

# POWER GRID STRUCTURES

**POWER LINE  
STRUCTURES VARY IN  
HEIGHT DEPENDING ON:**



Voltage



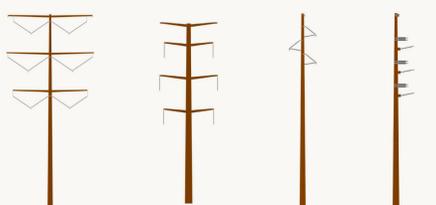
Terrain



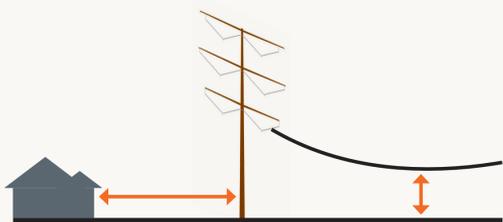
Sag of the conductor



Span between structures



Structure type



Minimum clearances prescribed by the Wisconsin State Electrical Code and company standards

## **ANTICIPATED DESIGN\*:**

- 345,000 volt
- Brown/weathering steel structures often on a concrete base
- Combination of single, double or parallel circuit options (depending on existing line conditions)
- Typical pole height is 135 to 155 feet (depending upon site conditions and number of wires)
- Typically a 150-foot utility corridor/ easement area
- General spacing between poles is 600 to 1,000 feet



\* Example only - structure and corridor design may vary by location.