Construction Guidelines

Equipment Placement

- **Setbacks**
  - Equipment to structure foundation = 10 feet
  - Fencing to steel structure = 5 feet
  - Fencing to laminated wood pole = 10 feet
  - Gas Lines to Pad = 5 feet from the wall of the pipe
    (case-by-case determination)
  - Gas Lines to Fence = 5 feet from wall of the pipe
  - Underground Distribution Lines = 3 feet on either side
    (avoid where possible)

- **In Right-of-Ways:**
  - Keep within the drip line (between conductors)
  - Keep parallel to overhead lines
  - Note: Goal is to keep as much of ROW clear for future Gas, Transmission or Distribution core needs.

- **Under the Structure:** With Transmission’s approval and when conditions dictate, equipment may be placed under the structure with following restrictions:
  - Concrete shelters or cabinets on concrete/steel platforms only
  - Setback from legs AND vertical/horizontal cross-bracing = 5 feet minimum
  - No wooden platforms, generators or other fuel source will be allowed
  - No board-on-board fencing

Generators

- Diesel only
- Must be enclosed with a chain link fence

Meter Board/Meter Stack

- In accordance with the current BGE metering standards
- Height = No limitation – Meter must be set at 60 inches
- Electric Service Applications filed by BGE

Fencing

- 7’+1’ chain link, unless otherwise stated by Jurisdiction
- No board-on-board unless required by the Jurisdiction
Vegetation
- No plantings allowed unless required by the Jurisdiction
- Where required, lower growing shrubs are acceptable. No trees.
  See listing of Forestry approved shrubs.
- When a landscaping plan is required, Forestry must approve the drawings.

Transmission Poles
- Single Poles with distribution under-build are prohibited from use
- PTEs acceptable under Jurisdiction height limitations and approved structural analysis
- Wood Transmission Pole Replacement
  - Single Pole: Steel or Laminated structures acceptable
  - H-Frames: No hybrids; Steel H-Frame or Single Steel Pole, if possible
- Failed Structural
  - Replacement required

Transmission Towers
- FWT Acceptable
- Failed Structural
  - Structure modifications acceptable
  - Steel pole replacement, if possible

Grounding
- Ground ring for step touch protection requires 30” from perimeter of any metal fence