

2014 SEP 22 AM 10: 40

PUCO

September 19, 2014

Patrick Donlon, Executive Director Ohio Power Siting Board 180 East Broad Street, 6th Floor Columbus, OH 43215-3793

Re: Leroy Center Switching Station 138 kV

Transmission Lines Reconfiguration Project

Ohio Power Siting Board Case No. 14-1405-EL-BNR

Dear Mr. Donlon,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, today under separate cover, has filed with the Public Utilities Commission of Ohio, Docketing Division, the subject Construction Notice ("CN"). The Project is located in LeRoy Township, Lake County, Ohio. ATSI, also under separate cover, has submitted a payment of \$2,000 so that the CN may be reviewed on an expedited basis.

If you have any question, please contact me at (304) 534-7456

Sincerely,

Travis M. Turner

Engineer

Energy Delivery Transmission and

Substation Design

FirstEnergy Service Company

Travis M. Turner

cc: Docketing Division (PUCO)
J. O'Dell

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 rectnician Date Processed 9/22//K



Ms. Barcy F. McNeal Docketing Division The Public Utilities Commission of Ohio 180 East Broad Street Columbus, OH 43215-3793

Construction Notice
Leroy Center Switching Station 138 kV
Transmission Lines Reconfiguration Project
Case No. 14-1405-EL-BNR

PUCO

Dear Ms. McNeal:

In accordance with Administrative Code Rule 4906-11-01, American Transmission Systems, Inc. ("ATSI"), a FirstEnergy company, transmits one (1) original and eleven (11) copies of the enclosed Construction Notice for the above captioned Project. In this Project, ATSI is proposing to reconfigure the existing Leroy Center-Nursery Q11 and Q12 138 kV Transmission Lines and Ashtabula-Mayfield Q1, Q2, Q3, and Q4 138 kV Transmission Lines taps. The existing and reconfigured transmission line connections extend approximately 160 feet between the existing Leroy Center Switching Station and the first transmission line structure located on the north side of the station. No new structures will be installed as part of the proposed project and only the transmission line connections will be reconfigured. The Project area is located in LeRoy Township, Lake County, Ohio.

ATSI is requesting expedited review of this Construction Notice and will file the appropriate fee for expedited review under separate cover.

Please be advised of the following:

a) Name and address of the applicant:

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

b) Name of proposed facilities:

Leroy Center Switching Station 138 kV Transmission Lines Reconfiguration Project.

c) Location of proposed facilities:

The Project area is located in LeRoy Township, Lake County, Ohio.

d) Description of proposed facilities:

The Project involves reconfiguring the existing Leroy Center-Nursery Q11 and Q12 138 kV Transmission Lines and Ashtabula-Mayfield Q1, Q2, Q3, and Q4 138 kV Transmission Lines taps. The existing and reconfigured transmission line taps will extend approximately 160 feet (0.03 mile) between ATSI's existing tap structure to the existing Leroy Center Switching Station. No new structures will be installed. The Project area is located in LeRoy Township, Lake County, Ohio.

e) Applicant's representative:

Travis M. Turner
Engineer III, Transmission Siting
Energy Delivery Transmission and Substation Design
FirstEnergy Service Company
5001 NASA Boulevard
Fairmont, WV 26554

After docketing this filing, please return one time-stamped copy of the Construction Notice for our records to us in the enclosed envelope. We have provided a copy of this Construction Notice by certified mail, with return receipt requested, to officials of the political subdivisions immediately affected by the proposed Project as listed in the attached Exhibit 1. Copies of the transmittal letters addressed to the local government representatives of LeRoy Township and Lake County are enclosed for your file.

Should the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (304) 534-7456.

Sincerely,

Travis M. Turner

Engineer III, Transmission Siting Energy Delivery Transmission &

Travis on Turner

Substation Design

FirstEnergy Service Company

EXHIBIT 1

Officials Served Copy of Construction Notice Leroy Center Switching Station 138 kV Transmission Lines Reconfiguration Project Case No. 14-1405-EL-BLN

LeRoy Township

Chuck Klco, Trustee 14510 Valentine Road Thompson, Ohio 44086

Rich Van Pelt, Trustee Chairman 6522 Indian Point Road LeRoy Township, Ohio 44077 Heather Shelton, Trustee 6500 Taylor Road LeRoy Township, Ohio 44077

Sharon Rodgers, Fiscal Officer 5920 Paine Road LeRoy Township, Ohio 44077

Lake County

Daniel P. Troy, Board President 105 Main Street Painesville, Ohio 44077

Robert E. Aufuldish, Commissioner 105 Main Street Painesville, Ohio 44077 Judy Moran, Commissioner 105 Main Street Painesville, Ohio 44077

Lake County Park District

Lake County MetroParks
Paul Palagyi, Executive Director
11211 Spear Road
Concord Township, OH 44077

AMERICAN TRANSMISSION SYSTEMS, INCORPORATED A FIRSTENERGY COMPANY

CONSTRUCTION NOTICE

LEROY CENTER SWITCHING STATION 138 kV TRANSMISSION LINES RECONFIGURATION PROJECT

OPSB CASE NO.: 14-1405-EL-BNR

September 19, 2014

2014 SEP 22 AM 10:

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

CONSTRUCTION NOTICE LEROY CENTER SWITCHING STATION 138 kV TRANSMISSION LINES RECONFIGURATION PROJECT

The following application is being submitted in accordance with Ohio Administrative Code Rule 4906-11-02: <u>Construction Notice Requirements</u> of the Rules of the Ohio Power Siting Board.

4906-11-02 (B): Information Requirements

4906-11-02 (B) (1): Name of the Project

Name of Project: Leroy Center Switching Station 138 kV Transmission Lines

Reconfiguration Project ("Project").

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

In this Project, American Transmission Systems, Incorporated ("ATSI"), a
FirstEnergy company, is proposing to reconfigure the existing Leroy Center-Nursery
Q11 and Q12 138 kV Transmission Lines and Ashtabula-Mayfield Q1, Q2, Q3, and
Q4 138 kV Transmission Lines connections to the Leroy Center Switching Station.
The existing and reconfigured transmission line connections extend approximately 160
feet between the existing Leroy Center Switching Station and the first transmission
line structure located on the north side of the station. No new structures will be
installed as part of the proposed Project and only the transmission line connections
will be reconfigured. The general location of the Project is shown in Exhibit 1. Exhibit
2A and Exhibit 2B depict the existing and proposed configuration of the transmission
lines. The Project is located in the LeRoy Township, Lake County, Ohio.

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 projects defined by Item (1)(c) 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, which modified Appendix A of Rule 4906-1-01 of the Ohio Administrative Code. This item states:

- (1) Rerouting or extension or new construction of single or multiple circuit electric power transmission(s) as follows:
 - (c) Line(s) one hundred twenty-five kV and above, and less than three hundred kV, and not greater than 0.2 miles in length.

The proposed Project reconfigures approximately 160 feet (0.03 miles) of each of the existing Leroy Center-Nursery Q11 and Q12 and Ashtabula-Mayfield Q1, Q2, Q3, and Q4 138 kV Transmission Lines adjacent to the existing Leroy Center Switching Station. No extension or new construction is proposed in this Project.

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

The Leroy Center Switching Station is part of ATSI's transmission system in the greater Cleveland / Akron area that provides electricity to The Cleveland Electric Illuminating Company ("CEI") and Ohio Edison Company ("Ohio Edison") service territories. The existing Leroy Center Switching Station presently serves as a 138 kV transmission switching station.

The retirement of coal-fired generating plants and load growth within the Cleveland Metropolitan Area will require ATSI to import electricity into this area to meet current and expected loads and to compensate for the loss of the retired generating plants. The Project is part of ATSI plan to upgrade their existing substations and transmission lines due to capacity limitations and to prevent thermal overloads of these facilities resulting from the retirement of generation resources within the Cleveland Metropolitan Area.

The proposed Project is part of two projects planned for the Leroy Center Switching Station. The first project (described herein), includes the installation of six additional 138 kV breakers within the existing fence line to create a breaker and one-half configuration and the reconfiguration of the existing 138kV transmission lines

entering the north side of the switching station. The reconfiguration of the 138kV transmission lines and the addition of the 138kV breakers establish an operational arrangement at the switching station that provides increased reliability and greater flexibility for breaker and transmission line outages. The installation of this Project also supports additional improvements to the switching station that will occur, if approved by the Board, following the second project at the station. The second project, which will be proposed as a separate filing, includes the expansion of the Leroy Center Switching Station through the addition of 345 to 138 kV transformation; thereby creating the Leroy Center Switching Station and Substation, more commonly known as the Leroy Center Substation. ATSI anticipates submitting the second project to the Board later in 2014.

Ultimately, both projects at Leroy Center Switching Station, will alleviate import capacity limitations, improve thermal overloads under certain contingency situations, and add capacity to the Cleveland / Akron area for future growth.

This Project is entirely located on property used for the Leroy Center Switching Station and owned by The Cleveland Electric Illuminating Company.

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

Construction of the project is expected to begin as early as October 30, 2014 and be completed by December 31, 2014.

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

The following is the estimated capital cost for the Project:

Estimated Cost

\$350,000

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

The existing and new transmission line construction will have the following characteristics:

Leroy Center-Nursery Q11 and Q12 138 kV Transmission Lines:

Voltage:

138 kV

Conductors:

795 ACSR

Static wire:

7#8 Alumoweld Shield Wire

Insulators:

Polymer

Ashtabula-Mayfield Q1, Q2, Q3 and Q4 138 kV Transmission Lines:

Voltage:

138 kV

Conductors:

4/0 CU

Static wire:

7#8 Alumoweld Shield Wire

Insulators:

Polymer

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

Exhibit 1 depicts the General Project Location of the Project. To locate and view the Project site from the Columbus, Ohio area, travel north on I-71 for approximately 113 miles. Take exit 220 to merge onto I-271 north. Continue on I-271 N for approximately 40 miles. Take the ramp for I-90 east and travel for approximately 16 miles. Take Exit 205 for Vrooman Road toward US-86 south. After approximately 0.2 mile, turn right onto Vrooman Road. Continue on Vrooman Road for approximately 1.4 miles and then turn left onto Leroy Center Road. Travel on Leroy Center Road for approximately 1.7 miles. The Leroy Center Switching Station will be on the left side of the road.

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

This Project is located on property owned by The Cleveland Electric Illuminating Company, a FirstEnergy Company. No new easements or right-of-way for reconfiguring the transmission lines is necessary.

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

This Construction Notice is being provided concurrently with filing to the following officials of LeRoy Township, and Lake County, Ohio:

LeRoy Township

Chuck Klco, Trustee 14510 Valentine Road Thompson, Ohio 44086

Rich Van Pelt, Trustee Chairman 6522 Indian Point Road LeRoy Township, Ohio 44077 Heather Shelton, Trustee 6500 Taylor Road LeRoy Township, Ohio 44077

Sharon Rodgers, Fiscal Officer 5920 Paine Road LeRoy Township, Ohio 44077

Lake County

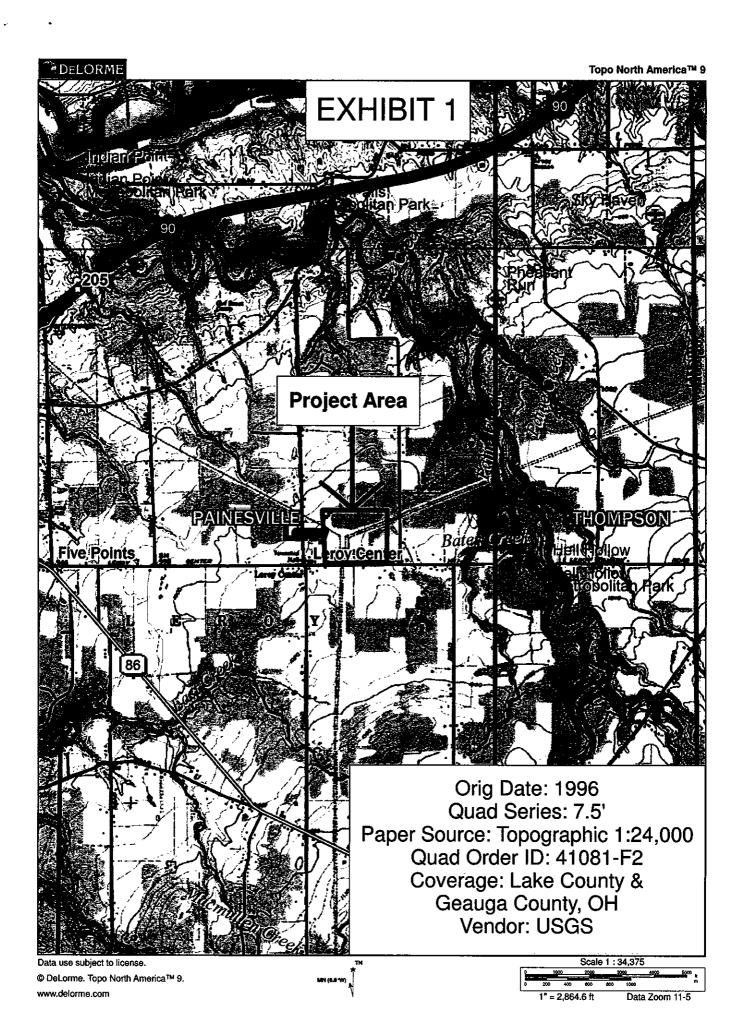
Daniel P. Troy, Board President 105 Main Street Painesville, Ohio 44077

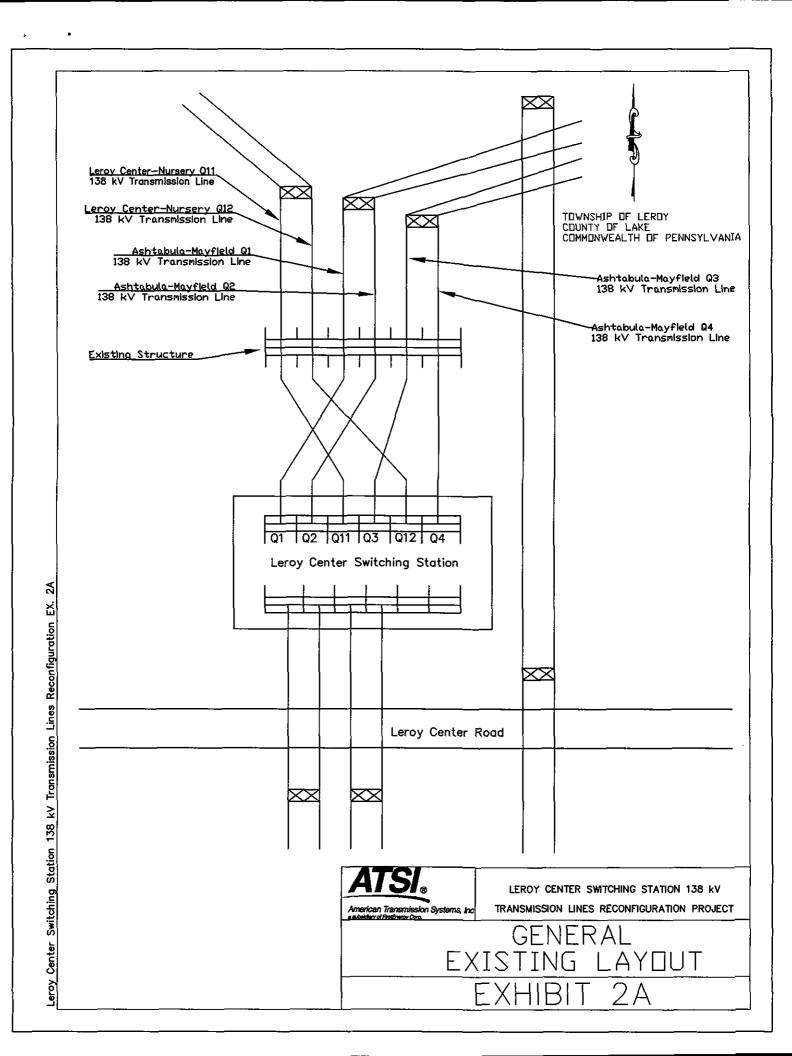
Robert E. Aufuldish, Commissioner 105 Main Street Painesville, Ohio 44077 Judy Moran, Commissioner 105 Main Street Painesville, Ohio 44077

Lake County Park District

Lake County MetroParks
Paul Palagyi, Executive Director
11211 Spear Road
Concord Township, OH 44077

Copies of the transmittal letters to these officials are included with this Construction Notice.





Chuck Klco, Trustee 14510 Valentine Road Thompson, Ohio 44086

Construction Notice
Leroy Center Switching Station 138 kV
Transmission Lines Reconfiguration Project
Case No. 14-1405-EL-BNR

PUCO

Dear Mr. Klco,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to reconfigure the existing Leroy Center-Nursery Q11 and Q12 138 kV Transmission Lines and Ashtabula-Mayfield Q1, Q2, Q3, and Q4 138 kV Transmission Lines taps. The existing and reconfigured transmission line connections extend approximately 160 feet between the existing Leroy Center Switching Station and the first transmission line structure located on the north side of the station. No new structures will be installed as part of the proposed project and only the transmission line connections will be reconfigured. The Project area is located in LeRoy Township, Lake County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-11-01, this Project falls within the Ohio Power Siting Board's requirements for a Construction Notice ("CN"). Therefore, in compliance with OAC 4906-11-01, we have prepared and filed the attached CN with the OPSB for their review and approval. The CN contains a description of the Project, and is provided for your information.

I will be happy to answer your questions concerning this matter. You may contact me at (304) 534-7456.

Sincerely,

Travis M. Turner

Engineer III, Transmission Siting

Energy Delivery Transmission & Substation Design

FirstEnergy Service Company

Trais M. Turner



Rich Van Pelt, Trustee Chairman 6522 Indian Point Road LeRoy Township, Ohio 44077

Construction Notice Leroy Center Switching Station 138 kV Transmission Lines Reconfiguration Project Case No. 14-1405-EL-BNR

Dear Mr. Van Pelt,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to reconfigure the existing Leroy Center-Nursery Q11 and Q12 138 kV Transmission Lines and Ashtabula-Mayfield Q1, Q2, Q3, and Q4 138 kV Transmission Lines taps. The existing and reconfigured transmission line connections extend approximately 160 feet between the existing Leroy Center Switching Station and the first transmission line structure located on the north side of the station. No new structures will be installed as part of the proposed project and only the transmission line connections will be reconfigured. The Project area is located in LeRoy Township, Lake County, Ohio.

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FirstEnergy Service Company

Travis on Turner



Heather Shelton, Trustee 6500 Taylor Road LeRoy Township, Ohio 44077

Construction Notice Leroy Center Switching Station 138 kV Transmission Lines Reconfiguration Project Case No. 14-1405-EL-BNR

Dear Ms. Shelton,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to reconfigure the existing Leroy Center-Nursery Q11 and Q12 138 kV Transmission Lines and Ashtabula-Mayfield Q1, Q2, Q3, and Q4 138 kV Transmission Lines taps. The existing and reconfigured transmission line connections extend approximately 160 feet between the existing Leroy Center Switching Station and the first transmission line structure located on the north side of the station. No new structures will be installed as part of the proposed project and only the transmission line connections will be reconfigured. The Project area is located in LeRoy Township, Lake County, Ohio.

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Travis M. Turner

Engineer III, Transmission Siting

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Energy Delivery Transmission & Substation Design

FirstEnergy Service Company



Sharon Rodgers, Fiscal Officer 5920 Paine Road LeRoy Township, Ohio 44077

Construction Notice Leroy Center Switching Station 138 kV Transmission Lines Reconfiguration Project Case No. 14-1405-EL-BNR

Dear Ms. Rodgers,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to reconfigure the existing Leroy Center-Nursery Q11 and Q12 138 kV Transmission Lines and Ashtabula-Mayfield Q1, Q2, Q3, and Q4 138 kV Transmission Lines taps. The existing and reconfigured transmission line connections extend approximately 160 feet between the existing Leroy Center Switching Station and the first transmission line structure located on the north side of the station. No new structures will be installed as part of the proposed project and only the transmission line connections will be reconfigured. The Project area is located in LeRoy Township, Lake County, Ohio.

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Travis M. Turner

Energy Delivery Transmission & Substation Design

FirstEnergy Service Company



Daniel P. Troy, Board President 105 Main Street Painesville, Ohio 44077

Construction Notice Leroy Center Switching Station 138 kV Transmission Lines Reconfiguration Project Case No. 14-1405-EL-BNR

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Sincerely,

Travis M. Turner

Engineer III, Transmission Siting

Travis M. Turner

Energy Delivery Transmission & Substation Design

FirstEnergy Service Company



Robert E. Aufuldish, Commissioner 105 Main Street Painesville, Ohio 44077

Construction Notice Leroy Center Switching Station 138 kV Transmission Lines Reconfiguration Project Case No. 14-1405-EL-BNR

Dear Mr. Aufuldish,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to reconfigure the existing Leroy Center-Nursery Q11 and Q12 138 kV Transmission Lines and Ashtabula-Mayfield Q1, Q2, Q3, and Q4 138 kV Transmission Lines taps. The existing and reconfigured transmission line connections extend approximately 160 feet between the existing Leroy Center Switching Station and the first transmission line structure located on the north side of the station. No new structures will be installed as part of the proposed project and only the transmission line connections will be reconfigured. The Project area is located in LeRoy Township, Lake County, Ohio.

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Engineer III, Transmission Siting

Energy Delivery Transmission & Substation Design

FirstEnergy Service Company

Travis M. Juner



Judy Moran, Commissioner 105 Main Street Painesville, Ohio 44077

Construction Notice Leroy Center Switching Station 138 kV Transmission Lines Reconfiguration Project Case No. 14-1405-EL-BNR

Dear Ms. Moran,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to reconfigure the existing Leroy Center-Nursery Q11 and Q12 138 kV Transmission Lines and Ashtabula-Mayfield Q1, Q2, Q3, and Q4 138 kV Transmission Lines taps. The existing and reconfigured transmission line connections extend approximately 160 feet between the existing Leroy Center Switching Station and the first transmission line structure located on the north side of the station. No new structures will be installed as part of the proposed project and only the transmission line connections will be reconfigured. The Project area is located in LeRoy Township, Lake County, Ohio.

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Sincerely,

Travis M. Turner

Engineer III, Transmission Siting

Travis m. Turner

Energy Delivery Transmission & Substation Design

FirstEnergy Service Company



Lake County MetroParks
Paul Palagyi, Executive Director
11211 Spear Road
Concord Township, OH 44077

Construction Notice
Leroy Center Switching Station 138 kV
Transmission Lines Reconfiguration Project
Case No. 14-1405-EL-BNR

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