

**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  
Hurley Avenue PARs Project  
(ED-NS/HA)*

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**STATE OF NEW YORK  
PUBLIC SERVICE COMMISSION**

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Submission of New York Transmission :  
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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 component of the 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  
JOHN J. BORCHERT  
ON BEHALF OF  
CENTRAL HUDSON GAS AND ELECTRIC CORPORATION**

1. **Q. Please state your full name, employer, and business address.**
2. **A.** My name is John J. Borchert. I am employed by Central Hudson Gas & Electric
3. Corporation, an electric and natural gas transmission and distribution company in New York
4. State. My business address is 284 South Avenue, Poughkeepsie, New York, 12601.
5. **Q. In what capacity are you employed?**
6. **A.** I am Senior Director of Energy Policy and Transmission Development.
7. **Q. Please summarize your education and professional background.**
8. **A.** I received a Bachelor of Engineering degree in Electric Engineering from SUNY
9. Maritime College, Bronx, New York in 1985, and an M.S. degree in Electric Engineering
10. from Polytechnic University, Brooklyn, New York in 1992. I am a registered Professional
11. Engineer in the State of New York. Over the last 28 years, I have been an engineering and
12. management employee of Central Hudson Gas & Electric Corporation. In my current
13. position I monitor and provide strategic input in the technical aspects of state and federal
14. regulatory energy policy. I serve as Central Hudson's representative on various NYISO
15. Committees, as well as the New York State Transmission Owners Technical Committee. I
16. represented Central Hudson in the development and formation of the NY Transco, a public-
17. private partnership of the NY Transmission Owners to jointly develop and own transmission
18. facilities in New York. Prior to my current position, I was Manager of Electric Engineering
19. at Central Hudson. I joined Central Hudson in 1985 as a Junior Engineer and had been
20. promoted to several positions within the utility, including Power Quality Services Engineer,
21. Supervisor of New Business, Manager of Customer Services, and Manager of Gas &
22. Mechanical Engineering.
23. **Q. Please describe your role in the Hurley Avenue PARs component(s) of the Project.**
24. **A.** I am the Project Manager.
25. **Q. What portion(s) of the Application do you sponsor?**
26. **A.** I sponsor Exhibit 1 (General Information Regarding Application), Exhibit 5 (Design
27. Drawings), Exhibit E-1 (Description of Proposed Transmission Line), and Exhibit E-4
28. (Engineering Justification), which were prepared under my supervision and direction.
29. **Q. Does this conclude your testimony?**
30. **A.** Yes.

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**DIRECT TESTIMONY OF  
BARBARA BEALL  
ON BEHALF OF  
CENTRAL HUDSON GAS AND ELECTRIC CORPORATION**

1. **Q. Please state your full name, employer, and business address.**
2. **A.** My name is Barbara B. Beall. I am employed by The Chazen Companies, an
3. environmental and engineering consulting firm in New York State. My business address is
4. 21 Fox Street, Poughkeepsie, New York, 12601.
5. **Q. In what capacity are you employed?**
6. **A.** I am the Director of Natural Resource Services.
7. **Q. Please summarize your education and professional background.**
8. **A.** I received an MS degree in Environmental Studies from SUNY Environmental Science
9. and Forestry in 1984 and a BS degree in Environmental Chemistry from Southampton
10. College, Long Island University in 1982. I am a certified Professional Wetland Scientist from
11. the Society of Wetland Scientists Professional Certification Program, and a LEED Certified
12. Associate Professional. I have more than 28 years of experience in the field of environmental
13. science and permitting. I spent five years working for the US Army Corps of Engineers in the
14. Los Angeles and Philadelphia Regulatory Programs (1985-1989). I then worked for one year
15. at the Lake George Association (1990). Since then I have worked as an environmental
16. consultant at two consulting firms; I have been with The Chazen Companies since November
17. 2000, and have moved from Manager of Wetland Services to Director of Natural Resource
18. Services. In this role, I manage environmental assessment, review, and permitting for
19. wetlands and endangered species, and coordinate those reviews with SEQRA and Site
20. Planning for projects. I have been Chazen's contract manager for a five year Term Contract
21. to NYSDOT. I have also served as an expert witness to the NYSDOT and am currently an
22. expert witness in a federal court case under RLUIPA (Religious Land Use and
23. Institutionalized Persons Act).
24. **Q. Please describe your role in the Hurley Avenue PARs component(s) of the Project.**
25. **A.** I am a consultant to Central Hudson on environmental compliance and permitting
26. matters. I directed the preparation of the Partial Part A, Appendix D and Full EAF for the
27. Hurley Avenue Substation PARs project.
28. **Q. What portion(s) of the Application do you sponsor?**
29. **A.** I sponsor portions of Exhibit 2 and Exhibit 7, those which were prepared under my
30. supervision and direction.
31. **Q. Does this conclude your testimony?**
32. **A.** Yes.

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**DIRECT TESTIMONY OF  
KARL SCHOEBERL  
ON BEHALF OF  
CENTRAL HUDSON GAS AND ELECTRIC CORPORATION**

1. **Q. Please state your full name, employer, and business address.**
2. **A.** My name is Karl L. Schoeberl. I am employed by The Chazen Companies, an
3. environmental and engineering consulting firm in New York State. My business address is
4. 21 Fox Street, Poughkeepsie, New York, 12601.
5. **Q. In what capacity are you employed?**
6. **A.** I am a Senior Environmental Scientist, Energy & Environmental Programs.
7. **Q. Please summarize your education and professional background.**
8. I received an MA degree in Biology from SUNY New Paltz in 2009, a BS degree in Natural
9. Resources from Cornell University in 1987, and an AAS in Fisheries & Wildlife Technology
10. from SUNY Cobleskill in 1985. I have more than 26 years of experience in the field of
11. environmental compliance, natural resource management, and permitting. I spent most of my
12. career in the Environmental Affairs Division at Central Hudson Gas & Electric Corporation
13. (1992-2011), the last several as Director of Environmental Affairs. In my current position
14. with Chazen, I manage energy and environmental programs and provide senior technical
15. oversight for a wide variety of clients specific to environmental compliance and permitting
16. activities. I also provide regulatory analysis and technical support on emerging T&D
17. environmental issues to the utility industry as a Technical Expert for the Environmental
18. Energy Alliance of New York (EEANY).
19. **Q. Please describe your role in the Hurley Avenue PARs component(s) of the Project.**
20. **A.** I am a consultant to Central Hudson on environmental compliance and permitting
21. matters. .
22. **Q. What portion(s) of the Application do you sponsor?**
23. **A.** I sponsor portions of Exhibit 2 and Exhibit 7, those which were prepared under my
24. supervision and direction.
25. **Q. Does this conclude your testimony?**
26. **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 component of the 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 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
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 component of the 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 and  
6. 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 components of the 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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