



# Kaleshwaram Lift Irrigation Project

[Source: IE](#)

The [Kaleshwaram Lift Irrigation Project \(KLIP\)](#) in **Telangana** is under scrutiny after the [National Dam Safety Authority \(NDSA\)](#) reported significant structural damage and design flaws in the project.

## KLIP:

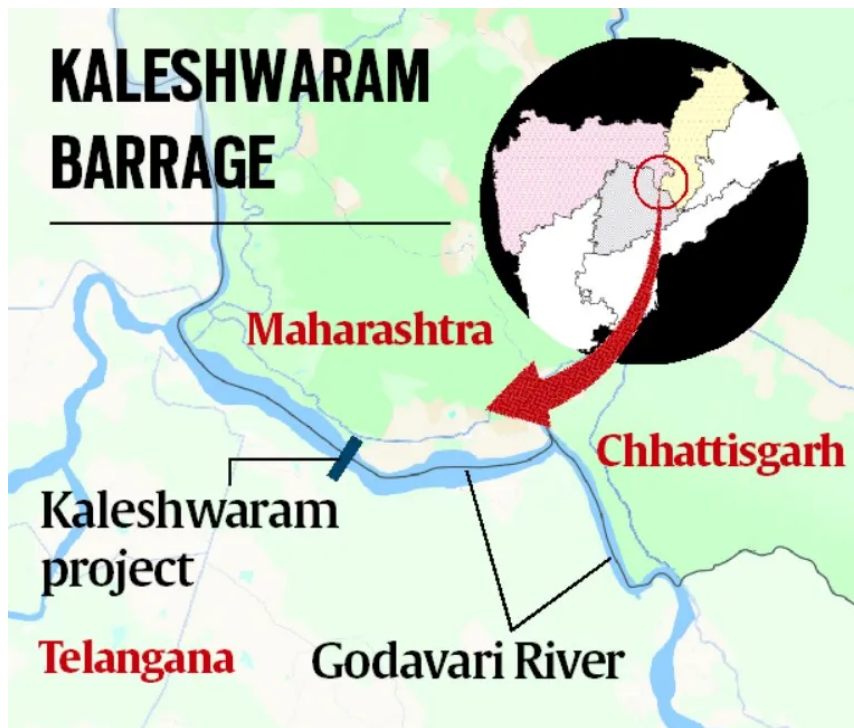
- **KLIP** is the **world's largest multi-stage** lift irrigation project on the [Godavari River](#), located in **Bhupalpally district, Telangana**.
- It spans over **500 km across 13 districts**, with a **canal network of 1,800 km**.
- The construction of the project began in June 2019 and it aims to provide **240 TMC (Thousand Million Cubic feet)** of water for various uses, with 70% earmarked for irrigation.
- The project starts at the **confluence of the Pranhita and Godavari rivers**.
- KLIP uses **massive pump systems and surge pools** to **lift water** to elevated delivery chambers for distribution across a vast command area.

## River Godavari:

- **Godavari**, often called **Dakshin Ganga**, is **India's second-longest river (after Ganga)**, originating from **Trimbakeshwar** in Maharashtra.
- It flows **1,465 km eastward**, draining in **Maharashtra, Telangana, Andhra Pradesh, Chhattisgarh, and Odisha**, before emptying into the **Bay of Bengal**.
- **Major tributaries**: Purna, Pranhita, Indravati, and Sabari (Left-Bank) and Pravara, Manjira, and Manair (Right Bank).

## NDSA:

- **NDSA** is a **statutory body** headquartered in New Delhi, established under the **National Dam Safety Act, 2021** to **regulate and oversee dams, formulate policies, resolve disputes and conduct awareness programs**.



Read More: [Kaleshwaram Lift Irrigation Project.](https://www.drishtiias.com/printpdf/kaleshwaram-lift-irrigation-project-1)

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