



पावर सिस्टम ऑपरेशन कॉर्पोरेशन लिमिटेड  
(भारत सरकार का उद्यम)  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(A Govt. of India Enterprise)  
CIN : U40105DL2009GOI188682



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Ref. No: ERLDC/SO/4582

Date: 05.02.19

To,  
As per distribution list

**Sub:** Operation of Eastern region grid from ERLDC backup Control centre at NLDC, New Delhi.

Sir,

As a part of emergency preparedness, the operation of Eastern Regional grid from the ER back up Control centre at NLDC, New Delhi is planned on **08<sup>th</sup> February, 2019 (Friday) from 11:00 hrs to 14:00 hrs**. The same has been also discussed during 153<sup>rd</sup> OCC at Kolkata. During this period the following activities shall be performed from the operator desk located at the ERLDC back up control centre at NLDC, New Delhi:

- Real time supervision and monitoring to ensure integrated operation of ER grid
- Switching coordination of ER intra-regional and inter-regional Grid Elements.
- Processing of emergency outage requisitions.
- Scheduling of ER-ISGS, LTA/MTOA transactions, URS, including RRAS & FRAS, Power Exchanges, Short Term Open Access.
- Processing of Intra-day/contingency Short Term Open Access applications.
- Transmission and generation outage report.
- Preparation of shift report, any other report which may be required during operation.

The contact no's for real time operation /coordination i.e. on 08<sup>th</sup> February, 2019 (Friday) from 11:00 hrs to 14:00 hrs, shall be as under

- ER Back up Control Room Email id : erldccr@posoco.in
- ER Back up Control room landline (P&T) : 011-26524521
- ER Back up Control room (orange phone) : 20110056/20110162
- ER Back up Control Room Mobile : 7596084290

During the backup operation, the user interface related to Web based scheduling application and STOA application would be operating from the following address.

- WBES Backup Application : <https://dr.wbes.erldc.in> (IP: 103.7.128.141)
- STOA Backup Application : <https://dr.stoa.erldc.in> (IP: 103.7.128.142)


Users can submit their requisitions using same user credentials.

Necessary interface provided to Real-time grid operator at RLDC for switching coordination and processing emergency outage requisition also shall be provided at Backup control centre.

The brief operating procedure is enclosed.

Thanking you,

Yours sincerely,

  
(G. Mitra) 5/2/19  
Sr GM (MO)

## Operation of Eastern region grid from ERLDC backup Control centre at NLDC, New Delhi as a part of disaster management.

Following sequence of activities is planned on the day of operation:

- ✓ At backup CC, the designated team from ERLDC will be available on the day of operation.
- ✓ Main CC also to be remaining live for any eventuality and to take over if required.
- ✓ In consultation with NLDC, commencement of operation from Back up CC will start after receipt of code from NLDC (Probable time envisaged is 11:00Hrs).
- ✓ 30 minutes prior to the commencement of backup operation (i.e. probably from 10:30Hrs) data entry in WBES application and STOA application shall be interrupted for necessary preparation for switching over to Disaster Recovery mechanism. Same shall be intimated to all stake holders well in advance through mail.
- ✓ Commencement of operation takeover from Main CC (Main Data Centre) to back up CC (Disaster Recovery Centre) would be intimated to all SLDCs/ISGS/IPP and other stake holders through mail.
- ✓ At back up CC of ERLDC, VPS will be displaying grid display, ABT display, and generation- demand details. The operator of BACK-UP CC may project any other display as per requirement.
- ✓ On commencement of backup Control Centre Operation (proposed from 11:00Hrs) the scheduling and STOA interface to the interested parties shall be available from DR sites as per site address and IP given below:
  - WBES Backup Application : <https://dr.wbes.erldc.in> (IP: 103.7.128.141)
  - STOA Backup Application : <https://dr.stoa.erldc.in> (IP: 103.7.128.142)
- ✓ Necessary interface for E-Logbook (for Shutdown & switching coordination activity) shall also be made available at Backup CC.
- ✓ No change in control room email id or any other software credentials including (scheduling, open access, outage reports).
- ✓ All the communication from stake holders to ERLDC back up CC for switching code, Outage request, scheduling related communications, important communications related system operation etc. to be communicated in the mail id [erldccr@posoco.in](mailto:erldccr@posoco.in) and also to contact back up CC at these no's:
  - P&T : 011-26524521
  - Orange : 20110056/20110162
  - Mobile : 7596084290
- ✓ Switching code for transmission elements to be taken from back up CC.
- ✓ Routine report will be prepared from back up CC.
- ✓ Shift summary will be sent from back up CC, using all resources from back up CC.
- ✓ In case any unwarranted situation due to any contingency or communication failure/untoward incident, entire operation may be shifted to Main CC with an intimation to all stake holders.
- ✓ Once back up operation is over, completion of the same will be declared in consultation with NLDC and all stake holders shall be informed accordingly.
- ✓ Further after completion of backup mock drill (proposed at 14:00Hrs) the WBES and STOA system will remain inaccessible for 30 minutes (i.e. till 14:30Hrs proposed) for switching from Backup CC (DR) to Main CC (DC). On successful switching from Backup to Main constituents shall be intimated for commencement of Operation from Main CC (proposed from 14:30Hrs). Scheduling and STOA transactions shall commence from Main CC with the existing site addresses / IPs.
- ✓ For smooth switching from DC-DR and restoration thereof necessary IP mapping at both end shall be established.

**Mailing List:**

- 1) CHIEF ENGINEER (System Operation), BSPTCL, 4th Floor, Vidyut Bhawan, Bailey Road, Patna-1
- 2) CHIEF ENGINEER, TRANSMISSION (O&M), JUSNL Building, Kusai Colony, Doranda, Ranchi - 834002
- 3) CHIEF LOAD DISPATCHER, SLDC, SLDC Building, GRIDCO Colony, P.O. Mancheswar Rly. Colony, BHUBANESWAR - 751 017
- 4) CHIEF ENGINEER, CLD, Padmapukur, Danesh Sheikh Lane, Howrah, West Bengal 711104
- 5) CHIEF ENGINEER, SLDC, DVC, ANDULR ROAD ,D. SK. LANE, Shibpur, Howrah, West Bengal 711104
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- 13) GENERAL MANAGER, TEESTA –V POWER STATION, NHPC, SINGTAM, EAST SIKKIM-737134
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- 23) GENERAL MANAGER, **ADHUNIK GROUP**, 14, N. S. ROAD, 2ND FLOOR, KOLKATA 700001, WEST BENGAL, INDIA
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**Copy to:**

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