

---

# Tata Power Delhi Distribution's most compact substation

66/11 kV GIS grid substation for TPDDL at Prashant Vihar

In the populated city center of Prashant Vihar, Delhi, the two existing substations of 75 MVA capacity each, have not been able to keep up with the growing power demands of residential and institutional development.

---

Tata Power Delhi  
Distribution's most  
compact substation



---

# Tata Power Delhi Distribution's most compact substation

## 66/11 kV GIS grid substation for TPDDL at Prashant Vihar

**Customer** : Tata Power Delhi Distribution

**Location** : Delhi, India

**Industry** : Power Distribution

### Customer need

- In the populated city centre of Prashant Vihar, Delhi, the two existing substations of **75 MVA capacity** each have not been able to keep up with the growing power demands of residential and institutional development
- To meet the local power requirement, TPDDL planned an additional **50 MVA substation**

### ABB's solution

- Design, engineering, procurement supply, dispatch, erection, testing and commissioning of 66/11 kV GIS grid substations and **two 20/25 MVA transformers** supplied by TPDDL
- Included 66 kV GIS Unit, 11 kV Indoor Switchgear Panels, 66 kV control and relay panels, RTU, battery and battery charger, capacitor bank, surge arrestors, NIDS and erection, testing & commissioning of **66/11 kV 20/25 MVA transformer**