



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

April 27, 2009

Maurice Scully
Chief Executive Officer
Connecticut Municipal Electric Energy Cooperative
30 Stott Avenue
Norwich, CT 06360-1526

RE: **PETITION NO. 893** - The Connecticut Municipal Electric Energy Cooperative (CMEEC) petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the installation and operation of two 2.5 megawatt electric generators and associated equipment on each property located at 57 Salem Turnpike, 145 Old Salem Road and 10 Wisconsin Avenue in the Town of Norwich, Connecticut.

Dear Mr. Scully:

At a public meeting held on April 23, 2009, the Connecticut Siting Council (Council) considered and ruled that this proposal would not have a substantial adverse environmental effect, and pursuant to General Statutes § 16-50k would not require a Certificate of Environmental Compatibility and Public Need.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the petition, dated March 18, 2009.

Enclosed for your information is a copy of the staff report on this project.

Very truly yours,

A handwritten signature in black ink that reads "Daniel F. Caruso". The signature is stylized and includes a large flourish at the end.

Daniel F. Caruso
Chairman

DFC/RDM/laf

Enclosure: Staff Report dated April 23, 2009

c: The Honorable Benjamin P. Lathrop, Mayor, City of Norwich
Peter Davis, City Planner, City of Norwich



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

Petition No. 893 –Norwich, Connecticut
Connecticut Municipal Electric Energy Cooperative
Staff Report
April 23, 2009

On March 19, 2009, the Connecticut Municipal Electric Energy Cooperative (CMEEC) submitted a petition to the Connecticut Siting Council (Council) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed installation of electric generating equipment at three sites in Norwich, Connecticut. On April 20, 2009, Council member Jerry Murphy and Council staff member Robert Mercier met CMEEC representatives Glen Wilson and Mark Greene in Norwich to discuss the proposal.

CMEEC proposes to install six fuel-oil fired electric generation units with a rating of 2.5 megawatts (MW) at three locations in Norwich, with two units placed at each location. The locations are: 57 Salem Turnpike, 145 Old Salem Road, and 10 Wisconsin Avenue, all owned by Norwich Public Utilities. Installation and commercial start up of the units would be completed by July 2009. The project would allow CMEEC to effectively manage and provide for monthly and annual peak electric demand imposed by the regional power grid.

Each unit would be within a prefabricated container, which would be set on a concrete support pad. A 4,000 gallon fuel oil tank with a leak detection system would be contained within the unit. Each unit is approximately 60 feet long, 20 feet wide and 13 feet high. A selective catalytic reduction (SCR) emission control system would be mounted on the top of the unit. The stack associated with the SCR is 6 feet in height. A forced air-cooled radiator system with closed fluid flow would be used to cool the unit. Noise from the units would be within applicable standards at the nearest receptors.

The SCR would reduce nitrogen oxide emissions from each unit by 90%. A particulate filter would reduce particulate emissions from each unit by 85%. An air permit is pending before the CT DEP and it is expected each unit would be permitted to run 1,200 hours per year, although CMEEC expects the units to operate in the range of 300 to 500 hours per year.

The site at 57 Salem Turnpike (Route 82) consists of a former substation compound in a developed commercial area. The units would be installed in the center of the fenced area which is accessed from Route 82. The existing six-foot high fence would be replaced with an eight-foot high fence. Landscaping would be installed along Route 82, the only area where the site would be visible.

The site at 145 Old Salem Road is a former propane storage facility containing a tank, associated valves and an operations building. CMEEC would remove the tank and associated piping and install the units in that location. The existing six-foot high fence would be replaced with an eight-foot high fence. The site would be visible from an abutting residence at 137 Old Salem Road. CMEEC spoke with this abutter about the project and the abutter expressed no concerns. CMEEC would install vegetative screening along the abutting fence line. Two other property owners south of the site would be screened by existing cedar trees along the entrance drive to the site.