

Project Fact Sheet.

Karcham Wangtoo 1000 MW Hydro Electric Power Plant



Karcham Wangto (4 x 250 MW) Hydro Electric Project, a flagship Project of the largest IPP in India, Jaiprakash Associates Limited, was commissioned in the year 2011.

The Karcham Wangtoo HEP, a run of river project on river Sutlej in the north Indian state of Himachal Pradesh, was commissioned 3 months ahead of contract schedule. Voith Hydro led the Consortium that delivered the Project in record time.

Key Features

Turbine

State / Country	Himachal Pradesh / India
Start of operation	July 2011
Total capacity installed	1 000 MW
Head	269 m
Number of units	4
Type of Turbines	Vertical Francis
Rated speed	214.3 rpm
Rated voltage	15.75 kV

Voith Hydro share

Design, Supply, Erection & Commissioning of Generators, auxiliaries, automation system and related balance of plant equipment. Voith Hydro was the leader of the consortium which delivered the entire E & M scope of the project.

Location



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