

STATE LOAD DESPATCH CENTER

AGENDA FOR 55th MEETING Of State Level Co-ordination Forum

Date: 06/09/2018

Venue:SLDC

ITEM No:1. CONFIRMATION OF THE MINUTES OF 54th SLCF MEETING HELD ON 18.04.2018.

The minutes was circulated vide memo no: **SLDC/How/109/2018-19/173** dated 10/05/2018 and the same was also published in the website(www.wbslde.in).

---- Members may please discuss.

ITEM No: 2. REVIEW OF STATE GRID PERFORMANCE:

Power point presentation on grid performance for the month of April-18, May-18, June-18 and July-18.

---- Members may please note.

ITEM No. 3. IMPORTANT GRID INCIDENTS:

1. On 17.04.2018 at 10:37 hrs, 220 KV Subhasgram(PG)-EMSS(CESC) Ckt #1 and #2 tripped from Subhasgram(PG) sub-stn causing interruption of Subhasgram import at EMSS. Total Load shed around 450 MW.

--- CESC representative may please deliberate.

2. On 17/04/2018 at 19:43 hrs, 132 KV Bus fault occurred at 132 KV Liluah Sub-stn. during heavy storm.

--- WBSETCL representative may please deliberate.

3. On 08/05/2018 at 03:05 hrs at 132 KV Liluah Sub-stn., 33 KV total power failure occurred due to bursting out CB i.r.o 33 KV Makardah feeder.

--- WBSETCL representative may please deliberate.

4. On 30/06/2018 at 19:55 hrs, huge flashing with sound observed in the 400 KV switchyard at 400 KV New Chanditala Sub-stn causing system hazard.

--- WBSETCL representative may please deliberate.

5. On 19/07/2018 at 19:42 hrs, 220/132 KV 160 MVA Transformer #1 and 2 at Alipurduar 220 KV Sub-stn tripped, causing total power failure at Alipurduar, Coochbehar and Birpara Sub-stn.

--- WBSETCL representative may please deliberate.

ITEM No: 4. OPERATIONAL PLANNING.

(a) ANTICIPATED POWER SUPPLY POSITION FOR THE MONTH OF OCTOBER, NOVEMBER & DECEMBER 2018.

[All concerned are requested to furnish anticipated demand and generation forecast for these months to SLDC]

(b) SETTLEMENT OF SHUT DOWN PROPOSALS FOR THE MONTH OF OCTOBER, NOVEMBER & DECEMBER 2018 i.r.o GENERATING UNITS, TRANSMISSION LINES AND OTHER EQUIPMENTS.

[All concerned are requested to furnish their shut down proposals for these months to SLDC]

ITEM No: 5. ISSUES RAISED BY SLDC:

- A. 24 hours generated energy by each power plant has to be submitted to SLDC control room within 01.00 hrs. of next day for uploading in ERLDC web portal by SLDC. ALDC, WBSLDC has to arrange availability of this data i.r.o JHP, TCF, Rammam and PPSP (both gen mode & pump mode separately)
- B. Updated status of Declared Availability and schedule of unit#1 of BkTPP.
- C. Absorption of MVAR by DPL during off peak period.
- D. At SgTPP, meter installed against 400 KV SgTPP-Farakka Ckt#2 and 400 KV SgTPP-Jeerat Ckt are Genus make. Those meters have been declared by SgTPP as main meters for Intra-state Energy Accounting Process. However, corresponding meter data conversion software has not been installed at WBSLDC. Energy accounting in respect of SgTPP cannot be done
- E. Meter data for the meters installed against 220 KV SgTPP-Gokarna Ckt #1 and 2 are showing '(-)ve' sign for injection of power from SgTPP Bus to Grid which is opposite to the present convention.
- F. CMS meter data conversion software installed at WBSLDC is not running smoothly in several occasions. WBSLDC may look into the matter for proper solution.
- G. Mismatch is being observed between main and check meters installed at STPS against 220 KV STPS-J.K.Nagar ckt for considerable period of time.
- H. WBSLDC is not receiving check meter (LT-0194-A) data of the meter installed at SgTPP against 400 KV SgTPP-Subhasgram(PG) ckt.

ITEM No: 6. AGENDA NOTE PUT UP BY SLCF MEMBERS FOR DISCUSSION:

6.1. Agenda note put up by BkTPP

A. Confirmation from WBSETCL Communication team on new database /display creation at SLDC Howrah (ii) Confirmation from SLDC regarding outage of RTU data during upgradation of New RTU.

Testing department has got approval for up gradation of existing RTU by OEM, M/S GE T&D India Ltd and the procurement is under process. Presently the Old S900 RTU is reporting to control centre at IEC 101 protocol. New RTU will also report on IEC 101 protocol automatically i.e. without making any changes in the communication system. New RTU C264 will come pre-configured with IEC 104 protocol for plug and play communication over IEC 104 protocol whenever fibre communication link becomes ready. If it is necessary to report to the control centre at IEC 104 protocol, then the support from WBSETCL end is essential for new database/display creation at their control centre since that database/display system is not under the scope of M/S GE T&D India Ltd. WBSETCL, Howrah Communication was requested (by mail dtd 05.06.2018) to confirm their support regarding new database /display creation at their control centre due to change from IEC 101 to IEC 104 protocol, but they have requested us to contact directly with M/S Chemtrol Industries Pvt Ltd. But the direct communication between WBPDCCL and M/S Chemtrol will incur technical and contractual complicacy and should be avoided. Instead, WBSETCL, Howrah Communication should take up the issue with their vendor.

B. Digital Current Display meter of 220KV/33 KV PASS BAY inside BkTPP Sw. Yard showing erroneous value

Digital Current Display meter (Y PHASE) of 220 KV/33 KV PASS BAY (HV SIDE, LV SIDE) showing erratic value since MAY 2018. Matter was informed to Mr. Sukanta Dey Sadaipur sub station and also SLDC control room. But still the problem is persisting.

C. Decommissioning of WBSETCL's 220KV/33 KV Pass bay inside BkTPP Sw. Yard

A letter to Chief Engineer Transmission (O&M-II) was sent from BkTPP as per decision taken at 54TH SLCF meeting regarding decommissioning of Pass bay from BkTPP site. But still no information is received from WBSETCL end regarding this.

D. Rectification of Stage-2 Block-1 Final DC on 05.08.18

We had sent revision 01 for the date 05.08.18 at 22:29 hrs dated 04.08.18 showing DC for stage 2 from block 1 to block 96 at 390 MW. But in the SLDC revision –initial the DC for block 1 dated 05.08.18 was 360 MW instead of 390 MW for stage-2 though DC was 300 MW at block 95 dated 04.08.18 and 330 MW at block -96. So as per our knowledge we should get DC 390 MW for block -01 on 05.08.18. Regarding this we had sent an email on 05.08.18 at 00:20 hrs but no change was observed at final schedule from SLDC dated 05.08.18.

6.2. Agenda note put up by WBPDCCL

- A. Imposing single block back down many times in a day for STPS. Frequent ramp up and ramp down for all power stations of WBPDCCL which leads to unstable boiler.

6.3. Agenda note put up by DPL

- A. Implementation as well as clarification of new DSM as per 4th amendment and role of state entity to comply with the scheduling and settlement part.
- B. Frequent outage of SLDC website causing problem in scheduling as well as downloading final schedule. It is requested to e mail the final schedule till normalization of the problem.
- C. Workshop may be organized by WBSLDC regarding compliance of 5 min Scheduling/Settlement issues by the intra state entities as per IEGC.

6.4. Agenda note put up by WBSEDCL

- A. In couple of events during real time operation it has been noticed that despite WBSEDCL over drawl well below the stipulated limit as per prevailing DSM Regulation (generally 150MW for WBSEDCL) corresponding to WBSEDCL schedule, the State over drawl from the central sector exceeds the stipulated limit corresponding to state schedule. The reason behind the said is obviously due to over drawl/under injection of other state utilities. As a corollary of such events ERLDC usually takes the following actions :

- **Suo moto allocation of URS Power**

In the event of sufficient availability of ISGS URS power in the Regional stack , ERLDC allots suo moto the same to WBSEDCL, as a corrective measure to befit the state drawl with state schedule. For such suo moto action from ERLDC, WBSEDCL immediately turns to an injecting state utility to compensate the sustained over drawl of other state utilities & hence facing commercial loss due to DSM . Though such event is very usual in intrastate ABT operation yet from rational point of view a suitable accommodation mechanism should be explored immediately by SLDC like ERLDC, such as suo-moto scheduling of over drawl quantum of over drawee state utilities from WBSEDCL with prior consent from the same, following the spirit of the WBERC order vide reference no WBERC/SM-12/15-16/0163 - 0167 dt 29.04.2016.

For the above said reason, it has been observed that only WBSEDCL is incurring commercial loss through DSM for which WBSEDCL is not at all responsible in several times .

Example of the events :

(i) On 07.06.18 from block number 81 to 90

(ii) On 08.08.18 from block number 37 to 40 (WBSEDCL was compelled to synchronise one PPSP pump to arrest injection by deviating the scheduled pumping plan)

(iii) On 19.08.18 from block no 37 to 40 & 44 to 50

- **Physical Regulatory measure**

In the event of unavailability of ISGS URS power in Regional stack, ERLDC takes physical regulatory measure by disconnecting the radial interstate Tie-lines by which only WBSEDCL consumer supply is supported. Moreover under the sustained over

drawl condition of the state, ERLDC in some events disconnected multiple radial tie lines for which only the WBSEDCL consumers had to face interruption.

Example of the events :

(i) On 18th August 2018 from 19.28Hrs to 24.00Hrs & on 19th August 2018 from 00.00Hrs to 01.30Hrs the consumers of North Bengal had to face restriction to the tune of 70MW (maximum) for which WBSEDCL is not at all responsible.

Hence, frequent violation of state DSM volume limit due to collective over drawl/Under injection of state utilities has become matter of great concern of WBSEDCL for the commercial & as well as operational interest of its own consumers.

In light of the above fact CE/PTP, WBSEDCL also requested to CE/SLDC through letter vide memo number PTP/SLDC/WBSETCL/108 Dt: 31.05.18 for earliest necessary solution.

The above matters were also discussed earlier in 51st & 52nd SLCF meeting & WBSEDCL expressed its concern with a request for exploring suitable solution.

- B. As per request of WBPDC, Unit-1 of BKTP has been exempted by SLDC from the purview of back down since 16.03.18 (from 10.45Hrs) due to technical problem. As a consequence of such measure, WBSEDCL has been compelling to impose back down on cheaper power during low system demand condition to the tune of 51MW skipping the merit order.

WBPDC is requested to update the status.

ITEM No: 7. Date and venue of next SLCF (i.e. 56th) Meeting.

ITEM No: 8. MISCELLANEOUS:

Copy for kind information please:-

1. PS to Managing Director, WBSETCL, VidyutBhavan, Kolkata-91.
2. PS to Managing Director, DPL, Kolkata -107.
3. PS to Director (Operations), WBSETCL, Vidyut Bhavan, Kolkata-91.
4. PS to Director (RT), WBSEDCL, VidyutBhavan, Kolkata-91.
5. PS to Executive Director (OS), WBPDC, Salt Lake City, Kolkata-700 098.
6. C.E, SLDC, WBSETCL, Howrah-09.
7. C.E, Transmission-I, WBSETCL, VidyutBhavan, Kol-91.
8. C.E, Transmission-II, WBSETCL, VidyutBhavan, Kol-91.
9. C.E, CTD, WBSETCL, AbhiksanBhavan, Kol-91.
10. C.E, Communication, WBSETCL, AbhiksanBhavan, Kol-91.
11. Chief Engineer, CLD, DVC, Howrah.
12. C.E.(PTP) WBSEDCL, Vidyut Bhavan, Kolkata-91.
13. G.M, (SO) CESC Ltd., Statesman House, Kol- 01.
14. G.M. BTPS, WBPDC.
15. G.M. STPS, WBPDC.
16. G.M. KTPP, WBPDC.
17. G.M. BKTPP, WBPDC.
18. G.M. SGTPP, WBPDC.
19. Sri I. B. Chakraborty, Vice-President, Engineering & Projects, IPCL
20. Addl. Chief Engineer, SLDC, WBSETCL, Howrah-09.
21. Addl. Chief Engineer, ALDC, WBSEDCL.
22. Sri N.G.Saha, DGM, WBPDC.
23. Sri A. Sen Gupta, DGM, System Control Department, CESC Ltd, CESC House, Kol- 01.
24. Sri S. K. Sarkar, G.S.(T&D, Load Management), DPSC Ltd.
25. Sri R. Biswas, Sr. Manager, ALDC, DPL.
26. Sri Suhas Ch. Ray Sr.Manager(Operation), KTPP WBPDC,
27. Sri Indrajit Banerjee Manager (Operation), KTPP WBPDC.
28. Sri D. Chanda,Sr.Manager(PS), BKTPP, WBPDC.
29. Mr. Joynal Abedin, Sr.Manager(E.O.), BKTPP, WBPDC.
30. Sri K. Banerjee, Manager, System Control Department, CESC Ltd, CESC House, Kol- 01.
31. Sri A.Biswas, Manager (PS),BKTPP,WBPDC.
32. Sri F.Hossain, Manager (PS), SGTPP, WBPDC.
33. Sri M.S.Bapari,Manager (PS), SGTPP, WBPDC.
34. Sri M. Mallik, Sr. Manager, (System Operation – Electrical), BTPS, WBPDC.
35. Sri S. Maiti, Sr. Manager (O), STPS, WBPDC.