

Petition 821  
Connecticut Light and Power  
12C Substation, Enfield  
Staff Report  
July 18, 2007

On June 28, 2007, The Connecticut Light and Power Company (CL&P) 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 modifications to the 12C Substation in Enfield, Connecticut. On July 17, 2007, Council member Daniel Lynch, Jr. and Council staff member Robert Mercier met CL&P representative Bob Charpentier at the substation to review this petition.

CL&P proposes to install a transformer and associated equipment within the existing fenced substation. The new transformer would increase capacity to accommodate projected load growth in the area. Additionally the new transformer would increase reliability in the event the existing transformer is out of service.

CL&P would install one 115 to 23 kV, 46.7 MVA power transformer, one 115 kV circuit switcher, and a 16-foot by 24-foot switchgear enclosure. All equipment to be installed would be of the same scale as the existing equipment.

The substation is surrounded by a wooded buffer and is located in a relatively undeveloped area. The nearest development consists of commercial properties to the north. No residences are in the immediate surrounding area. The proposed modifications would have no visual or noise impact to surrounding areas.

CL&P expects to begin construction in October 2007, with completion by May 2008.