



RECPDCL Transfers Rajasthan Power Project to Apraava

Why in News?

REC Power Development and Consultancy Limited (RECPDCL), a subsidiary of [REC Limited](#), handed over the **Rajasthan IV-A Power Transmission project to Apraava Energy Private Limited (AEPL)**.

- The project is designed to facilitate the evacuation of power from the **Rajasthan Renewable Energy Zone Phase IV**, covering the **Jaisalmer** and **Barmer complexes**.

Key Points

- **Rajasthan IV-A Power Transmission Project:**
 - **Project Scope:**
 - Construction of a **765/400 kV, 4x1500 MVA** pooling station.
 - Construction of a **400/220 kV, 5x500 MVA** pooling station.
 - Laying of **184.56 kilometers** of **400 kV transmission line**.
 - **Timeline:** The project is expected to be completed within **two years**.
 - **Capacity Addition:** The project will significantly enhance the **region's power transmission capacity**.
 - **Impact:** The project will support Rajasthan's renewable energy objectives.
 - **Significance:** This handover is part of the broader goal to achieve **500 GW of installed electricity capacity** from **non-fossil fuel sources** by **2030**.
 - **Type of Model:** The project will be developed on a [Build, Own, Operate, and Transfer \(BOOT\)](#) basis. This development is a significant step in enhancing power transmission infrastructure in the region.
 - **BOOT model** is one type of **operator model** used in project management. In this model actual investor delegates the building, operation and maintenance of a project to another company for a limited time.

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Renewable Energy



Drishti IAS

India is the world's third largest producer of renewable energy.



Targets

- Achieve net zero carbon emissions by **2070**
- Produce **5 Million Tonnes** of green hydrogen by **2030**
- **57** Solar Parks aggregate capacity of **39.28 GW**
- Wind Energy offshore target of **30 GW** by **2030**

Installed capacity of renewable sources of energy in India

