Mechanical Design of Overhead lines.

**Main Components of OH lines.**

1. Line Supports – Poles or Towers. – To maintain the clearance between conductor and Ground.
2. Cross Arms – To maintain the clearance between Conductors and between Conductor and Tower.
3. Conductors
4. Insulators
5. Guys & Stays
6. Earth Wire

Designed to withstand worst probable (Not worst possible) loads.

**Diagrams.**

















