



# POWER SECTOR

NEWSLETTER | WEEK 44 | OCT 24



## POWER PURCHASE

### » MEIL AND BESCO M PARTNER FOR 618 MW SOLAR POWER PROJECT UNDER PM KUSUM

- > Megha Engineering & Infrastructures Limited (MEIL) has officially signed an agreement with Bangalore Electricity Supply Company Limited (BESCOM) to establish a 618 MW solar power project in Karnataka, under the government's PM KUSUM scheme.
- > The PM KUSUM initiative aims to increase solar energy adoption in the agricultural sector by facilitating the installation of solar power systems. This agreement reflects the commitment to enhance energy access for farmers and reduce dependency on traditional fossil fuels.
- > MEIL will be responsible for the complete project lifecycle, including planning, development, and operation, ensuring the timely delivery of renewable energy to support BESCOM's grid needs.
- > This project is a crucial part of Karnataka's broader strategy to expand its renewable energy capacity, aligning with national goals to achieve a sustainable energy future and significant greenhouse gas reduction



## POWER PURCHASE

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## RENEWABLES

- GUVNL'S PHASE VIII AUCTION SECURES 200 MW WIND CAPACITY AT ₹2.86 PER KWH
- INDIA STRENGTHENS SOLAR INDUSTRY WITH EXPANDED ALMM FRAMEWORK



## Policy and Regulatory

- CERC APPROVAL SETS COMPETITIVE TARIFFS FOR SECI'S 1.5 GW SOLAR CAPACITY
- MNRE REVAMPS OFF-GRID SOLAR PROGRAM TO ELECTRIFY 100,000 HOUSEHOLDS





# ⚡ POWER SECTOR

NEWSLETTER | WEEK 44 | OCT 24



## POWER PURCHASE

- > By harnessing solar energy, the project will contribute to lowering carbon emissions, thus promoting cleaner energy sources and aiding in combating climate change impacts.
- > The implementation of this project is expected to create numerous job opportunities, not only during the construction phase but also in the operational phase, supporting local economies and industries related to renewable energy.
- > The project is expected to follow a phased implementation approach, with specific timelines set for each development stage to ensure efficient execution and integration into the existing energy framework.
- > The successful execution of this project will significantly bolster Karnataka's renewable energy portfolio, making strides toward energy security and sustainability, and serving as a model for similar initiatives across India.



## RENEWABLES

### » GUVNL'S PHASE VIII AUCTION SECURES 200 MW WIND CAPACITY AT ₹2.86 PER KWH

- > Gujarat Urja Vikas Nigam Ltd (GUVNL) Phase VIII wind auction successfully awarded a total of 200 MW to three bidders, emphasizing the competitive landscape in the wind energy sector.
- > The winners of the auction are Juniper Green Energy, Jakson Green, and RIH Renewables, each contributing to the capacity secured.
- > The auction resulted in a competitive tariff of ₹2.86 per kWh, highlighting the decreasing costs of renewable energy technologies.







# POWER SECTOR

NEWSLETTER | WEEK 44 | OCT 24



## RENEWABLES

- > This project will significantly support Gujarat's renewable energy targets, enhancing the state's commitment to sustainable energy sources.
- > The awarded projects are expected to generate employment opportunities and stimulate local economies through increased renewable energy investment.

## INDIA STRENGTHENS SOLAR INDUSTRY WITH EXPANDED ALMM FRAMEWORK

- > The Indian government has expanded the Approved List of Models and Manufacturers (ALMM) to enhance domestic solar module manufacturing capacity, supporting local industry growth.
- > The ALMM framework is designed to ensure that all solar modules used in projects meet quality and performance standards, contributing to the reliability of solar energy systems.
- > This initiative aligns with India's aim to achieve self-reliance in renewable energy, reducing dependence on imported solar equipment.
- > With ambitious targets set for solar energy capacity, the ALMM plays a crucial role in facilitating the growth of the solar sector and meeting national objectives.

- > The successful bidders' collaboration represents a strategic shift towards larger-scale renewable energy projects, essential for achieving national energy goals.
- > The positive outcome of this auction sets a precedent for future renewable energy auctions in India, encouraging more investments in clean energy technologies.



- > Increased local manufacturing capacity is expected to create jobs and stimulate economic development within the renewable energy sector.
- > The ALMM expansion supports various government policies aimed at promoting renewable energy adoption, including initiatives like the Production-Linked Incentive (PLI) scheme.
- > As the domestic manufacturing ecosystem strengthens, it is anticipated that India will enhance its competitive edge in the global solar market.





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## POLICY AND REGULATORY

### ➤ CERC APPROVAL SETS COMPETITIVE TARIFFS FOR SECI'S 1.5 GW SOLAR CAPACITY

- CERC approved tariffs for SECI's 1.5 GW solar projects, aiming to ensure competitive pricing through a transparent bidding process.
- The approved tariffs fall between ₹2.57/kWh and ₹2.61/kWh, reflecting cost-effective renewable energy pricing.
- Major developers like ReNew Power, Avaada Energy, and SJVN Limited secured portions of the project capacity, supporting renewable growth.
- This approval aligns with India's broader goal to boost renewable capacity and meet climate commitments.
- Increased renewable generation from these projects will enhance grid reliability, promoting a balanced energy supply.
- The projects are expected to create job opportunities and support local industries within the renewable energy sector.
- The initiative is poised to reduce greenhouse gas emissions, contributing to a cleaner energy mix for India.







# ⚡ POWER SECTOR

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## POLICY AND REGULATORY

### » MNRE REVAMPS OFF-GRID SOLAR PROGRAM TO ELECTRIFY 100,000 HOUSEHOLDS

- > The Ministry of New and Renewable Energy (MNRE) has revised its initiative aimed at electrifying 100,000 households using off-grid solar solutions, enhancing rural electrification efforts.
- > The updated program emphasizes increasing access to electricity in remote areas, ensuring that rural communities benefit from reliable power supply.
- > The initiative promotes the installation of solar home systems, allowing households to generate their own electricity and reduce reliance on traditional grid connections.
- > The program supports the development of microgrids, which can efficiently distribute solar energy within communities, fostering energy independence.
- > This initiative aligns with India's broader sustainability objectives by promoting the use of renewable energy sources, contributing to reduced greenhouse gas emissions.
- > The program encourages local community participation in the implementation process, enhancing ownership and maintenance of solar systems.
- > This revision reflects India's commitment to achieving universal energy access, ensuring that even the most remote households can benefit from modern energy solutions.

