

Petition No. 1126  
T-Mobile Northeast LLC  
Hamden, Connecticut  
Staff Report  
January 8, 2015

On December 10, 2014, T-Mobile Northeast LLC (T-Mobile) submitted a petition (Petition) to the Connecticut Siting Council (Council) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modification of a telecommunications facility located on an existing Connecticut Light and Power Company (CL&P) transmission structure at 4280 Whitney Avenue in Hamden, Connecticut.

The existing facility consists of a 96-foot CL&P monopole style transmission tower (Structure no. 4008) that was previously modified to accommodate a 20.5-foot extension for use by T-Mobile (106 feet) and AT&T (116 feet). The tower is adjacent to Whitney Avenue. A fenced equipment compound is located approximately 30 feet from the base of the tower that contains AT&T's and T-Mobile's radio equipment.

In this petition, T-Mobile proposes to remove three existing panel antennas and install six new panel antennas at the 106-foot level of the existing facility. Additional work includes new equipment cabinets, three new remote radio heads and six new amplifiers mounted on an H-frame adjacent to T-Mobile's existing ground equipment. New coax would be installed underground from the equipment compound to an ice bridge adjacent to the tower base.

T-Mobile proposes to install a new eight-foot high stockade fence with a gate around the CL&P tower and ice bridge for security purposes, per requirements from CL&P. The new fenced area would be approximately 22 feet by 12 feet and would have a locked access gate.

The maximum worst-case power density would be 36.9 percent of the applicable limit. A Professional Engineer duly licensed in the State of Connecticut has certified that the tower is structurally capable of supporting the proposed loading.

Notice was provided to the property owner, abutting property owners, and the Town of Hamden. No comments were received.

