

PROJECT PROFILE - TRANSMISSION LINE TOWER DEMOLITION

Northeastern Pennsylvania

Date: April 2013 - August 2013



A transmission tower awaiting shearing.



Objective:

Demolish a series of one-hundred fifty foot tall transmission line towers throughout Northeastern Pennsylvania.

Solution:

PPL Electric Utilities of Pennsylvania and Public Service Electric and Gas Co. of New Jersey, began the installation of a 145-mile, 500-kilovolt power line to run from Berwick, PA to Roseland, NJ. About 95% of the route follows the path of an existing and outdated power line that has been in place for over 80 years. SCE joined the team with primary responsibility of removing old transmission towers coated in lead paint.

The project, which involved shearing the towers into transportable pieces, required the careful handling of lead-based paints with constant air-quality monitoring and dust control. Sheets of protective plastic lined the ground as SCE technicians worked hand in hand with helicopter crews to drop the towers. Next, using hydraulic excavator-mounter shears and magnets, SCE crews dismantled, sheared and shipped the towers for proper disposal.

This phase of the project finished on schedule and with no injuries.

SERVICES PROVIDED

- Lead Abatement
- Demolition
- Tower Shearing

