of Harrison County was approximately 15,864. As the proposed Project involves installing six (6) new 138 kV transmission lines over reclaimed strip mining land, no significant changes or impacts to the current land use is anticipated.

### <u>4906-11-01 (D) (2): Agricultural Land</u>

Agricultural land use does not exist within the Project's footprint.

#### 4906-11-01 (D) (3): Archaeological or Cultural Resources

As part of ATSI's investigation of the Project, a search of Ohio Historic Preservation Office ("OHPO") National Register of Historic Places online database was conducted and did not identify the existence of any historic sites within one (1) mile of the Project Area. The OHPO database includes all Ohio listing on the National Register of Historic Places, including districts, sites, building, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture.

#### 4906-11-01 (D) (4) (a): Documentation of Letter of Notification Transmittal

This Letter of Notification is being provided concurrently to the following officials in the Athens Township, Harrison County, Ohio.

#### Harrison County

Mr. Dale Ray Norris, Chairman Harrison County Commissioner 100 W. Market St. Cadiz, OH 43907

Mr. William H. Host Harrison County Commissioner 100 W. Market St. Cadiz, OH 43907

#### Athens Township

Ms. Elizabeth Ann Deaton Athens Township Trustee 177 Main St. North PO Box 25 New Athens, OH 43981

Mr. David E. Butler Athens Township Trustee 117 E Wheeling St. PO Box 7 New Athens, OH 43981 Mr. Don Rae Bethel Harrison County Commissioner 100 W. Market St. Cadiz, OH 43907

Mr. Robert Kendall Sterling P.E., P.S. Harrison County Engineer 100 W. Market St. Cadiz, OH 43907

Mr. Michael Thomas Saffell Athens Township Trustee 103 S Main St. PO Box 4 New Athens, OH 43981

Mr. David Allen Watson Athens Township Fiscal Officer 74070 Flushing New Athens Rd PO Box 147 New Athens, OH 43981

American Transmission Systems, Incorporated 138 kV Transmission Line Loops To Nottingham Switching Station Project

Copies of the transmittal letters to these officials have been included with the transmittal letter submitting this Letter of Notification to the Ohio Power Sitting Board.

### 4906-11-01 (D) (4) (b): Public Information Program

ATSI's manager of External Affairs will advise local officials of features and the status of the proposed Project as necessary.

### 4906-11-01 (D) (5): Current or Pending Litigation

There is no known current or pending litigation involving this project.

### 4906-11-01 (D) (6): Local, State, and Federal Requirements

There is no known local, state, or federal requirements that must be met prior to the commencement of construction on the proposed Project.

## 4906-11-01 (E): ENVIRONMENTAL DATA

#### 4906-11-01 (E) (1): Endangered, Threatened, and Rare Species Investigation

As part of the investigation, a request was submitted to the Ohio Department of Natural Resources-Division of Wildlife ("ODNR") on September 28, 2015, to research the presence of any endangered, threatened, or rare species within one (1) mile of the project area. The ODNR's response on September 29, 2015 indicated that they have no records of protected species within one mile of the identified project area.

As part of the investigation, a search on the US Fish and Wildlife ("USFW") online Ohio County Distribution List of Endangered Species lists one endangered and one threatened species in Harrison County Ohio. The endangered species is the Indiana Bat (*Myotis sodalis*) and the threatened species is the Northern Long-eared Bat (*Myotis septentrionalis*). The majority of the project area is located within an open fields with few trees. A portion of the proposed lines are located in wooded areas. If potentially suitable habitat for protected bat species is found, the recommended seasonal tree cutting between October 1<sup>st</sup> and March 31<sup>st</sup> is will be implemented.

#### 4906-11-01 (E) (2): Areas of Ecological Concern

As part of the investigation, a request was submitted to the ODNR on September 28, 2015, to research the presence of any unique ecological sites, geological features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks or forest, national wildlife refuges, or other protected natural areas within one (1) mile of the project area. The ODNR's September 29, 2015 response indicated that they have no records of the aforementioned areas within one (1) mile of the identified project area.

As part of their investigation, AEP contracted AECOM to conduct a wetland delineation and stream assessment a portion of the Project area. The AEP investigation focused on the 114.25 acre parcel encompassing the proposed Nottingham Switching Station. Throughout the 114.25 acres, AECOM identified 6 PEM Category 1 wetlands totaling 1.15 acres in size. No streams or ponds were identified in the survey area. ATSI will conduct a wetland and stream assessment on the balance of the Project area that will encompass the proposed transmission loops.

Preliminary engineering plans for the proposed transmission lines to aerially span the wetlands. No structures are planned within a wetland. Construction access through wetland areas will be avoided to the extent practical. Heavy equipment working in wetlands will be placed on construction matting, or other measures will be taken to minimize temporary disturbance. Construction Best Management Practices ("BMPs") will be implemented as needed, and a Construction Strom Water NPDES permit will be secured for earth disturbance that exceeds one acre. All necessary permits will be obtained before construction starts.

#### 4906-11-01 (E) (3): Additional Information

Construction and operation of the proposed Project will be in accordance with the requirements specified in the latest revision of the National Electric Safety Code as

adopted by PUCO and will meet all applicable safety standards established by the Occupational Safety and Health Administration.

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