ग्रिड-इंडिया GRID-INDIA
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
GRID CONTROLLER OF INDIA LIMITED
(A Government of India Enterprise)
[Formerly Power System Operation Corporation Limited (POSOCO)]
दक्षिण क्षेत्रीय भार प्रेषण केन्द्र / Southern Regional Load Despatch Centre
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संदर्भ/ Ref: द.क्षे.भा.प्रे.के/SRLDC/SO-1/ दिनांक/Date: 23-09-2026

सेवा में/ To

(1) Chief Engineer (SLDC) APTRANSCO, Vijayawada
(2) Chief Engineer (LD) KPTCL, Bengaluru
(3) Chief Engineer (Transmission and System Operation), Kalamaserry
(4) Chief Engineer (Grid Operation) TANTRANSCO, Chennai
(5) Chief Engineer (SLDC) TGTRANSCO, Hyderabad

Subject: Implementation of approved Under Frequency Protection settings for Pumping Load/Lift Irrigation Schemes in line with 14th NPC meeting of CEA - Reg.

सर/मैडम/ Sir/Madam,

It is pertinent to note that, as per Regulation 29(12) of the Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023, pumped storage hydro plants operating in pumping mode and ESS operating in charging mode are required to be automatically disconnected before the first stage of UFR. Further, as per the excerpts of the 14th Meeting of the National Power Committee (NPC) of CEA held on 03.02.2024, it was decided that:

"Pumping load will be tripped before AUFLS first stage. Irrigation Pumps would be tripped at 49.50 Hz."

The above decision has also been recorded in the 52nd TCC and 55th SRPC meetings. Further, based on the deliberations in the 143rd PCSC meeting and subsequent PCSC meetings, a time delay of around 50-75 ms may be introduced to avoid inadvertent operation/maloperation of the under-frequency protection. In view of the above, it is requested that the matter may kindly be pursued with the respective Lift Irrigation Schemes/Pumping Load installations to implement the under-frequency protection settings at 49.5Hz with 50-75ms and the above recommendations may be communicated to the concerned entities for implementation. The compliance status of the implemented settings may thereafter be obtained from the respective entities and furnished to SRLDC/SRPC at the earliest.

धन्यवाद, Thanking you,

भवदीय / Yours faithfully,

वी गोविन्दराज 23/09/2026

V. Govindaraj/ वी. गोविंदराज,

Chief General Manager (System Operation)/ मुख्य महाप्रबंधक (सिस्टम ऑपरेशन)

को कॉपी / Copy To:

1. **सदस्य सचिव एसआरपीसी, बेंगलुरु / Member Secretary SRPC, Bengaluru**
2. **कार्यकारी निदेशक एसआरएलडीसी बेंगलुरु/ Executive Director, SRLDC Bengaluru**