



KAMARAJ IAS ACADEMY
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Omkareshwar Reservoir

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Why is in news? NTPC REL Secures Bid for 80 MW Floating Solar Project at Omkareshwar Reservoir in Madhya Pradesh

NTPC Renewable Energy Limited is the successful bidder for **80 MW Floating Solar capacity at Omkareshwar Reservoir, Khandwa, Madhya Pradesh**. With **completion of this project**, the floating solar capacity of NTPC shall be **342 MW**.

The **biggest Floating Solar project** in the country is of 100 MW capacity located at NTPC **Ramagundam in Telangana**.

As on date, NTPC Group has 3.3 GW RE operational capacity, 20 GW RE capacity in pipeline, including 4 GW Energy Storage System and country's first Green Hydrogen based PNG blending project.

NTPC is **committed to achieve 60 GW of Renewable Energy capacity by 2032** and be a major player in Green Hydrogen Technology and Energy Storage domain.

About the reservoir:

The Omkareshwar Dam is a gravity dam on the **Narmada River just upstream of Mandhata** in Khandwa district, Madhya Pradesh, India.

It is **named after the Omkareshwar temple** located just downstream.

The dam was constructed between 2003 and 2007 with the purpose of providing water for irrigation of 132,500 ha (327,000 acres).

An associated hydroelectric power station located at the base of the dam has an installed capacity of 520 MW.

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