

Petition No. 1035 – Amendment
Eversource Energy
Montville Substation
Staff Report
March 5, 2015

On September 20, 2012, the Connecticut Siting Council (Council) approved a petition from The Connecticut Light and Power Company (CL&P), that no Certificate of Environmental Compatibility and Public Need is required for modifications to the existing Montville Substation located at 81 Lathrop Road in Montville. Upon further review of the modified substation layout, Eversource Energy (Eversource), formerly known as CL&P, identified an area that requires additional protection from potential lightning strikes.

Under the approved petition, Eversource is replacing two 345- to 115-kV autotransformers, two 115-kV circuit breakers, and two 345-kV circuit switchers. The location of the new transformers is not within the existing substation lightning protection zone; therefore, expanded lightning protection is required.

Eversource proposes to install two new 45-foot tall steel lightning masts on foundations approximately 40 feet north and south of the new transformers and within the substation fenced area. These masts are similar in height to existing structures in the substation. Eversource intends to begin work in March 2015.

Eversource submitted a copy this request to the Town of Montville. No comments were received.



Google Earth Image of Montville Substation (2013). Red dots are the approximate location of new masts.