

**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
New Scotland to Leeds to Pleasant Valley 345 kV
Transmission Line Reconductoring Project
(ED-NS/NS-LD-PV(R))*

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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
3. d/b/a National Grid. My business address is 1125 Broadway, Albany, New York
4. 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
9. 1973. I also received a Master's Degree in Business Administration from Syracuse
10. University in 1979 and a Senior Nuclear Reactor Operation Certification (BWR5) in
11. 1992. I have been employed by Niagara Mohawk since 1979.
12. **Q. Please describe your role in the ED-NS/NS-LD-PV(R) 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
16. (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
3. 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
8. from Worcester Polytechnic Institute in May, 2009 and a Certificate in Engineering
9. Leadership from the Gordon Engineering Leadership Program in August, 2014. I am
10. currently pursuing a Master of Science degree in Geotechnical Engineering from
11. Northeastern University. Since 2009, I have been employed by National Grid, first as
12. an Associate Engineer, then as an Engineer in the Transmission Engineering
13. Department. Work assignments during my career at National Grid have concentrated
14. mostly on the design and maintenance of transmission and sub-transmission line
15. projects for load growth and asset condition. Generally speaking, my experience
16. involves routes analysis, conceptual through detailed engineering, construction
17. support and the management of consulting engineering firms.
18. **Q. Please describe your role in the ED-NS/NS-LD-PV(R) Project.**
19. **A.** My role in the Project is as National Grid's transmission engineering
20. representative on the Project team with the responsibility to guide the consulting firm
21. hired to support transmission engineering so that they perform effectively. I provide
22. 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
25. under my supervision and direction: Exhibit 2 (Location of Facilities); Exhibit 5
26. (Design Drawings); and ExhibitE-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
3. 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
8. University in 1999. For the last 15 years I have continuously worked as a consultant
9. supporting transmission and distribution projects, both as a project manager and a
10. design engineer. My experience includes transmission lines studies and evaluations,
11. cost estimates, engineering design, project management, permitting and land
12. acquisition support, contract specifications, procurement, and construction support.
13. **Q. Please describe your role in the ED-NS/NS-LD-PV(R) Project.**
14. **A.** I am the transmission engineering manager for Burns & McDonnell on the
15. 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
18. or under my supervision and direction: Exhibit 5 (Design Drawings) and Exhibit E-1
19. (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
3. 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
6. 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
9. 1979, and a Bachelor of Science in Natural Resource Conservation from the
10. University of Connecticut in 1976.

11. I have more than 30 years of professional experience as a Project Manager and
12. Environmental Planner on a variety of development and infrastructure improvement
13. projects. I have served in my present position since February 2008. My work has
14. involved overseeing permitting and environmental analyses for proposed electric
15. generation, electric transmission and natural gas pipeline projects. In addition, I have
16. managed permitting and environmental analyses for numerous transportation and
17. resource assessment and planning projects.

18. Prior to joining Tetra Tech, from 1999 to 2008 I was Manager of Environmental
19. Planning for TRC Corporation, and from 1994 to 1999, I was a Principal Planner at
20. Louis Berger & Associates, Inc. From 1986 to 1994, I was Supervisor of Resources
21. Planning at Ebasco Environmental. From 1983 to 1986, I was a Licensing Specialist
22. at the New York Power Authority. From 1980 to 1983, I was an Environmental
23. Planner at Claude Terry & Associates.

24. **Q. Please describe your role in the ED-NS/NS-LD-PV(R) Project.**

25. **A.** I served as Tetra Tech's Project Manager for the Article VII Application,
26. responsible for the supervision of the Tetra Tech project team with regard to
27. environmental studies and the preparation of the environmental analyses
28. 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
31. 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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