



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Daniel F. Caruso

Chairman

CERTIFIED MAIL RETURN RECEIPT REQUESTED

November 21, 2008

Andrew W. Lord, Esq.
Murtha Cullina LLP
CityPlaceI, 185 Asylum Street
Hartford, CT 06103-3469

RE: **PETITION NO. 870** – The Hartford Steam Company petition for declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed location, installation and operation of a 3.5 megawatt co-generation facility located at 60 Columbus Boulevard, Hartford, Connecticut.

Dear Attorney Lord:

At a public meeting held on November 20, 2008, 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 October 16, 2008.

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

Very truly yours,

Daniel F. Caruso
Chairman

DFC/MP/laf

Enclosure: Staff Report dated November 20, 2008

c: The Honorable Eddie A. Perez, Mayor, City of Hartford
Lee C. Erdmann, Chief Operating Officer, City of Hartford
Roger J. O'Brien, Director of Planning, City of Hartford
Bruce Linder, The Hartford Steam Company
Derek Rudd, The Hartford Steam Company

Petition No. 870
The Hartford Steam Company
Staff Report
November 20, 2008

On October 16, 2008, the Connecticut Siting Council (Council) received a petition (Petition) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed installation of a 3.51 megawatt (MW) combined heat and power facility (cogen) at The Hartford Steam Company (HSC). HSC owns a commercial district heating and cooling system that provides steam, chilled water, and hot water to 14 million square feet of commercial offices, mixed use and residential buildings in the Hartford area.

The project was field reviewed by Council member Brian Golembiewski and Michael Perrone of the Council staff on November 10, 2008. Attorney Andrew Lord of Murtha Cullina LLP (representing HSC) and three engineers from HSC: Derek Rudd, Jim Elsner, and David Ninesling also attended the field review.

The proposed cogen would include a 3.51 MW natural gas-fired combustion turbine, a 4,160 Volt generator, a duct burner, and a heat recovery steam generator. No backup fuel would be required because HSC has a firm contract for natural gas delivery. The cogen would run continuously as baseload facility.

This cogen would supply 70 percent of HSC's annual steam needs and 60 percent of its annual electrical needs. The surplus electricity (~ 2.14 MW) would be sold to The Connecticut Light and Power Company. The generator's electrical output would be raised to 23 kilovolts via a pair of existing transformers to allow HSC's surplus power to feed into the local distribution system.

The cogen would be located indoors in HSC's building and would have no visual impact. The cogen would also utilize an existing 195-foot tall exhaust stack. An air intake filter house would be installed on the roof of the HSC building, but would be very small relative to the existing stack. Also, a 3,000 gallon aqueous ammonia storage tank for the selective catalytic reduction pollution control system would be installed outside adjacent to the HSC building and would be placed within an existing containment enclosure. This tank would replace an existing, abandoned acid storage tank.

Noise levels would be less than 85 dB within three feet of the unit. Given that the unit is indoors and the distance to the property line, noise levels are expected to meet the limits specified by the Department of Environmental Protection.

The surrounding area is commercial in nature. To the north is the Hartford Marriott attached to the Connecticut Convention Center. To the south is Whitehead Highway (the Capital Area/Columbus Boulevard exit ramp off of Interstate 91) and the former Colt Firearms complex. To the east is a parking garage. To the west is Columbus Boulevard and other commercial buildings.

HSC consulted with the City of Hartford regarding the proposed project. By letter dated September 30, 2008, Mayor Eddie Perez expressed his enthusiastic support for this project. In addition, because of the high efficiency of the cogen, HSC is expected to save \$345,000 per year with this project. If approved, construction would begin in the Spring of 2009 with a target in-service date of Spring 2010.