Bhilangana-III (3 x 8 MW) Hydro Electric Project is located in the picturesque valley of Bhilang in the state of Uttarakhand in North India. This small hydro project was commissioned in the year 2011.

Voith Hydro delivered the entire Electro mechanical scope for this project. The project is an outcome of strong relationship built by the customer, Bhilangana Hydro Power Ltd, with all the stake holders including the local inhabitants of the region.
### Key Features

#### Turbine
- **Turbine type**: Horizontal Francis
- **Number of units**: 3
- **Nominal rated output per unit**: 8.0 MW
- **Rated speed**: 750 rpm
- **Rated net head**: 213.25 m
- **Runner diameter**: 1185 mm
- **Rated discharge**: 4.33 m³/s

#### Generator
- **Rated output**: 12.235 MVA
- **Rated power factor**: 0.85
- **Rated voltage**: 11 kV

#### Major auxiliaries including
- **Switchyard voltage**: 220 KV (AIS)
- **No. of bays**: 3
- **Main Inlet Valves**: 3
- **Station & Auxiliary Transformers**
- **Cable & Cable carrier system**
- **MV & LV Switchgear**
- **EOT Crane**

### Location

![Location Map](attachment:location_map.png)