



POWER PURCHASE

» ARUNACHAL PRADESH GOVT. APPROVES ALLOTMENT OF TWO POWER PROJECTS TO NHPC

- » Arunachal Pradesh government has given its approval to assign the 2,000 MW Subansiri Upper Hydro project and the 1,800 MW Kamala project to the National Hydroelectric Power Corporation (NHPC) Ltd.
- » These projects were initially awarded to private power developers but have now been reassigned to the state-run NHPC.
- » The Subansiri Upper project is situated in the Upper Subansiri district of the north-eastern state and is positioned along the Subansiri river, which is a tributary of the Brahmaputra river. On the other hand, the Kamala Project will be built on the Kamala River, which is a tributary of the Subansiri river, and its location is in the Kamle district.



POWER PURCHASE

- » Arunachal Pradesh Govt. approves allotment of two power projects to NHPC.



RENEWABLES

- » A total of 170,000 Acres of land allocated to solar parks till date.



Policy And Regulatory

- » APERC notifies amendments to Renewable Purchase Obligations Regulations, 2022.
- » MPERC issues Procedure to verify the compliance of Captive Power Projects.



**POWER PURCHASE**

- ▶ The Subansiri Upper project were earlier allotted to KSK Energy Venture Ltd on March 18, 2010, while, the Kamala project was offered to Jindal Power Ltd on August 28, 2009, by signing memorandum of agreements (MoAs).
- ▶ The State Government has so far terminated 44 Memorandums of Agreements (MoAs) with various private power developers as they "showed less interest" in executing projects allotted to them.
- ▶ The projects which have been withdrawn from private developers would be handed over to central public sector understandings (CPSUs) and accordingly, fresh MoAs would be signed soon.

**RENEWABLES****» A TOTAL OF 170,000 ACRES OF LAND ALLOCATED TO SOLAR PARKS TILL DATE**

- ▶ Till date, the Government of India has sanctioned 50 solar parks across 12 states, totalling around 37,990 MW. Of the approved parks, 11 have been fully commissioned with a total project capacity of 8,521 MW, while seven have been partially commissioned with a total project capacity of 3,985 MW.
- ▶ The Government has installed 10,237 MW capacity under the Solar Parks and Ultra Mega Power Projects program.





RENEWABLES

- MoP also provided state and union territory specific details of solar parks and the projects installed within them:

State	Number of Parks	Sanctioned Capacity	Projects Installed
		MW	
Andhra Pradesh	5	4,200	3,050
Rajasthan	9	8,276	2,901
Karnataka	2	2,500	2,000
Madhya Pradesh	8	4,680	1,000
Gujarat	7	12,150	900
Uttar Pradesh	7	3,720	266
Kerala	2	155	100
Mizoram	1	20	20
Chhattisgarh	1	100	-
Jharkhand	3	1,089	-
Maharashtra	2	750	-
Odisha	3	340	-
Total	50	37,990	10,237



- As of June 30 2023, 170,000 acres of land has been acquired for solar park projects. The Solar Parks program was implemented in December 2014 to set up at least 25 solar parks and ultra-mega solar parks with a cumulative capacity of 20 GW.
- The target was increased to 40 GW in 2017 with parks proposed to be set up by FY 2023-24.

**POLICY AND REGULATORY****» APERC NOTIFIES AMENDMENTS TO RENEWABLE PURCHASE OBLIGATIONS REGULATIONS, 2022**

- ▶ Andhra Pradesh Electricity Regulatory Commission (APERC) has notified the amendments to the Renewable Power Purchase Obligation Compliance by Purchase of Renewable Energy/Renewable Energy Certificates Regulations, 2022
- ▶ The major features of the amendment have been covered below:
 - ▶ Entities can choose to purchase renewable energy up to a certain percentage of their consumption or fulfil their entire consumption through renewables.
 - ▶ Renewable energy supplied will include a green tariff, adding ₹0.75 (~\$0.009) per unit to the regular tariff, identifying entities using renewable energy from DISCOMs.
 - ▶ Minimum subscription duration for requesting renewable energy from DISCOMs is one year from the next financial year.
 - ▶ Surplus renewable energy purchased beyond RPO of 'obligated entities' and by 'non-obligated entities' will contribute to DISCOMs' RPO compliance.
 - ▶ Entities exceeding RPO targets will receive Green Stars Certificates within three months after the financial year-end, based on their renewable energy consumption levels.
- ▶ The amendments came into force from 14th July, 2023





POLICY AND REGULATORY

» MPERC ISSUES PROCEDURE TO VERIFY THE COMPLIANCE OF CAPTIVE POWER PROJECTS

- ▶ Madhya Pradesh Electricity Regulatory Commission (MPERC) has issued a detailed procedure to verify captive generating projects and user compliance as per the Electricity Rules, 2005 provisions.
- ▶ Madhya Pradesh Power Transmission Company (MPPTCL) will be the designated authority to determine the captive status of the captive generating projects and captive users.



**POLICY AND REGULATORY****➤ The general compliance is briefed below:**

- Captive user must maintain ownership of the generating project or unit at a minimum of 26% with voting rights throughout the year.
- They must consume no less than 51% of the electricity generated annually.
- In the case of multiple captive users, they collectively must hold a minimum of 26% paid-up equity share capital with voting rights for the entire year.
- Consumption must be in proportion to their respective shares, ensuring at least 51% of total electricity generated, with a permissible variation of not more than 10%.
- Proportionality test applies to the net 51% of aggregate generation, not considering consumption exceeding this amount by a captive user.



- If generating project owned by an SPV with multiple units, captive users must collectively hold 26% of proportionate paid-up equity share capital and consume 51% of the electricity generated for their captive use annually.
- For non-SPV-owned projects, the same rules apply, and minimum consumption of 51% applies to the identified generating unit for captive use.
- In the case of cooperative societies, members should collectively hold 26% ownership throughout the year and consume at least 51% of the energy generated annually. Ownership changes must be communicated within 15 days.