

New York Transmission Owners

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

Case 13-M-_____

Part A Filing

Marcy South Series Compensation

Pre-Filed Direct Testimony

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**MARCY SOUTH SERIES COMPENSATION
PRE-FILED DIRECT TESTIMONY**

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Pre-Filed Direct Testimony of

CRAIG H. WOLFGANG

On Behalf Of

New York Power Authority

For

Part A Submission of Case 13-M-_____

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1. **Q. Mr. Wolfgang, please state your full name, employer and business address.**
2. **A.** My name is Craig Wolfgang. I am employed by Tetra Tech, Inc. (Tetra Tech). My business
3. address is 1000 The American Road, Morris Plains, New Jersey 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
6. 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
9. Bachelor of Science in Natural Resource Conservation from the University of Connecticut in
10. 1976. I have more than 30 years of professional experience as a Project Manager and
11. Environmental Planner on a variety of development and infrastructure improvement projects. I
12. have served in my present position since February 2008. My work has involved overseeing
13. permitting and environmental analyses for proposed electric generation, electric transmission and
14. natural gas pipeline projects. In addition, I have managed permitting and environmental analyses
15. for numerous transportation and resource assessment and planning projects.
16. Prior to joining Tetra Tech, from 1999 to 2008 I was Manager of Environmental Planning for
17. TRC Corporation, and from 1994 to 1999, I was a Principal Planner at Louis Berger &
18. Associates, Inc. From 1986 to 1994, I was Supervisor of Resources Planning at Ebasco
19. Environmental. From 1983 to 1986, I was a Licensing Specialist at the New York Power
20. Authority. From 1980 to 1983, I was an Environmental Planner at Claude Terry & Associates.
21. **Q. Have you sponsored previous Article VII applications or provided testimony in**
22. **previous proceedings?**
23. **A.** Yes. In the past 10 years I served as Project Manager and sponsored portions of Article VII
24. applications for the following electric transmission projects:
25. Rochester Gas & Electric Corporation – Rochester Area Reliability Project (11-T-0534)
26. National Grid – Lockport-Mortimer Line 111 Rebuild Project (09-T-0870)
27. National Grid – Gardenville to Structure 199 Rebuild Project (06-T-1040)
28. Con Edison – M29 345 kV Transmission Project (06-T-0710)
29. Con Edison – Cedar Street 138 kV Transmission Project (05-T-1369)
30. Rochester Gas & Electric Corporation – Rochester Transmission Project (03-T-1385)
31. Con Edison – Grasslands Project (02-T-1162)

1. I provided additional testimony during the adjudicatory proceeding for Con Edison's M29
2. Project (06-T-0710); the other projects listed above were decided through settlement without any
3. additional testimony or adjudicatory hearings.
4. **Q. Please describe your role in the Marcy South Series Compensation Project.**
5. **A.** For the Marcy South Series Compensation Project, I served as Tetra Tech's Project Manager
6. for the Article VII Amendment Application, responsible for the supervision of the Tetra Tech
7. project team with regard to environmental studies and the preparation of the environmental
8. analyses required as part of the Application.
9. **Q. What portions of the Application does your testimony support?**
10. **A.** My testimony supports the portions of the Application concerning the Project location
11. (Exhibit 2), the environmental effects of the installation of capacitor banks (with the exception of
12. electric and magnetic field effects, which is the subject of another witness) (Exhibit 4) and
13. compliance with local ordinances (Exhibit 7).
14. **Q. Does this conclude your testimony at this time?**
15. **A.** Yes.

Pre-Filed Direct Testimony of

BEN SHPERLING

On Behalf Of

New York Power Authority

For

Part A Submission of Case 13-M-_____

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1. **Q. Mr. Shperling, please state your full name, employer and business address.**
2. **A.** My name is Ben Shperling. I am employed by the New York Power Authority
3. (“NYPA”). My business address is 123 Main Street, White Plains, NY 10601.
4. **Q. In what capacity are you employed?**
5. **A.** NYPA’s Principal Electrical Engineer.
6. **Q. Please summarize your education and professional background.**
7. **A.** I received my M.S. and Ph.D. degrees in Electrical Engineering.
8. My technical expertise is in the areas include transient and steady state analysis of power
9. systems, shunt and series compensation techniques in power networks, insulation coordination
10. for EHV and UHV systems. I have written and been published, as an author and with co-authors,
11. in more than 90 professional and technical journals.
12. I am a Past Chairman of the Transmission and Distribution Committee of IEEE, a Fellow of
13. IEEE, and a Professional Engineer of the State of New York.
14. **Q. Please describe your role in the Marcy South Series Compensation Project.**
15. **A.** I supervised a series of system transient studies and consulted on various electrical energy
16. issues on the Marcy South Series Compensation Project.
17. **Q. What portions of the Application does your testimony support?**
18. **A.** My testimony supports statements concerning the electrical engineering of the Marcy South
19. Series Compensation Project and, in particular, Exhibit E-4
20. **Q. Does this conclude your testimony at this time?**
21. **A.** Yes.

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Pre-Filed Direct Testimony of

ARNIE SCHUFF

On Behalf Of

New York Power Authority

For

Part A Submission of Case 13-M-_____

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1. **Q. Mr. Schuff, please state your full name, employer and business address.**
2. **A.** My name is Arnie Schuff. I am employed by the New York Power Authority
3. (“NYPA”). My business address is 123 Main Street, White Plains, NY 10601.
4. **Q. In what capacity are you employed?**
5. **A.** NYPA’s Manager of Transmission Planning.
6. **Q. Please summarize your education and professional background.**
7. **A.** I received a Bachelor of Science degree in 1980 from Polytechnic Institute of New York.
8. I have more than 33 years of professional electric utility experience in Transmission
9. Planning, Operations, and Control/Protection Engineering.
10. **Q. Please describe your role in the Marcy South Series Compensation Project.**
11. **A.** As NYPA’s Manager of Transmission Planning, I supervised the preparation of NYPA’s
12. System Impact Studies for the MSSC and its NYISO proceedings through the NYISO OC
13. approval. I also collaborated on the preparation of Exhibit E-4- Engineering Justification for
14. MSSC.
15. **Q. What portions of the Application does your testimony support?**
16. **A.** My testimony supports this filing concerning the MSSC System Impact Study and Exhibit
17. E-4.
18. **Q. Does this conclude your testimony at this time?**
19. **A.** Yes.

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