

Solar Energy Corporation of India Ltd. (SECI)

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Solar Energy Corporation of India Ltd. Latest News

Reliance NU Suntech recently signed a 25-year Power Purchase Agreement with the Solar Energy Corporation of India, to develop and commission Asia's largest single-location integrated solar and battery energy storage system (BESS) project.

About Solar Energy Corporation of India Ltd

- It is the leading **Central Public Sector Undertaking (CPSU)** dedicated to the development and expansion of Renewable Energy (RE) capacity in India.
- It is the **only CPSU dedicated to the renewable energy** sector.
- SECI was **incorporated in 2011** as a not-for-profit company (Sec. 25 of the Companies Act, 1956) and **converted to a commercial company in 2015** (Sec. 3 of the Companies Act, 2013).
- It was **established to facilitate** the implementation of the **National Solar Mission**.
- It is under the administrative control of the **Ministry of New and Renewable Energy (MNRE)**.
- It has been accorded the status of **Miniratna Category-I CPSU**.

- SECI serves as an **implementing agency** for the development of **Solar, Wind, and Hybrid Projects as part of fulfilling** the country's **Nationally Determined Contributions (NDCs)**.
 - To achieve this, **SECI releases tenders** for selection of Renewable Energy (RE) developers for the establishment of projects on a pan-India or state-specific basis.
 - The **selection process** for successful bidders is **conducted through a tariff-based competitive e-bidding procedure**.
 - **Once selected, SECI enters into a 25-year Power Purchase Agreement (PPA)** with the chosen bidders for the procurement of power from these projects.
 - Further, SECI **establishes back-to-back 25-year Power Sale Agreements (PSA) with DISCOMs/buying entities for the sale of the procured power**.
- **Procuring Power:**
 - SECI is a **Category-I (highest) Power Trading Licensee** for trading power **on a pan-India basis**.
 - It is the intermediary power procurer for projects being set up through SECI tenders.
 - It procures power from successful developers under its tenders and sells it to buying entities (i.e. DISCOMs) through long-term PPAs and PSAs, respectively.
 - SECI is a **premier trader of renewable energy power in the country**.
- **Providing Consultancy Services to other entities:** SECI also offers **Project Management Consultancy** in the Renewable Energy sector **to Public Sector/Government entities**, including Feasibility Studies, Bid process Management, Construction Monitoring and Management, Commissioning, etc.
- SECI now **oversees a massive 65.3 GW of awarded generation capacity**.
 - Out of this, more than **60%—over 40 GW—is solar energy**.
 - The remaining capacity includes **16.3 GW of wind energy** and about 9 GW of hybrid energy projects.

Source: MINT

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