



Storm Damages World's Biggest Floating Solar Plant

Why in News?

The biggest floating solar plant in the world located at [Omkareshwar Dam](#), **Khandwa district, Madhya Pradesh** has sustained severe damage due to a storm.

Key Points

- **Narmada Hydroelectric Development Corporation (NHDC)** has initiated an assessment of the harm but remains positive that the **plant will resume power generation** shortly.
 - The Narmada Hydroelectric Development Corporation Limited (NHDC Limited) is a **joint venture between the Government of Madhya Pradesh and the National Hydroelectric Power Corporation Limited** (NHPC Limited).
- The floating structure, constructed on the backwaters of Omkareshwar Dam, was all set for deployment when it was battered by strong 50 kmph winds during a summer storm recently.
- The Omkareshwar Dam backwaters will house plants with capacities of 100 megawatts in Kelwa Khurd, 88 megawatts in Indawadi and 90 megawatts in Ekhand village.

The Omkareshwar Dam

- It is a gravity dam on the **Narmada River** just upstream of Mandhata in **Khandwa district, Madhya Pradesh**.
- 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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