



## POWER SECTOR



### POWER PURCHASE

#### » SJVN SIGNS POWER PURCHASE AGREEMENT WITH BBMB FOR DEVELOPING SOLAR PROJECT.

- » SJVN signed a Power Purchase Agreement (PPA) for 18 MW Solar Power with Bhakra Beas Management Board (BBMB).
- » The project shall be developed within 12 months on Build Own and Operate basis and will involve an investment of around Rs. 90 crores.
- » Project has been secured through open competitive bidding at a tariff of Rs. 2.63/- in the e-reverse auction organized by Punjab Energy Development Agency.
- » The project will generate 39.42 million units of energy in the first year of operation and the cumulative energy generation over life cycle of the plant would be about 917 million units.
- » Power Purchase Agreement for the power produced from the project has been signed with BBMB for 25 years. Commissioning of this project is expected to reduce 44,923 tons of carbon emission.

NEWSLETTER | Week 36 | Sep 2023



### POWER PURCHASE

- » SJVN Signs Power Purchase Agreement With BBMB For Developing Solar Project.



### RENEWABLES

- » NVVN a wholly owned subsidiary of NTPC Ltd signs MoU with IGL to set up renewable energy projects.
- » IEX recorded lowest Renewable Energy Traded in August 2023



### Policy And Regulatory

- » Amendment in Submission of Safety Audit Reports as per Central Electricity Authority Regulations, 2022 - reg.



## POWER SECTOR



NEWSLETTER | Week 36 | Sep 2023



## RENEWABLES

### » NVVN A WHOLLY OWNED SUBSIDIARY OF NTPC LTD SIGNS MOU WITH IGL TO SET UP RENEWABLE ENERGY PROJECTS.

- » A MoU between NVVN (NTPC Vidyut Vyapar Nigam) Ltd. and Indraprastha Gas Limited (IGL) has signed for establishment of Renewable Energy (RE) projects and trading of Renewable Energy.
- » NVVN works as an Energy trading partner for IGL.
- » NVVN to provide Project Management Consultancy (PMC) services and pre-feasibility study to IGL.



### » IEX RECORDED LOWEST RENEWABLE ENERGY TRADED IN AUGUST 2023

- » IEX has recorded lowest renewable energy volumes in 2023 during the month of August 2023. Only 242.3 million units were traded on IEX which is reduction of 46% in year-on-year from 437 million units last August. Also, there is decline of 11.9% in monthly volumes as compared to July
- » Throughout the year IEX has been witnessing reduction in trade volumes for green energy as compared to last year. The highest recorded volume was in March 2023 i.e. 391 MUs.





## POWER SECTOR



NEWSLETTER | Week 36 | Sep 2023



## RENEWABLES

- ▶ On the other hand, the Green Day Ahead Market (G-DAM) and Green Term Ahead Market (G-TAM) segments have witnessed a steep increase in prices
- ▶ In G-DAM the volumes recoded were 159.7 MUs which is a decline of 50% as compared to last year. The weighted average price was Rs. 7.16 per unit which is rise of 37.6% on yearly basis and 44.6% on monthly basis.
- ▶ Similarly, in G-TAM volumes recoded were 82.6 MUs which is a decline of 29.4% as compared to last year. The weighted average price for solar was discovered as Rs. 5.26 per unit whereas for non-solar the price discovered was Rs. 6.96 per unit and for hydro power the price went up to Rs. 8.80 per unit
- ▶ The solar and non-solar prices increase by 69.7% and 39.48% respectively as compared to July. A huge escalation was observed in the prices of hydro power which increased by 97.75% as compared to last month.
- ▶ Lower Wind energy generation is also one of the reason for such steep reduction in volumes for green power on IEX.





## POLICY AND REGULATORY

### » AMENDMENT IN SUBMISSION OF SAFETY AUDIT REPORTS AS PER CENTRAL ELECTRICITY AUTHORITY REGULATIONS, 2022 - REG.

- » With reference to the Regulations for Safety Requirements of Construction, Operation and Maintenance of Electrical Plants and Electric Lines as per CEA Regulations, 2022. The following amendments has been done under the clause 12 of the aforesaid regulations and is reproduced below for ready reference:
  - (1) Safety audit of generating stations shall be periodically carried out every two years by an accredited third party and the audit report shall be sent to the Authority.
  - (2) Authority through a designated officer may verify such reports by physical site inspections as and when required.
  - (3) Safety checks shall be site specific and shall include the minimum safety checks as identified in Schedule IV annexed to these Regulations”.
- » In compliance to above regulation clause 12(2), Authority hereby nominate Director, Thermal Engineering & Technology Development (TE&TD) division of CEA as the “Designated Officer” for thermal power plants.

