



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

समन्वित संसाधन योजना प्रभाग

Integrated Resources Planning Division

Date-18th October 2024

PUBLIC NOTICE

Subject: Draft Discussion Paper on Methodology for Capacity Credit of Generation Resources & Coincident Peak Requirement of Utilities under Resource Adequacy Framework-stakeholder Comments.

As per the guidelines for the Resource Adequacy planning framework published by the Ministry of Power in June 2023, the Central Electricity Authority has been entrusted to publish the capacity credits for different generating resources and specify the State/UT's contribution towards the national peak.

2. To fulfill this mandate, the C.E.A. has prepared this draft discussion paper highlighting various methodologies for assessing the capacity credit of solar, wind, and other renewable energy sources. It also discusses the importance of capacity credit for grid stability and energy planning. Additionally, this paper serves as a guide for utilities to calculate capacity credit for their specific resources and to determine their coincident peak requirements during National Peak.

3. This discussion paper would serve as a valuable resource for policymakers, industry professionals, and researchers seeking to address the critical issue of resource adequacy in the context of a rapidly evolving energy landscape. The discussion paper is published on the CEA website and can be accessed via the link- https://cea.nic.in/wp-content/uploads/irp/2024/10/Discussion_paper_on_Capacity_Credit_Coincident_Peak-2.pdf

4. **All stakeholders are requested to furnish their inputs/comments for finalization by 4th Nov 2024 via email to ceirpcea@nic.in.**

-sd-

Ammi Ruhama Toppo
Chief Engineer, IRP