



POWER PURCHASE

» SJVN INKS PPAS WITH PSPCL FOR 1,200-MW SOLAR PROJECTS.

- » SJVN has entered power purchase agreements with Punjab State Power Corporation (PSPCL) for 200 MW solar projects in Punjab and 1,000 MW solar projects nationwide.
- » The projects will be constructed in 18 months under a build-own-operate model, requiring an investment of around Rs 7,000 crore, according to Nand Lal Sharma, SJVN's chairman and managing director.
- » PSPCL issued the Letter of Intent for the 1,200 MW projects on July 21, 2023, with an estimated first-year generation of 2,997 million units and around 69,661 million units over 25 years. This will also result in over 34 lakh tonnes of carbon emissions reduction.



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POWER PURCHASE

- » SJVN inks PPAs with PSPCL for 1,200-MW solar projects



RENEWABLES

- » GERC approves tariff for 1.2 GW Projects at Khavda Solar Park



Policy And Regulatory

- » MERC proposes Green Energy Open Access for consumers with 100 kW load.
- » RERC directs DISCOM to settle Arrears of Solar and Wind Developers beyond PPAs.



POWER PURCHASE

- ▶ SJVN is already implementing a 100 MW solar project in Punjab at a cost of about Rs 545 crore. Additionally, SJVN has committed to a power usage agreement for 500 MW solar power from its upcoming 1,000 MW Bikaner solar project in Rajasthan.
- ▶ The solar projects span both state-specific and nationwide installations, contributing to renewable energy goals.
- ▶ The commissioned projects align with environmental sustainability, targeting substantial carbon emission reductions. The estimated power output and long-term generation prospects highlight the potential for a significant energy contribution.





RENEWABLES

» GERC APPROVES TARIFF FOR 1.2 GW PROJECTS AT KHAVDA SOLAR PARK

- » Gujarat Electricity Regulatory Commission (GERC) has endorsed tariffs from competitive bidding by Gujarat Urja Vikas Nigam (GUVNL) for 600 MW solar power at Khavda Solar Park, extendable by 600 MW through a greenshoe option.
- » GUVNL highlighted that park-based solar projects face higher tariffs due to challenging geographical conditions and flooding risks at Khavda Solar Park, affecting foundation and module installations.
- » GERC sanctioned rates of Rs. 2.73/kWh for 200 MW from NHPC, Rs. 2.88/kWh for 200 MW from SJVN Green Energy (a subsidiary of SJVN), and ₹2.89/kWh for 200 MW from NTPC Renewable Energy.
- » GERC acknowledged transparent tendering by GUVNL and endorsed tariffs, considering challenges outlined by the DISCOM.
- » GERC directed GUVNL to sign power purchase agreements (PPAs) with the successful bidders, which include NHPC, SJVN Green Energy, and NTPC Renewable Energy.
- » GUVNL must ensure successful bidders sign PPAs within 30 days of Letters of Intent issuance; GERC directed disclosing bidder names and tariffs on the GUVNL website for 30 days.
- » GUVNL's September 2022 tender sought 600 MW solar power bids, with NHPC, SJVN Green Energy, and NTPC Renewable Energy emerging as winners. The Greenshoe option offered 600 MW for Gujarat government entities, which was accepted by GIPCL.





POLICY AND REGULATORY

» MERC PROPOSES GREEN ENERGY OPEN ACCESS FOR CONSUMERS WITH 100 kW LOAD

- ▶ Maharashtra Electricity Regulatory Commission (MERC) has proposed changes to the Distributed Open Access Regulations, aligning them with the Ministry of Power's Green Energy Open Access Rules.
- ▶ Consumers with contract demand 100 kW or more, or those combining multiple 100 kW connections within one electricity division of a DISCOM, can access renewable power through open access.
- ▶ Stakeholders can provide feedback on the proposed changes until August 25, 2023.
- ▶ Captive consumers using open access for green energy won't face power supply limitations.
- ▶ Consumers with multiple connections before open access must inform DISCOM about the distribution of renewable energy generation among connections.



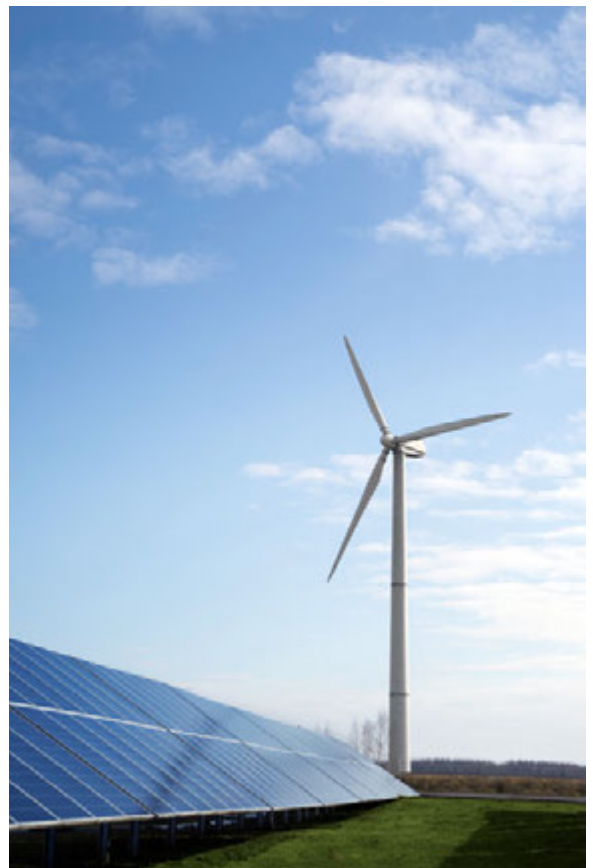
- ▶ Green energy open access consumers must maintain their power consumption quantum via open access for at least 12 time blocks.
- ▶ Consumers with rooftop renewable energy systems can simultaneously use open access.
- ▶ For those adopting green energy open access, the cross-subsidy surcharge won't exceed 50% of the determined surcharge for the year, remaining in effect for 12 years from the project's operational start. Surcharge exempted for specific cases.



POLICY AND REGULATORY

» RERC DIRECTS DISCOM TO SETTLE ARREARS OF SOLAR AND WIND DEVELOPERS BEYOND PPAs

- ▶ RERC has authorized Rajasthan Urja Vikas Nigam (RUVNL) to clear outstanding payments to renewable energy suppliers who exceeded power purchase agreements (PPAs) by providing solar and wind power to the DISCOM.
- ▶ RERC mandates settling arrears within 90 days for wind power at Rs. 2.44/kWh and solar power at Rs. 2.24/kWh, covering the period after March 31, 2019; late payments incur a surcharge.
- ▶ RUVNL filed a petition seeking tariff determination for procuring renewable energy (wind and solar) beyond March 31, 2019, at rates of ₹2.44/kWh for wind and ₹2.24/kWh for solar.
- ▶ RUVNL initially engaged in PPAs with renewable energy developers until March 31, 2019, at rates set by the Commission based on the Average Power Purchase Cost (APPC).





POLICY AND REGULATORY

- ▶ Changes in regulations on Renewable Energy Certificates and Renewable Purchase Obligation (RPO) Compliance led to discontent among developers, who sought an extension of PPAs beyond March 2019 through legal action.
- ▶ RUVNL proposed a power procurement plan under the RPO framework, citing a need to fulfil the Renewable Purchase Obligation (RPO) for both wind and solar energy at rates of ₹2.44/kWh for wind and ₹2.24/kWh for solar.
- ▶ The High Court approved RUVNL's approach to the Commission for power procurement, despite developers not being paid for their injected power since April 1, 2019.
- ▶ RERC recognized the DISCOM's RPO deficit and allowed power procurement under the RPO framework at the proposed rates, directing RUVNL to settle outstanding payments up to June 30, 2023 within outer limit of 90 days from the issuance of this Order. RERC also permitted for supplementary PPAs on agreed terms and conditions for balance useful life of renewable projects w.e.f. April 1, 2019.
- ▶ RERC also directed that if the Petitioner does not make payment of future energy charges within the stipulated time limit, then LPS as per the prevailing regulations from time to time shall be made applicable. Accordingly, a clause may be included in the supplementary PPA.

