

Petition No. 1064  
The Connecticut Light and Power Company  
CL&P – Falls Village Substation  
Staff Report  
June 13, 2013

On May 10, 2013, the Connecticut Siting Council (Council) received a petition (Petition) from The Connecticut Light and Power Company (CL&P) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required to modify the existing CL&P Falls Village Substation located on Water Street, Falls Village (Canaan).

This Petition was field reviewed by Council member Phil Ashton and Michael Perrone of the Council staff on May 29, 2013. The following individuals also attended the field review: Michael Veneski, Project Manager, CL&P; John Morissette, Manager – Transmission Siting, CL&P; and Vincenzo Pagliuca, Electrical Engineer – Transmission/Substation Engineering and Design, CL&P.

Specifically, CL&P seeks to install a new transmission supervisory control and data acquisition equipment control enclosure. The proposed enclosure would be 24 feet long by 14.5 feet wide by 12-foot 3-inch high. This equipment would be used to monitor and control the transmission equipment. It would also allow CL&P to more fully separate the control of its equipment from the nearby FirstLight Hydro Generating Company (FirstLight) generating facility equipment.

To accommodate this new control enclosure, CL&P would expand the fenced area to the southwest with a new 40-foot by 40-foot area. This additional area would have a seven-foot chain link fence with one foot of barbed wire on top to match the existing fence. The site is on property owned by FirstLight, and CL&P has easement rights on the property.

The new control enclosure would have new protective relaying systems and cabinets. The new DC system with the battery, distribution panel, charger, etc., would be installed in the control enclosure. The heating and cooling unit would be attached to the control enclosure.

There are no homes in the vicinity of the site. The site already contains substation equipment. Noise levels would continue to meet state regulations. No wetlands would be impacted. No trees would be removed. The Natural Diversity Database did not identify any state-listed endangered, threatened, or special concern species in the vicinity of the project. The site is located within the 100-year flood zone. However, the control enclosure would be located approximately four feet above the 100-year flood base elevation. CL&P's project would begin during July 2013 and would be completed by approximately November or December of 2013.

Proposed 40' x 40'  
Substation Expansion  
Location (not to scale)





