

Why does National Green Tribunal want to re-examine Kaleshwaram lift Irrigation Project - Explain.

The Kaleshwaram lift Irrigation Project of Telangana is a multipurpose River project for both irrigation and drinking water needs to cater the demands of Telangana constructed over Godavari River

Project Details:

• Project clearance	Dec 2017
• Capacity storage	≈ 145 TMC
• River	Confluence at streams of Godavari river
• Lifting capacity	3 TMC Present
• Components	20 Reservoirs
• Length of project	≈ 1800 km ↳ 1500 km Gravity ↳ 300 pressurised tunnel
• Area serving drinking & irrigation	20 districts of Telangana

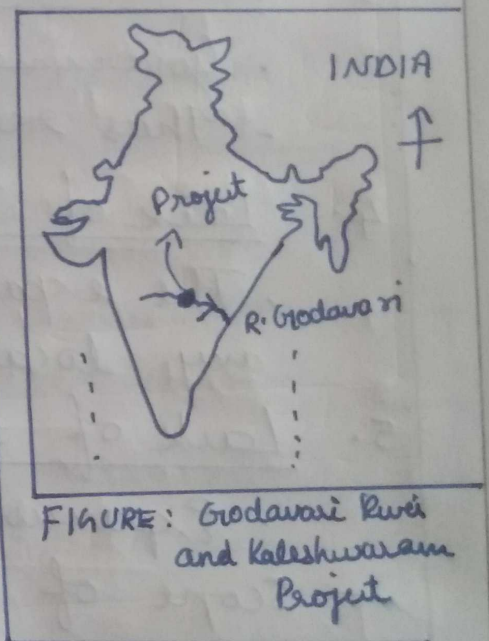


FIGURE: Godavari River and Kaleshwaram Project

## Re-examination of Project by NAIT:

1. New expansion of 1 TMC:
  - The Telangana govt gave clearance to expand lift capacity to 3 TMC from 2 TMC
  - This according to NAIT will create new infrastructure development and forest degradation
2. Varying in hydrological flow of water:
  - New flow lift capacity will decrease hydrological flow in downstream
3. Massive infrastructure build up plan:
  - Government to execute without NAIT clearance
  - Thus results in clearance of forest in Telangana
4. Lack of Tribal consultation for expansion:
  - The expansion of project did not receive any local tribal communities consultation.
5. Lack of scientific study:
  - Expansion to 3 TMC did not have scope of scientific study which NAIT asked for.
6. Varied Ecosystem changes:
  - Tunnels and gravity canals for the new proposed pumps has not obtained NAIT clearance.

Thus new expansion in project after obtained clearance will be the worlds largest Multipurpose Lift Irrigation project.