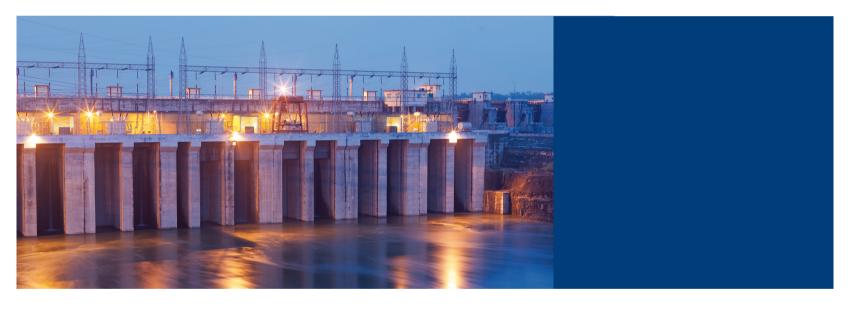


Project Fact Sheet. Omkareshwar 520 MW Hydro Electric Power Plant



Since it's 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 (8 x 65 MW) 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 m³/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



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