

Project Fact Sheet. Omkareshwar 520 MW Hydro Electric Power Plant



Since its commissioning in 2007, the Omkareshwar Hydro Electric Project, on the River Narmada in the Central Indian State of Madhya Pradesh, has been instrumental in changing the quality of life of the people of the region.

Omkareshwar (8x65MW) H.E.P has set unmatched standards for execution of Hydro Power Projects in India. Commissioned in a record time of 48 months, the Project was awarded the prestigious Gold Shield for early Commissioning by the Ministry of Power, Government of India.

Key Features

Turbine	
Turbine type	Vertical Francis
Number of units	8
Nominal rated output per unit	66.33 MW
Rated speed	93.75 rpm
Rated net head	31.09 m
Runner diameter	5.6 m
Nominal rated flow	230.4 m ³ /s
Commissioning	Winter 2007
Generator	
Rated output	72.22 MVA
Rated input	65 MW
Rated power factor	0.9
Rated voltage	11 kV
Major auxiliaries including	
Generator Transformers	8 x 80 MVA
Switchyard voltage	220 KV
No. of bays	16
MV & LV Switchgear	
Station & Auxiliary Transformers	
Cable & Cable carrier system	

Location



Voith Hydro Pvt. Ltd.
A-20 & 21, Sector-59,
Noida – 201 301 (UP/India)
Tel. +91 12 03 07-42 42
Fax +91 12 03 07-42 43
hydro.india@voith.com
voithhydro.com
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