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February 4, 2013

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

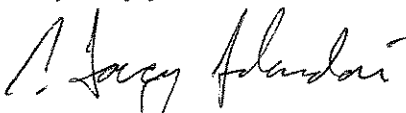
RE: **In the Matter of the Application of  
American Transmission Systems,  
Incorporated for a Certificate of  
Environmental Compatibility and Public  
Need for the Construction of the Glenwillow  
Transmission Switching Substation, Case  
No. 12-1727-EL-BSB**

Dear Ms. McNeal:

Enclosed please find the "Initial Testimony of Jay A. Ruberto On  
Behalf of American Transmission Systems, Incorporated" in the above  
referenced matter.

Please feel free to contact me with any questions or concerns.

Very truly yours,



C. Darcy Jalandoni

CDJ  
Attachment

CERTIFICATE OF SERVICE

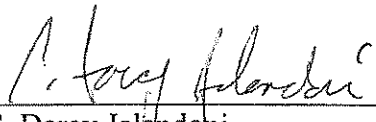
I hereby certify that a copy of the "Initial Testimony of Jay A. Ruberto on Behalf of American Transmission Systems, Incorporated" was served upon the following persons by electronic service, email and regular mail on February 4, 2013 to:

Jay S. Agranoff  
Administrative Law Judge  
Public Utilities Commission of Ohio  
180 E. Broad Street  
Columbus, OH 43215

Kimberly L. Keeton  
Office of the Attorney General of Ohio  
Public Utilities Section  
180 East Broad Street  
Columbus, OH 43215

Klaus Lambeck, Chief  
Facilities, Siting & Env. Analysis Division  
Ohio Power Siting Board  
180 East Broad Street  
Columbus, Ohio 43215

Stephen M. Klonowski  
Mayor's Office  
Village of Glenwillow  
29555 Pettibone Road  
Glenwillow, OH 44139

  
\_\_\_\_\_  
C. Darcy Jalandoni

**BEFORE THE**  
**OHIO POWER SITING BOARD**

In the Matter of the Application of )  
American Transmission Systems, Incorporated )  
for a Certificate of Environmental Compatibility )  
and Public Need for the Glenwillow Transmission )  
Switching Substation Project )

Case Numbers:  
12-1727-EL-BSB

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INITIAL TESTIMONY OF

JAY A. RUBERTO

ON BEHALF OF

AMERICAN TRANSMISSION SYSTEMS, INCORPORATED

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1  
2 **TESTIMONY OF MR. JAY A. RUBERTO**  
3

4 **INTRODUCTION AND PURPOSE**

5 **Q. PLEASE STATE YOUR NAME, EMPLOYER, BUSINESS ADDRESS AND**  
6 **POSITION.**

7 A. My name is Jay A. Ruberto. I am employed by the FirstEnergy Service Company. My  
8 business address is 5001 NASA Boulevard, Fairmont WV 26554. I am a Senior Advisor in  
9 the Transmission and Substation Engineering Group of the Energy Delivery organizational  
10 unit. Additional information regarding my education and work experience can be found in  
11 Attachment A.  
12

13 **OBSERVATIONS THAT WILL ASSIST THE READER WITH UNDERSTANDING**

14 **THIS TESTIMONY**  
15

16 **Q. BEFORE TURNING TO SUBSTANTIVE MATTERS, DO YOU HAVE ANY**  
17 **OBSERVATIONS THAT WILL ASSIST THE READER WITH UNDERSTANDING**  
18 **THIS TESTIMONY?**

19 A. Yes. My testimony is being submitted in the proceedings for Glenwillow Transmission  
20 Switching Substation Project (Ohio Power Siting Board Case no. 12-1727-EL-BSB).

21 Unless otherwise indicated, capitalized terms that are used in my testimony have the same  
22 meaning as the same capitalized terms have in the Application. The common terms used in  
23 my testimony are as follows:  
24

1     **Application:** means the Application of American Transmission Systems, Incorporated for a  
2     Certificate of Environmental Compatibility and Public Need for the Glenwillow  
3     Transmission Switching Substation.

4     **Applicant:** means American Transmission Systems, Incorporated.

5     **ATSI:** means American Transmission Systems, Incorporated, the Applicant in this  
6     proceeding.

7     **Glenwillow Transmission Switching Substation:** means the construction of a transmission  
8     switching substation as proposed at the Preferred Site as described in Case No. 12-1727-EL-  
9     BSB.

10    **OPSB:** means the Ohio Power Siting Board.

11    **Project:** means the proposed Glenwillow Transmission Switching Substation Project.

12    **ODNR:** means the Ohio Department of Natural Resources.

13    **ODOT:** means the Ohio Department of Transportation.

14    **OEPA:** means Ohio Environmental Protection Agency.

15  
16    Also, I note that the Application is filed with the OPSB and posted on the Board's website,  
17    and therefore available to all parties who have been granted intervention and other interested  
18    parties.

19  
20    Finally and again speaking as sponsor of the Application, in the unlikely event that there is a  
21    difference between data or information provided in the Applicant's prefiled testimony and  
22    the Application, the data or information in the prefiled testimony will control.

1 **OVERVIEW OF THE APPLICATION**

2

3 **Q. WHAT IS THE PURPOSE OF THIS PART OF YOUR TESTIMONY?**

4 A. This section of my prefiled testimony will provide a summary of how the Application is  
5 organized and will briefly summarize each section of the Application.  
6

7 **Q. HOW IS THE APPLICATION ORGANIZED?**

8 A. The Application was submitted in Docket No. 12-1727-EL-BSB.

9 The Application was prepared in accordance with the OPSB's rules as provided in Chapter  
10 4906-15 of the Ohio Administrative Code which is titled "Instructions for the Preparation of  
11 Certificate Applications for Electric Power, Gas and Natural Gas Transmission Facilities."  
12 This chapter of the OPSB's rules is divided into seven second level divisions, sections 4906-  
13 15-01 through 4906-15-07. The seven sections are further divided into third level divisions,  
14 (A), (B), (C), ..., (n) section titles. Some section titles are further divided into fourth level  
15 divisions, (1), (2), (3), ..., (n) subsection titles. Some subsection titles are further divided  
16 into fifth level divisions, (a), (b), (c), ..., (n) subheadings. Some of the subheadings are  
17 further divided into sixth level divisions, (i), (ii), (iii), ..., (n) sub-subheadings. The OPSB's  
18 rules generally instruct an applicant to provide narrative and other data in response to each  
19 section, section titles, subsection, and subheadings. Most of the sub-subheadings direct the  
20 applicant to provide information on maps or figures and typically do not require a narrative  
21 response.  
22

1 The Application mirrors the organization of Chapter 4906-15 of the Ohio Administrative  
2 Code. Thus, the Application is organized into seven sections, each of which corresponds to  
3 the sections in Chapter 4906-15-01 through 4906-15-07 of the OPSB rules. Each page of  
4 each section is numbered with identification unique to that section, for example the page  
5 numbers of the section corresponding to section 4906-15-01 are number 01-1, 01-2, 01-3,  
6 etc. Further, the various Tables, Exhibits and Appendixes of each section also utilize a  
7 similar numbering nomenclature. The sections of the Application are further divided to  
8 correspond to the section titles, subsection titles, subheadings and sub-subheadings, each of  
9 which is numbered with a heading that corresponds to the associated parts of Chapter 4906-  
10 15 of the OPSB rules. Where the appropriate response to the OPSB rules requires inclusion  
11 of information on a map, exhibit or similar document, more so for the sub-subheading  
12 aspects of the rules, the information is provided on a map or exhibit and usually described in  
13 the narrative of the next higher division.

14  
15 **Q. PLEASE BRIEFLY SUMMARIZE EACH SECTION OF THE APPLICATION.**

16 A. The Application was submitted to the OPSB on November 9, 2012. The Project was  
17 submitted in a single volume marked as the Glenwillow Transmission Switching Substation  
18 Project.

19  
20 The seven sections of each Application are:

- 21 • Section 1 – Project Summary and Facility Overview, beginning at page 1-1 of the  
22 Application, addresses the requirements of the OPSB rules provided in Ohio

Administrative Code Section No. 4906-15-01 – Project Summary and Facility Overview;

- Section 2 – Review of Need for Proposed Project, beginning at page 2-1 of the Application, addresses the requirements of the OPSB rules provided in Ohio Administrative Code Section No. 4906-15-02 – Review of Need for Proposed Project;
- Section 3 – Site and Route Alternatives Analysis, beginning at page 3-1 of the Application, addresses the requirements of the OPSB rules provided in Ohio Administrative Code Section No. 4906-15-03 – Site and Route Alternatives Analysis;
- Section 4 – Technical Data, beginning at page 4-1 of the Application, addresses the requirements of the OPSB rules provided in Ohio Administrative Code Section No. 4906-15-04 – Technical Data;
- Section 5 – Financial Data, beginning at page 5-1 of the Application, addresses the requirements of the OPSB rules provided in Ohio Administrative Code Section No. 4906-15-05 – Financial Data;
- Section 6 – Socioeconomic and Land Use Impact Analysis, beginning at page 6-1 of the Application, addresses the requirements of the OPSB rules provided in Ohio Administrative Code Section No. 4906-15-06 – Socioeconomic and Land Use Impact Analysis; and
- Section 7 – Ecological Impact Analysis, beginning at page 7-1 of the Application, addresses the requirements of the OPSB rules provided in Ohio Administrative Code Section No. 4906-15-07 – Ecological Impact Analysis.



**APPLICANT'S WITNESS' RESPONSIBILITIES FOR SPONSORING THE VARIOUS**  
**PARTS OF THE APPLICATION**

**Q. PLEASE IDENTIFY THE APPLICANT'S WITNESSES THAT ARE SPONSORING EACH PART OR SUBPART OF THE APPLICATION.**

A. I am sponsoring the Application as an entire document.

**Q. WHAT DO YOU MEAN WHEN YOU SAY YOU ARE SPONSORING THE ENTIRE APPLICATION?**

A. That the data and information in the identified parts of the Application, including tables, figures and appendices, were either prepared by me, or prepared under my supervision as the person at FirstEnergy Service Company on behalf of ATSI responsible for the overall preparation of the Application. For the parts of the Application where I relied on technical knowledge or other information provided by consultants, experts or other individuals working on behalf of ATSI, I am familiar with those portions of the Application and the information provided therein, and I am sponsoring that information on behalf of ATSI.

**Q. TO THE BEST OF YOUR INFORMATION AND BELIEF IS THE APPLICATION SUBMITTED TO THE OHIO POWER SITING BOARD COMPLETE AND ACCURATE?**

A. Yes.

1     **ADDITIONAL TESTIMONY IN RESPONSE TO PUBLIC COMMENTS AND OTHER**  
2                                     **ISSUES**

3  
4     **Q. DID YOU ATTEND THE JANUARY 30, 2013 PUBLIC HEARING ON THE**  
5       **PROJECT?**

6     A. Yes.

7  
8     **Q. DO YOU HAVE ANY COMMENTS ON TESTIMONY GIVEN AT THE PUBLIC**  
9       **HEARING?**

10    A. Yes. One person spoke in favor of the project and the two other persons who provided  
11       testimony in general questioned why the substation couldn't be located somewhere other than  
12       within Glenwillow Village. As discussed in Section 3 of the Application, ATSI conducted a  
13       siting analysis to determine a location for the new 345 kV switching substation that best  
14       balances social, environmental, engineering and economic considerations. The goal of the  
15       siting study was to select an appropriate site for a new 345 kV switching substation to  
16       connect two existing 345 kV transmission lines as well as the proposed Bruce Mansfield –  
17       Glenwillow 345 kV Transmission Line. And while many potential sites were considered, the  
18       preferred site is compatible with existing land use, is generally cleared of trees, has no houses  
19       located within 1,000 feet, has no known cultural or historic resource concerns, and has  
20       minimal wetland and stream features onsite. In addition, the property parcel of the preferred  
21       site that ATSI has acquired also includes the location of the new and existing 345 kV  
22       transmission lines that need to be connected to the substation. The extension of these  
23       transmission lines to the preferred site of the substation can be installed entirely within this

1 property parcel. Our evaluations demonstrate the preferred site represents the minimum  
2 adverse environmental impact, considering the state of available technology and the nature  
3 and economics of the various alternatives and other pertinent considerations.

4  
5 **Q. HAS THE APPLICANT DISCUSSED THE RECOMMENDED CONDITIONS FOR**  
6 **THE PROJECT WITH THE OTHER PARTIES IN THE CASE?**

7 A. Not at the time of the filing of this testimony, however, the Applicant and the OPSB Staff  
8 have scheduled a conference call for February 7, 2013 to discuss the recommended  
9 conditions included in the Staff Report of Investigation. Applicant anticipates that a Joint  
10 Stipulation will be filed in this matter following that conference call.

11  
12 **Q. WILL GLENWILLOW VILLAGE PARTICIPATE IN THE DISCUSSION OF THE**  
13 **CONDITIONS?**

14 A. At this time, we do not believe that Glenwillow Village will participate in discussions  
15 regarding recommended conditions for the Project. We believe ATSI and Glenwillow  
16 Village have reached an agreement that addresses Glenwillow Village's concerns with the  
17 Project. At the time of the submittal of this testimony, therefore, we believe that Glenwillow  
18 Village will withdraw their intervention or agree to the terms of the Joint Stipulation.

19  
20 **Q. DOES THIS CONCLUDE YOUR INITIAL DIRECT TESTIMONY?**

21 A. Yes it does. However, I reserve the right to supplement my initial testimony if anything  
22 changes with respect to the status of the Application, the Staff's Recommended Conditions,  
23 or for the development of any stipulations with the Staff or intervening party.

## **ATTACHMENT A**

### **SUMMARY OF EDUCATION AND WORK EXPERIENCE OF JAY A.**

**RUBERTO**

1 **Q. HOW LONG HAVE YOU BEEN EMPLOYED BY FIRSTENERGY SERVICE**  
2 **COMPANY, FIRSTENERGY CORP., OR ITS OTHER SUBSIDIARIES OR**  
3 **PREDECESSOR COMPANIES?**

4 A. I have been employed with FirstEnergy Service Company, or other FirstEnergy subsidiaries  
5 or predecessors, continuously since September 1984.  
6

7 **Q. WHAT IS YOUR CURRENT JOB TITLE?**

8 A. I am Senior Advisor, Transmission and Substation Engineering in the Transmission  
9 Engineering Group of the Energy Delivery organizational unit.  
10

11 **Q. HOW LONG HAVE YOU BEEN IN YOUR CURRENT POSITION?**

12 A. I was named to my current position in April 2011 following the merger between FirstEnergy  
13 and Allegheny Energy.  
14

15 **Q. PLEASE DESCRIBE YOUR CURRENT POSITION.**

16 A. In this position I provide support for FirstEnergy's and its subsidiaries, including ATSI,  
17 efforts to site new transmission facilities, by assisting with efforts in developing transmission  
18 line route siting studies, transmission substation siting studies, and associated regulatory  
19 filings. This also involves working with internal and external resources that include  
20 FirstEnergy's Legal-Regulatory, Real Estate, Transmission Engineering, Customer Support,  
21 External Affairs Managers, Environmental Permitting & Compliance, Vegetation  
22 Management, Operations Support, Transmission Lines Services Department, Public

1 Communications, Regional Organizations, Area Managers, and Asset Management  
2 Departments.

3  
4 **Q. PLEASE DESCRIBE, BRIEFLY AND GENERALLY, THE POSITIONS YOU HAVE**  
5 **HELD IN YOUR CAREER WITH FIRSTENERGY.**

6 A. Prior to the merger with Allegheny Energy, I was employed by Allegheny Energy Service  
7 Corporation as Director, Transmission Siting since 2006 and was responsible for directing  
8 the activities associated with the siting of transmission lines, real estate and rights of way,  
9 drafting, documents and records, permitting and surveying for the regulated companies of  
10 Allegheny Energy. Prior to that position, I was Director, Customer Service Center since  
11 1999 where I directed the call center and various customer service and billing functions for  
12 the operating companies of Allegheny Energy. Prior to that I held various positions  
13 including General Manager of the Customer Service Center, Team Leader of Customer  
14 Service Center Support, Supervisor, Division Customer Services and Accounting, and  
15 various Engineering positions. My current assignments include leading and assisting in the  
16 coordination of environmental studies and regulatory permitting for various FirstEnergy's  
17 transmission projects.

18  
19 **Q. STARTING WITH AFTER HIGH SCHOOL GRADUATION, PLEASE TELL US**  
20 **YOUR EDUCATIONAL BACKGROUND.**

21 A. I earned a Bachelor of Science degree in Electrical Engineering from Pennsylvania State  
22 University in 1983.

1 **Q. HAVE YOU EVER HAD TO TESTIFY PREVIOUSLY IN OHIO POWER SITING**  
2 **BOARD OR OTHER ELECTRIC-UTILITY PROCEEDINGS?**

3 A. Yes. I have testified before the Ohio Power Siting Board for the East Springfield-London-  
4 Tangy 138 kV Transmission Line Project (OPSB Case No. 11-4884-EL-BTX) and the  
5 London Substation Project (OPSB Case No. 11-4885-EL-BSB). I have also testified before  
6 the Pennsylvania Public Utility Commission ("PA PUC"), the West Virginia Public Service  
7 Commission ("WV PSC"), the Virginia State Corporation Commission ("VSCC"), the  
8 Maryland Public Service Commission ("MD PSC"), the Federal Energy Regulatory  
9 Commission ("FERC") and in several cases in the Circuit Court in West Virginia.

10  
11 **Q. HAVE YOU BEEN INVOLVED ON OTHER PROJECTS REQUIRING SUBMITTAL**  
12 **OF OTHER TYPES OF SITING FILINGS FOR APPROVAL OF THE**  
13 **CONSTRUCTION OF OTHER ELECTRIC TRANSMISSION PROJECTS?**

14 A. Yes, I have either prepared or participated in the preparation of numerous filings to the WV  
15 PSC, the VSCC, MD PSC and the PA PUC, as well as two other Application filings and two  
16 Letter of Notification filings with the OPSB.

17  
18 **Q. WHAT IS YOUR ROLE ON THE PROJECT?**

19 A. I am the person with responsibility for coordinating the Applicant's efforts to obtain the  
20 OPSB's authorization to construct the proposed Project. As such, I am responsible for the  
21 overall Project, including the Site Selection Study, the preparation of the Application, filing  
22 the Application with the OPSB and acting as the Applicant's lead representative to the OPSB  
23 Staff throughout the Board's regulatory process.

1  
2  
3 **Q. GO ON.**

4 A. In this role, I worked with the subject matter experts with expertise on the various topics that  
5 are described in Chapter 4906-15 of the Board's regulations. The subject matter experts  
6 were drawn from qualified employees of the Applicants or the Applicants' affiliates or, in  
7 some cases, from qualified external consulting firms.  
8

9 **Q. DO YOU HOLD FINAL DECISION-MAKING AUTHORITY FOR THE PROJECT?**

10 A. No. The Applicant's executives hold final decision-making authority for the Project. My  
11 role is to formulate issues and recommendations for executive review and approval, and to  
12 implement the executives' decisions and guidance. As such, I hold responsibility for  
13 identifying issues that require executive authorization, presenting such issues to the  
14 executives – including answering questions from the executives – and then executing on  
15 executive decisions and direction. In this role, I was the project lead for preparation of the  
16 Application draft that was presented for executive authorization. Once the executives  
17 approved filing of the Application, I was responsible for acting as the Applicant's lead  
18 representative to the OPSB Staff throughout the OPSB's regulatory process.  
19

20 **Q. PLEASE IDENTIFY THE RESOURCES THAT WERE AND ARE AVAILABLE TO**  
21 **YOU AS YOU PERFORM YOUR DUTIES IN THIS MATTER.**

22 A. I received and continue to receive assistance from the subject matter experts. In addition, I  
23 obtained and continue to obtain assistance on an "as needed" basis from other internal



1 FirstEnergy (and affiliated company) personnel in engineering, real estate, regulatory, asset  
2 management, legal, construction, forestry, procurement, customer relations, area and  
3 community relations, and communications resources. Finally, acting pursuant to executive  
4 direction, I have access to and on an “as needed” basis receive assistance from, external  
5 resources such as the Louis Berger Group, Inc.

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

**Commission of Ohio Docketing Information System on**

**2/4/2013 3:41:43 PM**

**in**

**Case No(s). 12-1727-EL-BSB**

Summary: Testimony of Jay A. Ruberto electronically filed by Ms. Catherine Darcy Copeland on behalf of American Transmission Systems, Incorporated