



**Northeast
Utilities**

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January 8, 2015

VIA ELECTRONIC MAIL AND HAND DELIVERY

Robert Stein, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, Ct 06051

Re: DOCKET NO. 192B – CPV Towantic, LLC Motion to Reopen and Modify the June 23, 1999 Certificate of Environmental Compatibility and Public Need based on changed conditions pursuant to Connecticut General Statutes §4-181a(b) for the construction, maintenance and operation of a 785 MW dual-fuel combined cycle electric generating facility located north of Prokop Road and Towantic Hill Road intersection in the Town of Oxford, CT – Pre-Filed Testimony of William O’Hara on Behalf of The Connecticut Light and Power Company

Dear Chairman Stein:

Enclosed are an original and fifteen (15) copies of the Pre-filed Testimony of William O’Hara submitted on behalf of The Connecticut Light and Power Company.

If you have any questions, please contact me at 860-665-3548.

Sincerely,

Enc.

cc: Service List

CERTIFICATION

I certify that a copy of this filing was sent on January 8, 2015, via U.S. First-Class mail or electronic mail, to each participant on the attached service list for this proceeding.



Jeffery D. Cochran

LIST OF PARTIES AND INTERVENORS
SERVICE LIST

Status Granted	Status Holder (name, address & phone number)	Representative (name, address & phone number)
Applicant	CPV Towantic, L.L.C.	Franca L. DeRosa, Esq. Philip M. Small, Esq. Brown Rudnick LLP 185 Asylum Street Hartford, CT 06103 (860) 509-6500 (860) 509-6501 – fax fderosa@brownrudnick.com psmall@brownrudnick.com
Party	Jay Halpern 58 Jackson Cove Road Oxford, CT 06478 h: 203-888-4976 zoarmonster@sbcglobal.net Peter Thomas 72 Towantic Hill Rd. Oxford, CT 06478 203-720-1536	
Intervenor	Town of Middlebury	Attorney Dana A. D'Angelo Law Offices of Dana D'Angelo, LLC 20 Woodside Avenue Middlebury, CT 06762 (203) 598-3336 (203) 598-7283 – fax Dangelo.middlebury@snet.net Stephen L. Savarese, Esq. 103 South Main Street Newtown, CT 06470 203-270-0077 attystephensavarese@gmail.com
Intervenor	The Connecticut Light and Power Company (CL&P)	Stephen Gibelli, Esq. Associate General Counsel The Connecticut Light and Power Company P.O. Box 270 Hartford, CT 06141-0270 (860) 665-5513 (860) 665-5504 –fax gibels@nu.com

Status Granted	Status Holder (name, address & phone number)	Representative (name, address & phone number)
	CL&P continued...	<p>John R. Morissette Manager-Transmission Siting and Permitting The Connecticut Light and Power Company P.O. Box 270 Hartford, CT 06141-0270 (860) 665-2036 morisjr@nu.com</p> <p>Christopher R. Bernard Manager, Regulatory Policy (Transmission) The Connecticut Light and Power Company P.O. Box 270 Hartford, CT 06141-0270 (860) 665-5967 (860) 665-3314 – fax bernacr@nu.com</p> <p>Stella Pace, Senior Engineer The Connecticut Light and Power Company Transmission and Interconnection Dept. P.O. Box 270 Hartford, CT 06141-0270 (860) 665-3569 paccess@nu.com</p> <p>Jeffery D. Cochran Northeast Utilities Service Company 107 Selden Street Berlin, CT 06037 860-665-3548 cochrjd@nu.com</p>
Party	Town of Oxford	<p>Francis A. Teodosio, Esq. Winnick, Vine, Welch & Teodosio, LLC 481 Oxford Road Oxford, CT 06478 fteodosio@wvwtlaw.com (203) 881-3600 (203) 881-3606 fax</p>
Party	Naugatuck Valley Chapter Trout Unlimited	<p>Robert M. Perrella, Vice President TU Naugatuck/Pomperaug Valley Chapter 278 W. Purchase Road Southbury, CT 06488-1004 johnnytroutseed@chartner.net</p>

Intervenor	Town of Southbury	Ed Edelson First Selectman Town of Southbury 501 Main Street Southbury, CT 06488 selectman@southbury-ct.gov (203) 262-0647 (203) 264-9762 – fax
Party	The Pomperaug River Watershed Coalition	Len DeJong, Executive Director Pomperaug River Watershed Coalition 39 Sherman Hill Road, C103 Woodbury, CT 06798 203-263-0076 LDeJong@pomperaug.org
Intervenor (approved 06/07/06)	Raymond Pietrorazio 764 Charcoal Avenue Middlebury, CT 06762-1311 (203) 758-2413 (203) 758-9519 – fax ray@ctcombustion.com	
Intervenor (approved 10/10/06)	GE Energy Financial Services, Inc.	Jay F. Malcynsky The Law Offices of Jay F. Malcynsky, P.C. One Liberty Square New Britain, CT 06051 (860) 229-0301 (860) 225-4627 – fax jmalcynsky@gaffneybennett.com
Intervenor (Approved on November 13, 2014)	Borough of Naugatuck and Borough of Naugatuck Water Pollution Control Authority	Edward G. Fitzpatrick, Esq. Fitzpatrick, Mariano, Santos, Sousa, PC 203 Church Street Naugatuck, CT 06770 203-729-4555 Fitz@fmsslaw.org Ronald Merancy, Chairman Water Pollution Control Authority 229 Church Street Naugatuck, CT 06770 203-720-7000 Rjm62159@aol.com

CONNECTICUT SITING COUNCIL

DOCKET NO. 192B – CPV Towantic,	:	DOCKET 192B
LLC Motion to Reopen and Modify the	:	
June 23, 1999 Certificate of	:	
Environmental Compatibility and Public	:	
Need based on changed conditions	:	
pursuant to Connecticut General Statutes	:	
§4-181a(b) for the construction,	:	
maintenance and operation of a 785 MW	:	
dual-fuel combined cycle electric	:	
generating facility located north of Prokop	:	
Road and Towantic Hill Road intersection	:	
in the Town of Oxford, CT	:	January 7, 2015

**PREFILED TESTIMONY OF WILLIAM O’HARA ON BEHALF OF
THE CONNECTICUT LIGHT AND POWER COMPANY**

Q: Please state your name, position and business address.

A: William O’Hara
Manager-Transmission Interconnections & Services
Northeast Utilities Service Company
56 Prospect Street
Hartford, CT 06103

Q: Please describe your current work responsibilities and briefly describe your work experience and educational background.

A: As Manager-Transmission Interconnections & Services, I am responsible for coordinating the interconnections of third parties to The Connecticut Light and Power Company’s (“CL&P” or the “Company”) transmission system. My resume (attached below) provides additional information concerning my work experience and education.

Q: Please describe your role in support of CL&P's facilities proposed for the interconnection with CPV Towantic, LLC's ("Towantic") proposed generating facility.

A: My role in support of interconnection requests is to coordinate with the Independent System Operator - New England ("ISO-NE") in the evaluation of the request and, once the evaluation is complete, to negotiate an interconnection agreement with the customer. Once the agreement is signed, I work with the Company's engineering and projects group to coordinate activities during the construction of any facilities.

The purpose of my testimony is to seek clarification that if the Siting Council grants Towantic's requested modification to its certificate, CL&P is authorized to construct, own and operate the planned switching station and three transmission line loops into the switching station.

Q: Please provide a list of the proposed components of the interconnection facilities that CL&P would construct, own and operate to interconnect the generating station proposed by Towantic with CL&P's transmission system in western Connecticut.

A: In order to provide transmission interconnection service to Towantic's proposed generating facility, CL&P would construct, own and operate a new Switching Station and the associated structures to tie the Switching Station into the existing transmission lines.

The Switching Station would utilize a breaker and a half configuration and include the following major components:

- 1- Twelve (12) terminal structures with associated foundations,
- 2- Fourteen (14) 115-kV circuit breakers with associated foundations,
- 3- Thirty-seven (37) disconnect switches with associated foundations,
- 4- Eighteen (18) surge arresters,
- 5- Six (6) line traps,
- 6- Twenty-seven (27) capacitor coupled voltage transformers ("CCVT"),
- 7- Six (6) station service voltage transformers ("SSVT") with associated foundations, and
- 8- One (1) control enclosure to contain all control and relaying panels for substation relaying and control, Supervisory Control and Data Acquisition ("SCADA") system panels, communication panels, security panels, fire protection system, a set of batteries and direct current ("DC") system, alternating current ("AC") panels and bathroom facility.

The six (6) new structures needed to tie the new switching station into the existing transmission lines would be self-supporting steel monopole transmission line support structures on drilled shaft foundations. The poles would be between 80 and 110 feet tall. In addition CL&P would own the transmission line conductor to loop three existing CL&P transmission lines to the Switching Station.

The Switching Station would be located on property in Oxford, Connecticut located north of the intersection of Prokop Road and Towantic Hill Road that is currently owned by Towantic (the "Property"). Towantic would convey the portion of the Property on which the Switching Station would be located to CL&P. Towantic's generating facility and transformers would be located on the remaining portion of the Property that Towantic would retain. The Switching Station would occupy an approximately 77,000 square foot area that would be encompassed by an 8 foot high fence. The Switching Station would be located adjacent to Towantic's step-up transformers. The Switching Station and Towantic's generating facility would be surrounded by an 8 foot high property boundary fence.

Q: Does this conclude your testimony?

A: Yes.

WILLIAM O'HARA

EXPERIENCE

9/2007 – Present Northeast Utilities - Manager - Transmission Interconnections and Services

I am responsible for ensuring that all new generation is interconnected via the Federal Energy Regulatory Commission approved processes and that all existing contracts are administered per their Terms and Conditions. In addition, I am responsible for all municipal and utility interconnections to NU.

9/2004 – 9/2007 Northeast Utilities – Program Manager - Transmission Risk Management

I developed a Risk Management Plan for NU's Transmission capital projects that identified, evaluated, prioritized, mitigated and communicated risks. I coordinated the Enterprise Risk Management (ERM) program in Transmission, and facilitated numerous ERM sessions throughout the Company.

9/2000 – 9/2004 Northeast Utilities – Senior Analyst - Transmission Business Development

I participated in the business planning process, the negotiations to form a Regional Transmission Organization in New England, negotiating contracts for various projects, and the development of NU's transmission tariff.

6/1990 – 9/2000 Northeast Utilities – Senior Analyst - Strategic Planning

I participated in the following activities: comparison of generation and conservation plans and the development of integrated resource planning; scenario planning and strategy development efforts undertaken as the electric industry was exposed to the deregulation process; benchmarking study of the Distribution and Fossil Hydro groups; and development of various Business Plans.

9/1984 – 6/1990 Northeast Utilities – Engineer - Nuclear Engineering Department

I performed nuclear and thermal-hydraulic analyses supporting the operation and upgrading of the Millstone and Connecticut Yankee generating stations.

6/1979 – 9/1984 Combustion Engineering - Nuclear Engineer

I performed nuclear and thermal hydraulic analyses for nuclear reactor designs.

EDUCATION

The Pennsylvania State University, BS in Nuclear Engineering, 1979.

Rensselaer Polytechnic Institute (Hartford Graduate Center), MBA with an emphasis in Finance, 1991.

Worcester Polytechnic University, MS in Electrical Engineering, 2011.