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# Chapter 1

## LV Insulator Assembly

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### 3.2 Stay Assembly

**By Orient Power**

# Stay Assembly



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Stay insulators will be used together with stay assembly on power system.

## Stay assembly components:

- Guy strain stay insulator
- Guy wire fittings
  - Wedge clamp
  - UT wedge clamp
  - Guy clips
  - Guy grip dead end clamp (for aluminium covered steel stranded wire)
  - Guy grip dead end clamp (for steel stranded wire)
  - Turnbuckle stay rod
  - Stay rod
  - Thimble clevis
  - Anchor rod
  - Stay wire
  - Pole top make off

## Usage of stay assembly on electrical construction:

The stay assembly is used to fix the wooden electrical poles or cement electrical poles in case the poles are declined if the strength is not even.

## Voltage of stay insulators applied:

- Low voltage: LV 400v
- Medium voltage: MV 11kv, 22kv, 33kv

More information can be found on Orient website.

