

**Submission of Indicated New York Transmission
Owners
For Authority to Construct and Operate Electric
Transmission Facilities in Multiple Counties in
New York**

Case 13-M-0457

Pre-Filed Direct Testimony

*Edic to New Scotland
345 kV Transmission Line
and
Knickerbocker to Pleasant Valley
345 kV Transmission Line Project
(ED-NS/KB-PV)*

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**STATE OF NEW YORK
PUBLIC SERVICE COMMISSION**

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Submission of New York Transmission :
Owners For Authority to Construct and : **Case 13-M-0457**
Operate Electric Transmission Facilities in :
Multiple Counties in New York :
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**DIRECT TESTIMONY OF
JAMES R. BUNYAN
ON BEHALF OF
NIAGARA MOHAWK POWER CORPORATION D/B/A
NATIONAL GRID**

1. **Q. Please state your full name, employer, and business address.**
2. **A.** My name is James R. Bunyan. I am employed by Niagara Mohawk Corporation d/b/a National Grid. My business address is 1125 Broadway, Albany, New York 12204-2505.
5. **Q. In what capacity are you employed?**
6. **A.** Principal Project Manager.
7. **Q. Please summarize your education and professional background.**
8. **A.** I received a Bachelor of Science degree from Clarkson College of Technology in 1973. I also received a Master's Degree in Business Administration from Syracuse University in 1979 and a Senior Nuclear Reactor Operation Certification (BWR5) in 1992. I have been employed by Niagara Mohawk since 1979.
12. **Q. Please describe your role in the ED-NS/KB-PV Project.**
13. **A.** I am the Project Manager.
14. **Q. What portion(s) of the Application do you sponsor?**
15. **A.** I sponsor Exhibit 1 (General Information Regarding Application) and Exhibit E-4 (Engineering Justification) which were prepared under my supervision and direction.
17. **Q. Does this conclude your testimony?**
18. **A.** Yes.

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**DIRECT TESTIMONY OF
PHYLLIS WALL
ON BEHALF OF
NIAGARA MOHAWK POWER CORPORATION D/B/A
NATIONAL GRID**

1. **Q. Please state your full name, employer, and business address.**
2. **A.** My name is Phyllis Wall. I am employed by National Grid USA Service Company. My business address is 40 Sylvan Road, Waltham, MA 02451.
4. **Q. In what capacity are you employed?**
5. **A.** I am a Transmission Engineer.
6. **Q. Please summarize your education and professional background.**
7. **A.** I received a Bachelor of Science degree in Civil and Environmental Engineering from Worcester Polytechnic Institute in May, 2009 and a Certificate in Engineering Leadership from the Gordon Engineering Leadership Program in August, 2014. I am currently pursuing a Master of Science degree in Geotechnical Engineering from Northeastern University. Since 2009, I have been employed by National Grid, first as an Associate Engineer, then as an Engineer in the Transmission Engineering Department. Work assignments during my career at National Grid have concentrated mostly on the design and maintenance of transmission and sub-transmission line projects for load growth and asset condition. Generally speaking, my experience involves routes analysis, conceptual through detailed engineering, construction support and the management of consulting engineering firms.
18. **Q. Please describe your role in the ED-NS/KB-PV Project.**
19. **A.** My role in the Project is as National Grid's transmission engineering representative on the Project team with the responsibility to guide the consulting firm hired to support transmission engineering so that they perform effectively. I provide guidance about National Grid standards, procedures and engineering best practices.
23. **Q. What portion(s) of the Application do you sponsor?**
24. **A.** I sponsor those portions of the following exhibits, that were prepared by me or under my supervision and direction: Exhibit 2 (Location of Facilities); Exhibit 5 (Design Drawings); and Exhibit E-1 (Description of Proposed Transmission Line).
27. **Q. Does this conclude your testimony?**
28. **A.** Yes.

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DIRECT TESTIMONY OF
PAUL WILLIAMS
ON BEHALF OF
NIAGARA MOHAWK POWER CORPORATION D/B/A
NATIONAL GRID

1. **Q. Please state your full name, employer, and business address.**
2. **A. My name is Paul Williams. I am an employee of Burns & McDonnell. My business address is 9400 Ward Parkway, Kansas City, MO 64114.**
4. **Q. In what capacity are you employed?**
5. **A. I am a Project Manager in the Transmission and Distribution Group.**
6. **Q. Please summarize your education and professional background.**
7. **A. I received a Bachelor of Science degree in Electrical Engineering from Gonzaga University in 1999. For the last 15 years I have continuously worked as a consultant supporting transmission and distribution projects, both as a project manager and a design engineer. My experience includes transmission lines studies and evaluations, cost estimates, engineering design, project management, permitting and land acquisition support, contract specifications, procurement, and construction support.**
13. **Q. Please describe your role in the ED-NS/KB-PV Project.**
14. **A. I am the transmission engineering manager for Burns & McDonnell on the Project, I manage and supervise the engineering support required for the Project.**
16. **Q. What portion(s) of the Application do you sponsor?**
17. **A. I sponsor those portions of the following exhibits that were prepared by me or under my supervision and direction: Exhibit 5 (Design Drawings) and Exhibit E-1 (Description of the Proposed Transmission Line).**
20. **Q. Does this conclude your testimony?**
21. **A. Yes.**

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DIRECT TESTIMONY OF
CRAIG WOLFGANG
ON BEHALF OF
NIAGARA MOHAWK POWER CORPORATION D/B/A
NATIONAL GRID

1. **Q. Please state your full name, employer, and business address.**
2. **A.** My name is Craig Wolfgang. I am employed by Tetra Tech, Inc. My business address is 1000 The American Road, Morris Plains, NJ 07950.
4. **Q. In what capacity are you employed?**
5. **A.** I am the Vice President of Energy Projects in the Tetra Tech Morris Plains office and serve as Project Manager for various electric transmission projects.
7. **Q. Please summarize your education and professional background.**
8. **A.** I received a Master of City Planning from the Georgia Institute of Technology in 1979, and a Bachelor of Science in Natural Resource Conservation from the University of Connecticut in 1976.
11. I have more than 30 years of professional experience as a Project Manager and Environmental Planner on a variety of development and infrastructure improvement projects. I have served in my present position since February 2008. My work has involved overseeing permitting and environmental analyses for proposed electric generation, electric transmission and natural gas pipeline projects. In addition, I have managed permitting and environmental analyses for numerous transportation and resource assessment and planning projects.
18. Prior to joining Tetra Tech, from 1999 to 2008 I was Manager of Environmental Planning for TRC Corporation, and from 1994 to 1999, I was a Principal Planner at Louis Berger & Associates, Inc. From 1986 to 1994, I was Supervisor of Resources Planning at Ebasco Environmental. From 1983 to 1986, I was a Licensing Specialist at the New York Power Authority. From 1980 to 1983, I was an Environmental Planner at Claude Terry & Associates.
24. **Q. Please describe your role in the ED-NS/ KB-PV Project.**
25. **A.** I served as Tetra Tech's Project Manager for the Article VII Application, responsible for the supervision of the Tetra Tech project team with regard to environmental studies and the preparation of the environmental analyses required as part of the Application.
29. **Q. What portion(s) of the Application do you sponsor?**
30. **A.** I sponsor the following exhibits, which were prepared by me or under my supervision and direction: Exhibit 2 (Location of Facility) and Exhibit 7 (Local

32. Ordinances - Zoning and Flood Maps).
33. **Q. Does this conclude your testimony?**
34. **A. Yes.**

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