



An Exelon Company

## Transmission Structures

BGE's Electric Transmission Infrastructure of more than 6,000 structures offers many zoning friendly solutions for your Network expansion.

### Types of Transmission Structures

- **Lattice ("Transmission Tower") and Steel Monopole ("Transmission Pole")**

Available Installations:

- ❖ **Power/Tower Brackets** (Standard Install) Accommodates a full-sectored site. No Radio Heads allowed.
- ❖ **Triple-Tree** (Pipe-Mounted Above) Adds height and accommodates three flush-mounted antennas.
- ❖ **Triple-Tree/Split** (Pipe-Mounted Above on Two Legs) Adds height and is meant to accommodate one to two antennas per leg. Provides opportunity for a future FWT installation without interference. No Radio Heads allowed.
- ❖ **Pole-Top Extension** (Transmission Pole Only) Adds height, includes a platform and accommodates a full-sectored site. Radio Heads typically allowed.
- ❖ **Fort Worth** (Transmission Tower Only) Adds height, includes a platform and accommodates a full-sectored site. Radio Heads typically allowed.
- ❖ **Wooden Monopole Style** Typically requires a pole change-out and is not usually a viable solution.

- **500KV Lines (High Tension)**

Available Installations:

- ❖ **Under-build Only** - A 35' separation is required from the bottom of the arm to the tip of the antenna. These sites don't typically provide remarkable height.
- ❖ No Fort Worth Towers are allowed on a 500 KV line.

### Quick Facts

- ❖ **Structure Types** - Lattice, Steel Monopole and Wooden Monopole-Style
- ❖ **Height Range** - Approximately 80'–150'
- ❖ **Voltage** - 115KV, 230KV and 500KV (High Tension)
- ❖ **R.O.W. (Rights of Way)** - Widths vary; held by easement or owned in Fee Simple
- ❖ **Site Identifiers** - Structure Nos. and Circuit Nos. (CKT#1234) are posted on all structures

