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Chairman & Managing Director

TNEB Ltd., & TNPDCL and Chairman,
TNPGCL, TANTRANSCO & TNGECL.

Chairperson SRPC

Dated 15th September 2026

To

The Chairperson
Central Electricity Authority
New Delhi

Subject: Request for review of the regulatory framework governing connectivity of Renewable Energy generating stations/loads connected below 33 kV and issuance of appropriate technical standards/guidelines

Sir,

Your kind attention is invited to the *Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations*, which prescribe comprehensive technical standards for generating stations seeking connectivity to the grid at voltage levels of 33 kV and above. Concurrently, Renewable Energy (RE) generating stations connected below the 33 kV threshold are governed by the *Central Electricity Authority (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2013* (hereinafter referred to as "DGR Regulations, 2013").

While the DGR Regulations, 2013, established the foundational framework for distributed generation, these standards were promulgated at a time when the penetration of distributed renewable generation was relatively limited.

With the recent, significant surge in MW-scale RE generating stations, plans for distributed BESS, and critical loads being interconnected directly at distribution voltage levels and Distribution Licensees (DISCOMs), State Transmission Utilities (STUs), and State Load Despatch Centres (SLDCs) are encountering practical and operational challenges.

The systemic implications of this large-scale integration were extensively deliberated during the 55th Technical Coordination Committee (TCC) and the 58th Southern Regional Power Committee (SRPC) meetings held on 24.07.2026 and 28.07.2026, respectively. During these proceedings, the constituent Southern Region States highlighted a rapidly increasing number of RE generating stations, particularly those within the 1–2 MW capacity range, seeking grid connectivity below 33 kV distribution voltage levels. In addition, the forum observed a growing trend of high-impact critical loads and localized BESS being deployed below the 33 kV threshold.

The forum noted with concern that the existing DGR Regulations, 2013, do not comprehensively address the advanced technical, protection, data telemetry, and operational requirements associated with the large-scale integration of modern sub-33 kV MW-scale resources. Consequently, in the absence of updated, uniform national standards, varying and inconsistent technical practices are currently being adopted by different state utilities.

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It is requested that the matter be thoroughly examined by the Authority for the issuance of suitable amendments to the existing regulations, or for the formulation of a separate, comprehensive regulatory framework tailored specifically for Renewable Energy generating stations, storage systems, and critical loads connected below 33 kV, as deemed appropriate.

Yours faithfully,

CHAIRPERSON/SRPC