

Petition No. 1080  
The Connecticut Light and Power Company  
Haddam, Connecticut  
Staff Report  
December 12, 2013

On November 1, 2013, the Connecticut Siting Council (Council) received a 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 for proposed modifications to an existing CL&P switching station at 181 Cove Road in Haddam, Connecticut. Council member Phil Ashton and staff member David Martin visited the site on December 5, 2013 to review the proposal. John Morissette and Kris Aberg represented CL&P at the field review.

The Haddam Neck switching station interconnects three 345-kV transmission circuits. CL&P seeks to install a 345-kV shunt reactor and three 345-kV circuit breakers in order to improve voltage control on its transmission system. The new equipment would be similar in scale and appearance to the station's existing equipment and will be installed within the existing fence line.

The Haddam Neck switching station is in a very remote location, in a small hollow surrounded by mature vegetation. The nearest residence is over 2,000 feet to the north.

CL&P's proposed modifications to the substation are not expected to have any substantial adverse environmental effects.