

Grid Controller of India Limited

National Load Despatch Centre

Ref: NLDC/FRP/2025/June/03(ER)

Date: 17-June-2025 (Tuesday)

Sub: Reportable Event for Computation of Frequency Response Characteristic and Performance in compliance with Reg. 30 (10) of CERC (IEGC) Regulations, 2023 and NLDC Operating Procedure

1. Date and Time of the Reportable Event: 11:51 hrs of 16th June 2025 (Monday)
2. Name of the Control area/Substation/Generating Station Affected: 400 kV Alipurduar Substation, ER & Bhutan
3. Brief Details of the Grid Event:
 - Net generation loss: 1322 MW
 - SPS|df/dt|UFR Operation details, if any: No
 - Solar/ Non-solar hours: Solar hours
 {Solar Hours: 06:00 to 18:00 hrs / Non-Solar Hours: 00:00 to 06:00 hrs & 18:00 to 24:00 hrs}

4. PMU plot of frequency:

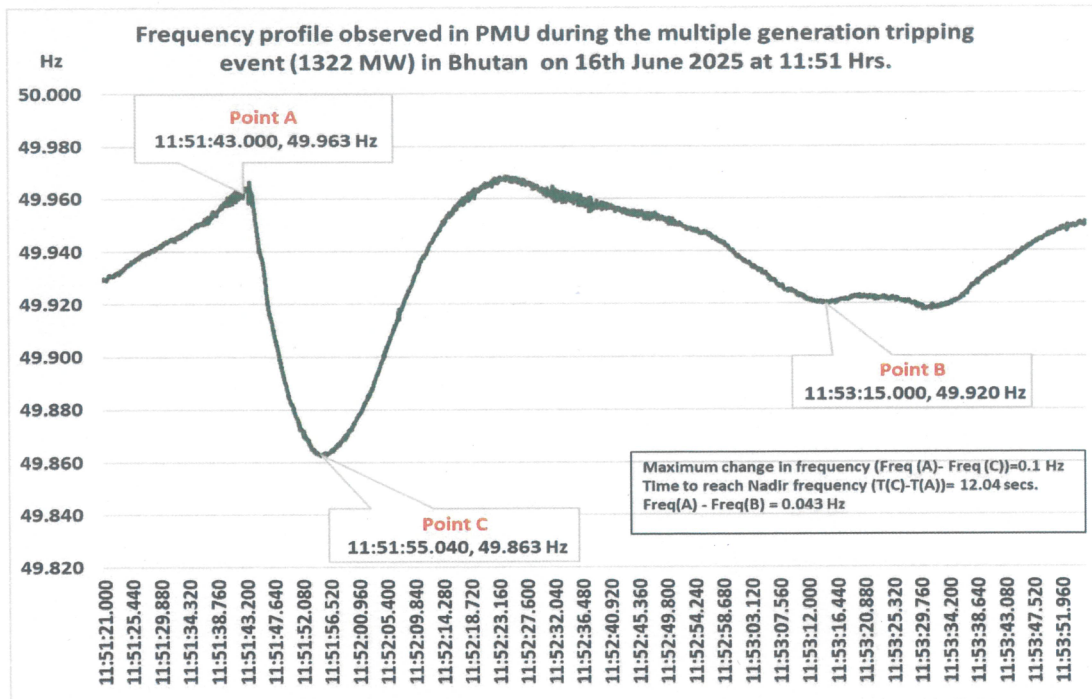
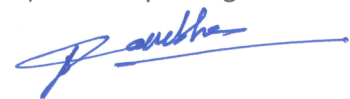


Figure 1: Multiple generation tripping event in Bhutan at 11:51 Hrs of 16th June 2025

RLDCs are requested to calculate FRC and FRP for control areas under their jurisdiction as per methodology prepared by NLDC in compliance with Reg. 30(10) of CERC (IEGC) Regulations, 2023, and advise regional entity generating stations to share high resolution data (1 second or better resolution) of active power generation within two working days of this notification of reportable event by NLDC.



Chief General Manager (SO), NLDC

Copy to (through email):

1. Head, NLDC/NRLDC/WRLDC/SRLDC/ERLDC/NERLDC
2. Director (System Operation), GRID-INDIA