



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

कार्यालय : 29, रेस कोर्स क्रॉस रोड, बेंगलुरु-560009

Office : 29, Race Course Cross Road, Bengaluru - 560009

CIN : U40105DL2009GOI188682, Website : www.srlc.in, E-mail : srlc@grid-india.in, Tel.: 080-22250047/4525, Fax: 080 22268725

सन्दर्भ/Ref: एसआरएलडीसी SRLDC/SO/2026/

28-07-2026

सेवा मेरे/To

The Chief Engineer (HPC & HP)

**TGGENCO, A-Block, 3rd floor, Room No 326,
Vidyut Soudha, HYDERABAD - 500082**

Sub: Review and Compliance of Under-Frequency and Over-Frequency Protection Settings of Pumped Storage Plants in line with IEGC, CEA Connectivity Standards and AUFLS Scheme – Clarification regarding proposed time grading of protection settings.

Ref: TGGENCO Lr No. CE (HPC&HP) /121/F.PCSC/D.No.69/26, dt. 16.07.2026

Sir/Madam,

Reference is invited to the letter cited above regarding the protection settings proposed for the pumped storage generating stations of TGGENCO. In this regard, attention is invited to the deliberations held during the 143rd Protection Coordination Sub-Committee (PCSC) Meeting of SRPC held on 08.06.2026. The Sub-Committee deliberated on the requirements of Regulation 29(12) of the CERC (Indian Electricity Grid Code) Regulations, 2023, the CEA (Technical Standards for Connectivity to the Grid) Regulations, and the recommendations of the Task Force on Implementation of AUFLS and df/dt Scheme. The discussions primarily emphasized compliance with the prescribed under-frequency and over-frequency protection settings, including automatic disconnection of pumped storage units operating in pumping mode at 49.5 Hz prior to the first stage of UFR operation.

Proposals regarding adoption of split time grading for over-frequency protection in generation mode and under-frequency protection in pumping mode, along with the under-frequency settings for condenser mode of operation, shall be taken up in the appropriate forum for deliberation.

In the meantime, the protection settings may be maintained in accordance with the applicable provisions of the IEGC, CEA Connectivity Standards, and the recommendations of the Task Force on Implementation of AUFLS and df/dt Scheme, as deliberated in the 143rd PCSC Meeting.

धन्यवाद, Thanking you,

भवदीय / Yours faithfully,

E. श्रीनिवास
28/7/26

टि श्रीनिवास / T Srinivas

कार्यपालक निदेशक / Executive Director

एसआरएलडीसी / SRLDC

को कॉपी / Copy To:

1. सदस्य सचिव एसआरपीसी, बेंगलुरु / Member Secretary SRPC, Bengaluru