



Policy & Regulatory Updates



Issued by Central Government & its organizations:

I. Ministry of New and Renewable Energy (MNRE)

1. Guidelines on Design Specifications, Performance Guidelines, and Testing Procedure for Solar Cold Storage with Thermal Energy Storage Backup	11th February 2025
<p>The MNRE has issued a “Guidelines on Design Specifications, Performance Guidelines, and Testing Procedure for Solar Cold Storage with Thermal Energy Storage Backup” after consultation with all stakeholders. These guidelines are uploaded on MNRE website.</p> <p>These guidelines shall come in force with immediate effect and will serve as the standard reference for all concerned stakeholders. All Central and State Government departments, authorities, agencies, and stakeholders are advised to adhere to the guidelines in the implementation and operation of “solar-powered cold storage systems” in the country.</p>	
<p>Download link: https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/02/202502111110376370.pdf</p>	

2. Clarification in Guidelines for Implementation of PM-Surya Ghar: Muft Bijli Yojana-reg.	13th February 2025
<p>The MNRE has issued an OM regarding clarification in Operational Guidelines for Implementation of PM Surya Ghar: Muft Bijli Yojana (PMSG: MBY) for the component of “CFA to residential consumers”.</p> <p>A number of representations have received stating that many roofs, especially in rural areas are not suitable for rooftop solar therefore, beneficiaries are not able to benefit from PMSG: MBY Scheme. It is also the intent of the scheme to allow apartment dwellers to participate in the scheme through Virtual Net Metering arrangements, which can be made viable through ground mounted, elevated installations.</p> <p>Currently, para 5 (b) of the scheme guidelines states that “For the purpose of CFA, residential RTS plant would be the grid connected solar power system tagged to a particular residential</p>	

power connection of the local DISCOM and will only include installations on a roof/terrace/balcony or on top of elevated structures”.

It is clarified through this OM that ground-mounted elevated installations, meeting the technical specifications detailed in the guidelines are explicitly allowed in the scheme. This clarification will apply both on capex mode as well as RESCO/Utility Led Mode of implementation under the PMSG: MBY.

Download link:

<https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/02/202502141369282676.pdf>

<p>3. Formation of a Cyber Security Team under CISO to Oversee Cyber Security Activities for the Ministry of New and Renewable Energy (MNRE).</p>	<p>19th February 2025</p>
<p>The MNRE has issued an OM regarding formation of a Cyber Security Team under CISO to oversee Cyber Security activities for the Ministry of New and Renewable Energy (MNRE).</p> <p>The objective is to streamline Cyber Security activities across MNRE and ensure that all associated digital and technology infrastructure remains secure, compliant, and resilient to emerging threats. It is imperative to establish a robust Cyber Security framework to safeguard critical data and resources in line with the growing importance of Cyber Security in the context of the Ministry's operations, including the increasing reliance on digital platforms, the rapid adoption of renewable energy technologies, and the shift towards digitization.</p>	
<p>Download link: https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/02/202502211898918024.pdf</p>	

II. Ministry of Power (MoP)

<p>1. Tariff Based Competitive Bidding Guidelines For Procurement Of Storage Capacity/Stored Energy From Pumped Storage Plants.</p>	<p>06th February 2025</p>
<p>Ministry of Power has issued the Tariff Based Competitive Bidding Guidelines For Procurement Of Storage Capacity/Stored Energy From Pumped Storage Plants.</p> <p>The Guidelines for the procurement and utilization of Battery Energy Storage Systems (BESS) are already in place, but there are no separate guidelines for Pumped Storage Plants (PSP). Considering the distinct requirements of PSP in aspects such as land acquisition, permits and</p>	

clearances, project timelines and performance parameters, separate guidelines for PSPs are issued to address the specific nuances of PSP technologies.

Download link:

https://powermin.gov.in/sites/default/files/webform/notices/Guideline_for_procurement_of_storage_capacity_stored_energy_from_pumped_storage_plants.pdf

2. Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Firm and Dispatchable Power from Grid Connected Renewable Energy Power Projects with Energy Storage Systems.

12th February 2025

Ministry of Power has issued the amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Firm and Dispatchable Power from Grid Connected Renewable Energy Power Projects with Energy Storage Systems. The Guidelines introduced new instrument Insurance Surety Bonds for establishment of EMD & PBG. Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or Any other instrument approved in General Financial Rules as amended from time to time by Central Government.

Download link:

https://powermin.gov.in/sites/default/files/webform/notices/Amendment_to_the_Guidelines_for_TBCB_Process_for_Procurement_of_Firm_and.pdf

3. Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Wind Solar Hybrid Projects.

12th February 2025

Ministry of Power has issued the amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Wind Solar Hybrid Projects. The Guidelines introduced new instrument Insurance Surety Bonds for establishment of EMD & PBG. Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or Any other instrument approved in General Financial Rules as amended from time to time by Central Government.

Download link:

https://powermin.gov.in/sites/default/files/webform/notices/Amendment_to_the_Guidelines_for_TBCB_Process_for_Procurement_of_Power_from_Grid_Connected%20Solar_Hybrid_Power_Projects.pdf

4. Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects.	12th February 2025
<p>Ministry of Power has issued the amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects. The Guidelines introduced new instrument Insurance Surety Bonds for establishment of EMD & PBG. Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or Any other instrument approved in General Financial Rules as amended from time to time by Central Government.</p>	
<p>Download link: https://powermin.gov.in/sites/default/files/webform/notices/Amendment_to_the_Guidelines_for_TBCB_Process_for_Procurement_of_Power_from_Grid_Connected_Solar_PV_Power_Projects.pdf</p>	

5. Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement Power from Grid Connected Wind Power Projects.	12th February 2025
<p>Ministry of Power has issued the amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement Power from Grid Connected Wind Power Projects. The Guidelines introduced new instrument Insurance Surety Bonds for establishment of EMD & PBG. Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or Any other instrument approved in General Financial Rules as amended from time to time by Central Government.</p>	
<p>Download link: https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/02/202502181490876147.pdf</p>	

III. Central Electricity Regulatory Commission

1. Central Electricity Regulatory Commission (Terms and Conditions of Tariff) (First Amendment) Regulations, 2025.	04th February 2025
<p>CERC has issued first amendment of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2025.</p>	
<p>Download link: https://www.cercind.gov.in/regulations/197.pdf</p>	

IV. Central Electricity Authority

1. Advisory on co-locating Energy Storage Systems with Solar Power Projects to enhance grid stability and cost efficiency reg.	18th February 2025
<p>CEA has issued an advisory on co-locating Energy Storage Systems with Solar Power Projects to enhance grid stability and cost efficiency. The Energy storage systems (ESS) would be essential to ensure grid stability, reliability, and optimal energy utilization. ESS can help address the intermittency challenges of RE projects, by storing excess energy for use during low RE hours, thus ensuring a more reliable and stable grid.</p> <p>All Renewable Energy Implementing Agencies (REIAs) and State utilities are advised to incorporate a minimum of 2-hour co-located Energy Storage Systems (ESS), equivalent to 10% of the installed solar project capacity, in future solar tenders. This requirement will help mitigate intermittency issues and provide critical support during peak demand periods. A suitable compliance mechanism may also be explicitly mentioned in the bid document to ensure the availability of storage during non-solar hours.</p> <p>Distribution licensees may also consider mandating 2-hour storage with roof top solar plants as well. This will improve reliability of supply at the consumer end and distribution licensees will also feel the relief from over-injection during solar hours.</p>	
<p>Download link: https://cea.nic.in/wp-content/uploads/notification/2025/02/Advisory_on_colocating_Energy_Storage_System_with_Solar_Power_Projects_to_enhance_grid_stability_and_cost_efficiency.pdf</p>	

2. Methodology for Capacity Credit of Generation Resources & Coincident Peak Requirement of Utilities Under Resource Adequacy Framework.	February 2025
<p>CEA has issued Methodology for Capacity Credit of Generation Resources & Coincident Peak Requirement of Utilities Under Resource Adequacy Framework.</p> <p>As per the Resource Adequacy Guidelines. Central Electricity Authority is mandated to calculate the capacity credit of various sources and provide the same to state utilities. CEA is also mandated to determine the coincident peak contribution of different states and utilities during the National Peak. The coincident peak needs to be published for the next two years and needs to be updated annually.</p> <p>This paper examines various methods for assessing the capacity credit of solar, wind, and other renewable energy sources. It discusses the importance of capacity credit for grid stability and energy planning. Additionally, this paper serves as a guide for utilities to calculate capacity</p>	

credit for their specific resources and to determine their coincident peak requirements during National Peak.

Incorporating the capacity credit of variable renewable energy (VRE) into energy planning processes improves the predictability, reliability, and sustainability of the energy system. It enables stakeholders to make informed decisions that optimize resource utilization, support grid stability, and accelerate the transition to a low-carbon energy future.

Download link:

https://cea.nic.in/wp-content/uploads/notification/2025/02/Methodology_for_Capacity_Credit_of_Generation_Resources_Coincident_Peak_Requirement_of_Utilities_Under_Resource_Adequacy_Framework.pdf

<p>3. Procedure for Verification of Captive Status of Such Generating Plant, Where Captive Generating Plant and its Captive User(s) are located in more than One State.</p>	<p>10th February 2025</p>
<p>The Central Electricity Authority has issued Procedure for Verification of Captive Status of Such Generating Plant, Where Captive Generating Plant and its Captive User(s) are located in more than One State</p>	
<p>Download link: https://cea.nic.in/wp-content/uploads/notification/2025/02/Issuance_of_Captive_Procedure.pdf</p>	

<p>4. Request for Expression of Interest (EOI) from Institutions of National Importance for conducting Large Size Triaxial Shear test for Pumped Storage Projects.</p>	<p>February 2025</p>
<p>CEA has issued Request for Expression of Interest (EOI) from Institutions of National Importance for conducting Large Size Triaxial Shear test for Pumped Storage Projects.</p>	
<p>Download link: https://cea.nic.in/wp-content/uploads/notification/2025/02/EOI_Large_size_tri_axial_test_PSPs_1-1.pdf</p>	



Issued by State Governments & their organizations:

I. Andhra Pradesh Electricity Regulatory Commission

1. Third Amendment to the APERC Security Deposit Regulation 2004 (Regulation No. 6 of 2004)	25th February 2025
<i>Download link: https://aperc.gov.in/admin/upload/Gazette3of2025.pdf</i>	
2. Fourth Amendment to the Andhra Pradesh Electricity Regulatory Commission Electricity Supply Code Regulation- (Regulation No. 5 of 2004)	25th February 2025
<i>Download link: https://aperc.gov.in/admin/upload/Gazette2of2025.pdf</i>	
3. Third Amendment to the APERC Licensees Duty for Supply of Electricity on Request and Recovery of Expenses for Providing Electric Line or Electrical Plant Regulation 2013 Regulation No.4 of 2013	25th February 2025
<i>Download link: https://aperc.gov.in/admin/upload/Gazette1of2025.pdf</i>	
