

'No RE project connected under Green Energy Corridor II so far'

Our Bureau
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The Ministry of New & Renewable Energy (MNRE) informed Parliament on Tuesday that so far no renewable energy (RE) project has been connected under the Green Energy Corridor Phase-II scheme (GEC Ph-II) so far.

The MNRE is implementing the GEC Ph-II scheme in Gujarat, Himachal Pradesh, Karnataka, Kerala, Rajasthan, Tamil Nadu and Uttar Pradesh to integrate around 20 GW of renewable energy. Under the GEC Ph-II, 91 packages have been approved, of which 73 have been tendered and 67 awarded.

"As per the information provided by the States no RE project has been connected under GEC Ph-II so far," Minister of State for New & Renewable Energy Shripad Naik said in response to a written query in Rajya Sabha.

KEY INITIATIVES

JMK Research & Analytics, in a September 2025 report, noted that the government has launched key initiatives to integrate RE into the grid. While the GEC builds dedicated transmission infra-



structure across renewable-rich States, the introduction of the General Network Access (GNA) framework streamlines connectivity for renewable generators.

The Green Energy Corridor (GEC) was conceptualised in 2015 to address the widening mismatch between India's rapidly growing renewable energy capacity and the limited availability of corresponding transmission infrastructure. It targets inter- and intra-State transmission development as a phased programme. PGCIL is implementing the Inter-State Transmission System (ISTS), while State Transmission Utilities (STUs) are developing Intra-State Transmission System (InSTS) networks in key renewable-rich States.

According to JMK Re-

search, the ISTS component of GEC Ph-I was completed in March 2020, enabling the evacuation of around 7.45 GW of RE. In contrast, progress on InSTS infrastructure has lagged. Andhra Pradesh, Gujarat, Maharashtra and Himachal Pradesh had to seek extensions beyond the expected commissioning timeline (FY24) due to persistent execution challenges.

Naik, in a written response in the Lok Sabha, said that Maharashtra, Gujarat, Andhra Pradesh and Himachal Pradesh have sought extension up to December 2025 to complete projects under the InSTS GEC-I.

Out of the 8 States, 4 have completed all the projects — Rajasthan, Karnataka, Madhya Pradesh and Tamil Nadu. Maharashtra, Gujarat, Andhra Pradesh and Himachal Pradesh have been granted extensions up to June 2025; however, these States have requested further extension up to December 2025," he has said.

While Phase I is nearing completion, the timely execution of Phase II, especially the 19 GW InSTS component, is crucial for the evacuation and utilisation of renewable energy, JMK Research said.