

Project Fact Sheet. Baglihar-Stage I & Stage II Hydro Electric Power Plants



Baglihar stage-I & Stage-II (each of 3x150MW) Hydro Electric Projects owned by Jammu & Kashmir State Power Development Corporation is run of the river project on Chenab River in State of Jammu & Kashmir, India. The water for both the stages shall be fed from common barrage.

The Baglihar Stage-I is in operation from March, 2009 and has been serving the local population by consistently high generation ever since it's completion. Voith Hydro led the Consortium that delivered the high performance project (Stage-I) by overcoming several logistical challenges. Baglihar stage-II is under execution and scheduled commissioning is in 2015.

Key Features

Stage-I

Turbine

| | |
|--------------------------|-----------------------|
| State/Country | Jammu & Kashmir/India |
| Start of operation | March 2009 |
| Total capacity installed | 450 MW |
| Head | 125.00 m |
| Number of units | 3 |
| Type of Turbines | Vertical Francis |
| Rated speed | 187.5 rpm |
| Rated voltage | 16.5 kV |

Stage-II

| | |
|----------------------------|------|
| Number of units | 3 |
| Scheduled Commissioning in | 2015 |

Voith Hydro share

Design, Supply, Erection & Commissioning of Generators, 400 KV Gas Insulated Substation (GIS), Bus-ducts, MV & LV Switchgear, Protection system, SCADA, Powerhouse crane and balance of plant equipment. Voith Hydro was/is the leader of the consortium to deliver the entire E&M scope of the project.

Location



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