

Floating Solar Project in Madhya Pradesh | Madhya Pradesh | 13 Aug 2024

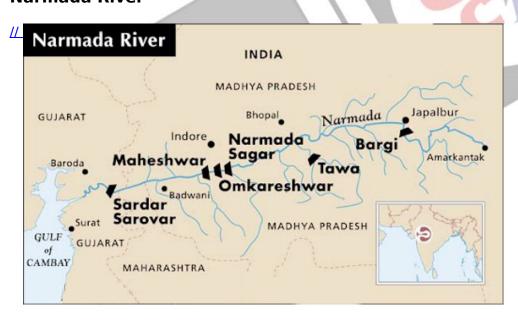
Why in News?

According to the sources, The <u>largest floating solar project</u> 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 <u>Omkareshwar Floating Solar Park</u> on <u>Narmada river</u> in <u>Khandwa</u>, <u>Madhya</u>
 Pradesh.
 - The project aims to significantly reduce <u>carbon emissions</u> by 2.3 lakh tons of CO2, supporting India's goal of achieving <u>net-zero emissions by 2070.</u>
 - It will also help in <u>water conservation</u> 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 <u>Amarkantak peak</u> of **Maikal mountain**. It flows into the <u>Gulf of Khambhat</u>.
- 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 <u>Vindhya Range</u> on the north and the <u>Satpura Range</u> 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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