



# POWER SECTOR

NEWSLETTER | WEEK 25 | JUNE 24



## POWER PURCHASE

- › SOLARPACK HAS ENTERED INTO A POWER PURCHASE AGREEMENT (PPA) WITH SJVNL FOR THE GANEKO HYBRID PROJECT, WHICH WILL GENERATE 482 MW OF POWER
- › Solarpack has secured a 25-year Power Purchase Agreement (PPA) with SJVN Limited for its Ganeko hybrid wind-solar project located in Gujarat.
- › The PPA will commence in 2026, with Solarpack supplying clean energy to SJVN Limited.
- › The Ganeko project includes 383 MW of solar photovoltaic capacity and 99 MW of wind capacity.
- › This agreement supports Solarpack's commitment to providing renewable energy solutions in India and aligns with decarbonization objectives.



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## RENEWABLES

- › ESSAR PLANS TO ALLOCATE ₹30,000 CRORE FOR A GREEN HYDROGEN FACILITY IN GUJARAT



## Policy and Regulatory

- › THE MINISTRY OF NEW AND RENEWABLE ENERGY (MNRE) HAS ISSUED OPERATIONAL GUIDELINES FOR THE PM SURYA GHAR YOJANA
- › THE GOVERNMENT HAS RELEASED GUIDELINES FOR COMPENSATION RELATED TO THE RIGHT OF WAY FOR TRANSMISSION LINES



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## RENEWABLES

### >> ESSAR PLANS TO ALLOCATE ₹30,000 CRORE FOR A GREEN HYDROGEN FACILITY IN GUJARAT

- > Essar Group intends to invest Rs 30,000 crore over the next four years to establish a green hydrogen plant in Jamnagar, Gujarat, as part of its strategy to embrace clean energy for future growth.
- > The conglomerate aims to decarbonise its UK oil refinery and construct a green steel plant in Saudi Arabia, alongside developing an LNG and electric ecosystem to reduce emissions from heavy trucks.
- > Essar Future Energy plans to build 1 gigawatt of hydrogen capacity and associated green molecules production of 1 million tonnes per annum in Jamnagar by utilizing 4.5 GW of renewable energy from Essar Renewables.
- > The company aims to expand its electricity generation capacity to 10,000 MW over the next 3-5 years, including expanding its Salaya - DevBhoomi Dwarka thermal power plant in Gujarat.



- > In the realm of green mobility, Essar is focusing on LNG and electric solutions for heavy trucks to significantly cut CO2 emissions and air pollutants.
- > Additionally, Essar is actively involved in coal-bed methane production in West Bengal and is exploring opportunities in shale gas exploration in the Raniganj CBM block, aiming to enhance India's gas production capabilities.
- > The conglomerate also plans significant investments in decarbonizing its Stanlow refinery in the UK and establishing a green steel plant in Saudi Arabia, utilizing hydrogen technology.



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## POLICY AND REGULATORY

### » THE MINISTRY OF NEW AND RENEWABLE ENERGY (MNRE) HAS ISSUED OPERATIONAL GUIDELINES FOR THE PM SURYA GHAR YOJANA

- The Ministry of New and Renewable Energy (MNRE) has issued operational guidelines for PM Surya Ghar: Muft Bijli Yojana, focusing initially on central financial assistance (CFA) to residential consumers.
- The guidelines specify CFA under capex mode for eligible residential consumer categories. Guidelines for other program components will be released separately.
- Effective from February 13, 2024, the guidelines apply to all applications submitted through the national portal. The program will run until March 31, 2027.
- The Grid Connected Rooftop Solar Phase II Programme, operational since 2019 and extending to 2025-26, has been integrated into PM Surya Ghar. Initial funding will be sourced from Phase II until the new program's budget is established.
- CFA supports grid-connected rooftop solar installations on rooftops, terraces, balconies, elevated structures, and building integrated PV systems. Group net metering and virtual net metering installations are eligible if sanctioned by the local DISCOM.
- CFA can be utilized for installations funded by personal savings or loans. Renewable energy service company and state-led aggregation models are excluded.
- CFA is not available for non-residential sectors like government, commercial, and industrial segments. Shared facilities in group housing and residential welfare associations are eligible.
- Solar modules used must meet domestic content requirements to qualify for CFA.



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## POLICY AND REGULATORY

- > Consumers can voluntarily opt out of CFA benefits through the 'Give It Up' option on the national portal, allowing others to benefit. Opting out permits the use of non-domestic modules for installation.
- **THE GOVERNMENT HAS RELEASED GUIDELINES FOR COMPENSATION RELATED TO THE RIGHT OF WAY FOR TRANSMISSION LINES**
  - > The Ministry of Power has issued new guidelines for Right of Way (RoW) compensation concerning transmission lines, including those in urban areas, to expedite construction and ensure timely completion.
  - > These guidelines apply to transmission lines with tower bases of 66 kV and above, excluding sub-transmission and distribution lines below 65 kV.
  - > Compensation is determined by the District Magistrate, District Collector, or Deputy Commissioner based on circle rates, guideline values, or prevailing market rates if higher.
  - > Compensation for the tower base area is set at 200% of the land value, encompassing the area beneath the tower's legs plus an additional one-meter extension on each side.
  - > RoW corridor compensation amounts to 30% of the land value, covering areas defined in Schedule VII of the Central Electricity Authority Regulations, 2022, to mitigate land value reduction due to overhead lines or underground cables.
  - > Construction activities are prohibited within the RoW, and states have the flexibility to set higher compensation rates based on local conditions.
  - > Alternative compensation methods like transfer of development rights can be facilitated through deposits with local authorities or state governments.
  - > Digital payment methods such as Aadhaar-Enabled Payment System and Unified Payments Interface are preferred for one-time upfront compensation payments.



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## POLICY AND REGULATORY

- > Detailed operational procedures outline responsibilities for transmission service providers (TSPs), verification of land records, measurement of affected areas, dispute resolution, and documentation of transactions.
- > States may adopt these guidelines with modifications or adhere to central government guidelines in the absence of state-specific regulations.

