



Floating Solar Project in Madhya Pradesh

Why in News?

According to the sources, The [largest floating solar project](#) in central and north India, generating **90 MW of energy**, has been commissioned at **Omkareshwar in Madhya Pradesh**.

Key Points

- The project is executed by **SJVN Green Energy Limited (SGEL)**. It is a **Mini Ratna Schedule 'A'** Central Public Sector Undertaking (CPSU) under the Ministry of Power, Government of India.
- **Omkareshwar Floating Solar Project:**
 - Located in the [Omkareshwar Floating Solar Park](#) on [Narmada river](#) in **Khandwa, Madhya Pradesh**.
 - The project aims to significantly **reduce carbon emissions by 2.3 lakh tons of CO₂**, supporting India's goal of achieving [net-zero emissions by 2070](#).
 - It will also help in [water conservation](#) by reducing water evaporation.

Narmada River



- **About:**
 - The Narmada River (also known as Rewa) serves as a traditional boundary between North and South India.
 - It is 1,312 km west of its origin from the [Amarkantak peak](#) of **Maikal mountain**. It flows into the [Gulf of Khambhat](#).
 - It drains a large area in Madhya Pradesh besides some areas in the states of Maharashtra and Gujarat.
 - **It is a West flowing river of the peninsular region flowing** through a rift valley between the [Vindhya Range](#) on the north and the [Satpura Range](#) on the south.
- **Tributaries:**

- The **predominant tributaries from the right** are – Hiran, Tendori, Barna, Kolar, Man, Uri, Hatni, and Orsang.
- The **predominant left tributaries are** – Burner, Banjar, Sher, Shakkar, Dudhi, Tawa, Ganjal, Chhota Tawa, Kundi, Goi, and Karjan.

▪ **Dams:**

- The Major dams on the river include **Omkareshwar and Maheshwar dams.**

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