



उत्तरी क्षेत्रीय भार प्रेषण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE

कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016

OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016

CIN : U40105DL2009GOI188682, Website : www.nrldc.org, www.nrldc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

Ref: NRLDC\SO-1\151\

Date: 23th March 2020

To

As per Distribution list

Subject: - Power Supply and Grid security in wake of COVID-19 pandemic outbreak

Sir/Madam,

Amid outbreak of COVID-19 pandemic uninterrupted power supply and grid security is of utmost important. Therefore, following measures may kindly be ensured on priority basis in addition to strict adherence to general sanitization and social distancing advisories being issued by Government of India (available at <https://mohfw.gov.in/>)

- Alertness across all control centres/substations/generating stations to be maintained.
- All control centres/substations/generating stations shall be equipped with adequate manpower. List of employees to act as reserve for real time grid operation & other essential services may please be prepared to tackle any contingency.
- The possibility of establishing another temporary control room in separate part of same building may please be explored wherever possible for SLDCs.
- Nodal persons to deal during critical situations may please be identified by all the stakeholders and their contact details may be shared with NRLDC through mail at nrldcso@pososco.in and nrldc scheduling@gmail.com .
- All control centres shall remain vigilant to ongoing real time situations in their respective control areas so that effect of lockdown measures/restriction initiated by Union/state government may be factored in demand forecasting and maintaining load generation balance.
- Adequate reserve generation may be kept on bar to take care of any contingency in respective systems. However, during less demand period sufficient backing down/reserve shutdown may be resorted to.
- N-1 contingency may please be ensured by respective control centres, while allowing planned shutdowns of transmission elements in their control areas to secure sufficient Margins in the network for safe operation.
- There is likelihood of high voltages in the system in case of lockdown measures/restriction initiated by Union/state government therefore generating units shall absorb reactive power to control high voltages as per their capability curves. All reactive compensating power devices like reactors/SVC/STATCOM etc shall be ensured in service as and when required. The capacitor bank switching off in State control area may please also be taken care.
- All the defence mechanism like RGMO/FGMO, AUFR, df/dt, SPS shall be ensured to be in service and in healthy condition.
- Generating stations are advised to closely monitor the available fuel stocks and continuity of fuel supply and same may please be reported to NRLDC directly or through concerned SLDCs (in case of intra-state generating stations) on daily basis.

- Transmission licenses are advised to execute switching instructions of transmission elements (transmission lines opening and closing, Bus reactors switching and converting line reactor to bus reactors etc.) by RLDCs/SLDCs promptly.
- Transmission licenses shall endeavor to defer planned shutdown of transmission elements, however if necessary, such shutdown shall be returned within time.
- Hydro stations are advised to execute NRLDC/SLDCs instructions swiftly so that sudden ramp requirement during exigencies may be fulfilled.
- Hydro stations and gas stations having black start capabilities are advised to ensure healthiness of their systems and deficiency if any must be rectified on priority basis.
- All stake holders of Northern Region may please keep regular interaction with their contractual service providers to ensure seamless functionality of respective systems.
- Any contingency or generation loss/load loss or transmission line outage in respective control areas may please be intimated to NRLDC on priority basis.
- All stake holders of Northern Region may please report on daily basis, the details of workforce affected from COVID-19 and effects of pandemic on their operations.

Cooperation from all stakeholders is solicited to keep grid parameters within IEGC limit for safe and reliable grid operation.

धन्यवाद,

भवदीय,

(एस एस बड़पंडा)
23/01/2020

(एस एस बड़पंडा)

कार्यपालक निदेशक

उत्क्षेत्राधिकार, नई दिल्ली

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