



# TeAM Policy

## Telecom Applications Management

**SUBJECT:** Connecting Telecom Grounding Conductors to the CECONY Multi Grounded System Neutral

**POLICY NO.:** 003-01-00-x

### 1.0 Purpose

This policy establishes guidelines for the grounding of telecom pole attachments to the multi grounded neutral system owned and maintained by Consolidated Edison Company of New York (CECONY).

### 2.0 Policy Statement

2.1 CECONY may allow a telecom company to connect its grounding conductors to the CECONY multi grounded system neutral, provided:

- CECONY is not liable for any damage that might occur to telecom facilities as a result of the connection of the telecom facilities to its grounding neutral, including, but not limited to, stray currents from unbalanced load conditions or short circuits on CECONY equipment adversely affecting telecom facilities.
- A # 6 AWG bare copper grounding wire is used to connect to the CECONY neutral.
- Rigid non-metallic molding is installed to cover grounding conductors placed on the pole. Flexible or collapsible molding is not permitted.

2.2 At poles where a ground rod exists for CECONY equipment and the system neutral conductor is or is not available, the telecom company will be required to drive an additional ground rod at the base of the pole for its equipment and connect both CECONY and telecom ground rods together.

2.3 Connections between CECONY grounding conductors and telecom grounding conductors is not permitted if the CECONY grounding conductor is installed only for lightning arrestors and there is no grounded common neutral available. Under this condition the telecom company must install its own driven ground rod that shall not be connected to CECONY's ground rod.

2.4 All grounding installations must meet the latest NESC requirements.

### 3.0 References

TeAM Policy 012-00-00: *Conducting Multi-Party Pole Walks to Determine Make Ready Work*