

पावर सिस्टम ऑपरेशन कॉरपोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)



पंजीकृत एवं केन्द्रीय कार्यालय: बी-9, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110 016
Registered & Corporate Office : B - 9, 1st Floor, Qutub Institutional Area, Katwaria Sarai, New Delhi - 110 016
Website : www.posoco.in, www.nldc.in, Tel: 011-26536832, 26524522, Fax: 011-26524525, 26536901

Ref No: NLDC/ Operational Feedback/

Date: October 25, 2013

To,

The Member (Power System),
Central Electricity Authority,
Sewa Bhawan, R. K. Puram,
New Delhi

The Chief Operating Officer (CTU)
Power Grid Corporation of India Ltd.
Gurgaon

Sub: Addendum to Operational Feedback for Quarter-II (Jul-Sep 2013)

Sir,

National Load Despatch Centre (NLDC) has been assigned with the responsibility to provide operational feedback for planning of the National Grid to the Central Electricity Authority and Central Transmission Utility as per clause 4(j) of NLDC Rules, 2005. Accordingly, quarterly feedbacks have been submitted by NLDC to the central planning agencies since April 2010.

In addition to our Operational Feedback for the second quarter (July-September 2013) sent vide letter ref no: NLDC/Operational Feedback/642 dated 21st October 2103, some points relating to Transmission Line and ICT constraints for North Eastern Region got missed out inadvertently. The addendum to the above Operational Feedback is enclosed (Annex-I) and may be considered as a part of the same.

Thanking You.

Yours Faithfully,

(A. Mani)

General Manager, NLDC

Copy to: Secretary, CERC

A. Transmission Line Constraints in North-Eastern Region:

1. In case of tripping of 400 kV Silchar – Byrnihat S/C, there may be possibility of grid event in Southern Part of NER Grid, during the period of high demand and low availability.
2. N-1 criterion not satisfied in case of 132 kV Dimapur – Imphal S/C, 132 kV Loktak – Imphal S/C, 132 kV Badarpur – Khliehriat S/C, 132 kV Khandong – Haflong S/C & 132 kV Haflong – Jiribam S/C, as these lines are flow-gates for Southern Part of NER Grid.
3. 132 kV Dimapur(PG), 132 kV Imphal (PG) ,132 kV Aizawl (PG) and 132 kV Silchar (PG) substations are important nodes which cater major loads to Nagaland, Manipur, Mizoram and Southern part of NER respectively , and Bus Schemes at these substations need to be upgraded to Double Main Bus Scheme, in order to improve reliability of the NER Power System.
4. At present NER Grid is connected to rest of NEW Grid through only one in-feed point i.e. Bongaigaon-Salakati substation. More in-feed points need to be planned and implemented for improving reliability and security of NER Grid.

For this purpose, 400 kV Balipara – Bongaigaon D/C line (existing) may be LILLOed at Alipurduar substation in Eastern Region.

B. ICT constraints in North-Eastern Region:

1. Capacity of 220/132 kV, 60 MVA ICT at Kopili to be augmented to 160 MVA as capacity of other ICT at Kopili is 160 MVA.