



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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www.ct.gov/csc

CERTIFIED MAIL RETURN RECEIPT REQUESTED

July 27, 2015

John R. Morissette
Project Manager-Transmission Siting
Eversource Energy
P.O. Box 270
Hartford, CT 06141-0270

RE: **PETITION NO. 1162** – Eversource Energy petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modifications to its existing Hopewell Substation located at 1007 Chestnut Hill Road, Glastonbury, Connecticut.

Dear Mr. Morissette:

At a public meeting held on July 23, 2015, the Connecticut Siting Council (Council) considered and ruled that the above-referenced proposal would not have a substantial adverse environmental effect, and pursuant to Connecticut General Statutes § 16-50k, would not require a Certificate of Environmental Compatibility and Public Need, with the following conditions:

- Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed within three years from the date of the mailing of the Council's decision, this decision shall be void, and the facility owner/operator shall dismantle the facility and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The facility owner/operator shall provide written notice to the Executive Director of any schedule changes as soon as is practicable;
- Any request for extension of the time period to fully construct the facility shall be filed with the Council not later than 60 days prior to the expiration date of this decision and shall be served on all parties and intervenors, if applicable, and the Town of Glastonbury;
- The facility owner/operator shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v;
- This Declaratory Ruling may be transferred, provided the facility owner/operator/transferor is current with payments to the Council for annual assessments and invoices under Conn. Gen. Stat. §16-50v and the transferee provides written confirmation that the transferee agrees to comply with the terms, limitations and conditions contained in the Declaratory Ruling, including timely payments to the Council for annual assessments and invoices under Conn. Gen. Stat. §16-50v; and

- If the facility owner/operator is a wholly owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the facility within 30 days of the sale and/or transfer.

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 June 8, 2015.

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

Very truly yours,



Robert Stein
Chairman

RS/RM/lm

Enclosure: Staff Report dated July 23, 2015

- c: The Honorable Stewart Beckett III, Chairman, Town of Glastonbury
Richard J. Johnson, Town Manager, Town of Glastonbury
Khara Dodds, Director of Planning and Land Use Services, Town of Glastonbury



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Petition No. 1162

Eversource Energy – Hopewell Substation

Glastonbury, Connecticut

Staff Report

July 23, 2015

On June 8, 2015, the Connecticut Siting Council (Council) received a petition from The Connecticut Light and Power Company d/b/a Eversource Energy (Eversource) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for proposed modifications to the existing Hopewell Substation located at 1007 Chestnut Hill Road in Glastonbury, Connecticut. Notice of the petition was provided to the Town of Glastonbury and property abutters. No comments have been received to date.

Council member Larry Levesque and staff member Robert Mercier visited the site on July 8, 2015 to review the proposal. John Morissette, Chris Runde, and Todd Dubois, represented Eversource at the field review.

As an outgrowth of the Greater Hartford/Central Connecticut Study, which evaluated the reliability of the area's transmission system to support load growth through 2022, Eversource determined that outages on the electric transmission system could result in low voltage conditions in the Glastonbury area. To resolve the potential low voltage conditions, Eversource proposes to install a capacitor bank within the substation to stabilize voltages in the event of a transmission system outage. Eversource also proposes to replace some obsolete equipment in the substation during scheduled outages associated with the capacitor bank project.

New substation equipment includes the following:

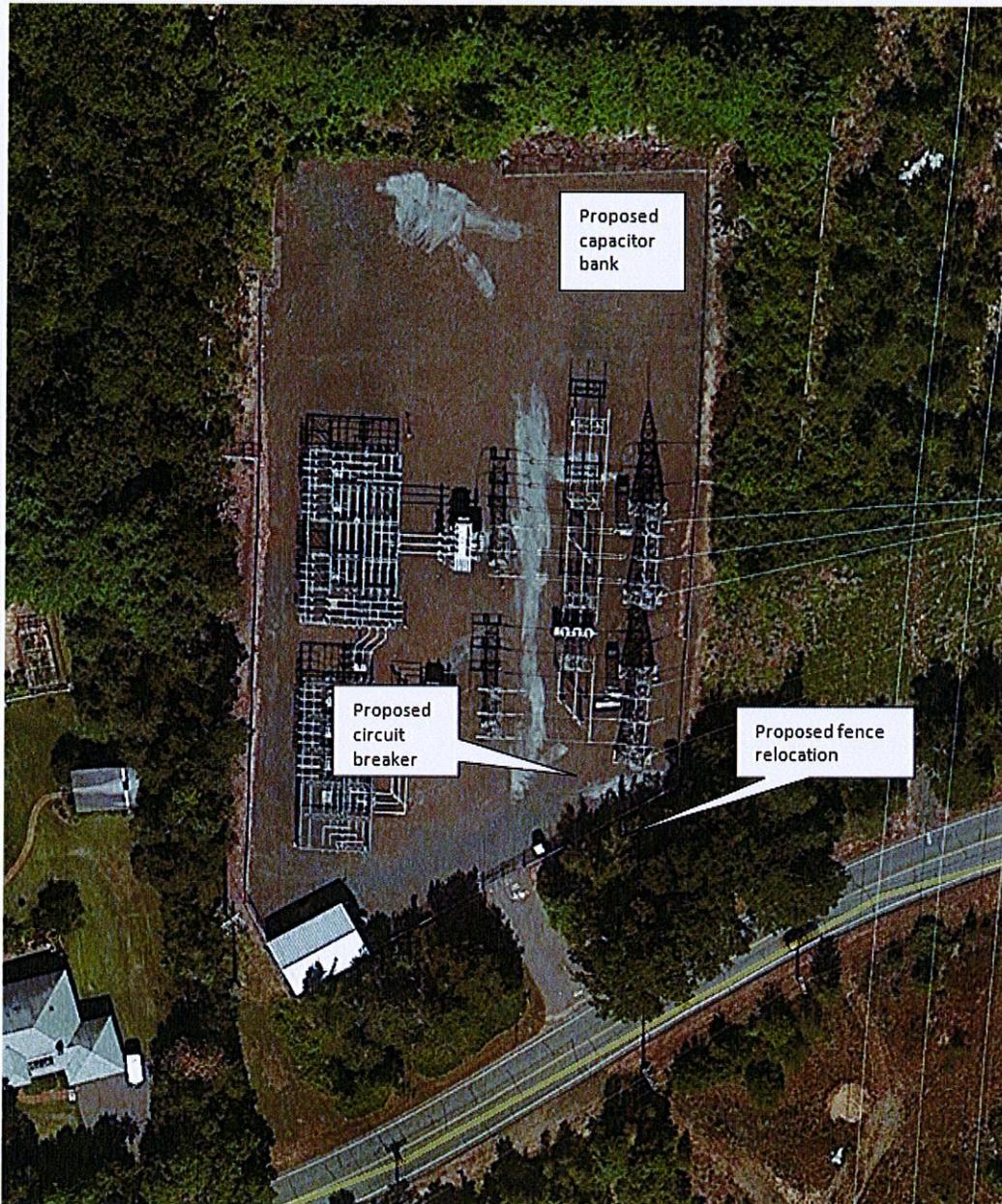
- a) one 37.8 MVAR capacitor bank;
- b) one 115-kV disconnect switch;
- c) one 115-kV circuit breaker;
- d) three series reactors;
- e) three 60-foot lightning masts;
- f) one position for a 115-kV transformer;
- g) one set of capacitive coupling voltage transformers to replace existing;
- h) eight bus mount insulators to replace existing; and
- i) underground conduits and cables.

The proposed capacitor bank would be located in the northeast corner of the substation. The proposed circuit breaker would be located in the southeast section of the substation, connected to existing bus work. To accommodate the proposed circuit breaker and to maintain vehicle clearance to the eastern section of the substation, a portion of the south fence line would be extended southward by 11 feet. Although five cedar trees would be removed to accommodate the new fence line, a vegetative buffer would remain between Chestnut Hill Road and the substation.

With the exception of the fence relocation, all work would occur within the existing substation yard. The proposed modifications would not significantly alter the substation's appearance as all proposed equipment is similar in height and form to that of existing equipment. The substation is adequately screened from adjacent residences by deciduous woodland interspersed with some evergreens.

The new equipment would not contribute additional noise beyond the property boundaries and operation of the proposed equipment would not change electric and magnetic fields at the property lines.

Eversource contends the proposed modifications to the substation would not have any substantial adverse environmental effect.



Aerial view of the Hopewell Substation.