

MINUTES OF THE 50th SLCF MEETING HELD ON 27.07.2017

Shri. P. K. Kundu, Chief Engineer (SLDC), WBSETCL & Chairperson, SLCF welcomed all the participant members to the 50th SLCF meeting.

ITEM-1: CONFIRMATION OF THE MINUTES OF THE 49th SLCF MEETING HELD ON 19/05/2017.

The minutes was circulated vide memo no: **SLDC/How/109/417** dated 06/06/2017 and the same was also published in the website (www.wbslde.in).

The minutes of the 49th SLCF meeting was taken as accepted.

ITEM-2: REVIEW OF THE STATE GRID PERFORMANCE:

Power point presentation on Grid Performance for the month of May 2017 & June 2017.

Superintending Engineer, SLDC made a Power point presentation on the grid performance based on operational statistics for the period May 2017 & June 2017. A critical analysis on the grid performance reveals the following:

2.1 Availability of WBPDC power plants in terms of *NAPAF & *PAFM for the month of May 2017 & June 2017 are as follows:

Generating Station.	May 2017		June 2017	
	NAPAF (%)	PAFM (%)	NAPAF (%)	PAFM (%)
<i>BTPS</i>	74	71.83	74	57.60
<i>STPS</i>	85	90.62	85	44.44
<i>KTPS</i>	75	47.64	75	45.43
<i>BkTPP-I</i>	85	94.07	85	94.13
<i>BkTPP-II</i>	85	91.07	85	94.31
<i>SgTPP</i>	85	61.07	85	76.42

* **NAPAF**: Normative Annual Plant Availability Factor (in %).

***PAFM** : Plant Availability Factor achieved during the Month (in %).

2.2 Potential Demand of WBSEDCL in MU.

Month	Potential Demand	Remarks
May 2016	3047.04	6.88% Rise
May 2017	3256.65	
June 2016	3178.09	4.33% Rise
June 2017	3315.60	

2.3 Gross Generation of WBPDC (in MU) during May 2017 & June 2017

May 2017	June 2017
2091.09	1947.77

2.4 System met and system Potential of distribution licensees during May 2017 & June 2017 were as follows:

CONSTITUENT	May 2017		June 2017	
	System Met (MU)	System Potential (MU)	System Met (MU)	System Potential (MU)
WBSEDCL (OWN)	3229.79	3256.65	3300.97	3315.60
CESC	1168.20	1168.20	1122.87	1122.87
DPL	171.32	172.04	168.20	170.44

2.5 The Maximum demand (potential) and their time of occurrence during May 2017 & June 2017 were as follows:

CONSTITUENT	MAXIMUM DEMAND (MW)	
	May 2017	June 2017
WBSEDCL (OWN)	5863 MW on 03.05.17 at 20.00 hrs.	6038 MW on 07.06.17 at 21.00 hrs
CESC	2110 MW on 23.05.17 at 16.00 hrs.	2131 MW on 19.06.17 at 15.00 hrs.
DPL	263 MW on 05.05.17 at 24.00 hrs.	280 MW on 25.06.17 at 17.00 hrs.

The new Transformers, EHT lines and equipments commissioned during this period were also deliberated by S.E, SLDC. (**List of new Transformers, EHT lines & equipments are shown in Annexure-1).**

ITEM No. 3. IMPORTANT GRID INCIDENTS:

1. On 17.05.17 at 06:35 hrs, total power failure at 220 KV Subhasgram S/S due to sequential tripping of 220 KV Subhasgram-PGCIL Ckt 1 & 2 at 06:30 hrs and 220 KV Subhasgram-Kasba Ckt 1 & 2 at 06:35 hrs from far end.

--- WBSETCL representative may please deliberate.

Deliberation in the meeting.

Representative of WBSETCL informed that on 17.05.17 at 06:30 hrs, Y-phase LA i.r.o 220 KV Subhasgram-Subhasgram(PGCIL) Ckt #2 burst out at PGCIL end resulting tripping of 220 KV Subhasgram-PGCIL Ckt 1 & 2 from PGCIL end. 220 KV Subhasgram-Kasba Ckt 1& 2 tripped operating Distance Protection relay showing Zone-II from Kasba end which resulted power failure at 220 KV Subhasgram S/S. Subhasgram S/S got power at 6.45 hrs after normalization of 220 KV Subhasgram-Kasba Ckt #2. Lakshmikantapur S/S got power at 6.48 hrs.

ITEM No. : 4. OPERATIONAL PLANNING:-

- (a) Anticipated power supply position for the month of **AUGUST -2017, SEPTEMBER-2017 & OCTOBER-2017** (All figures are in MW) :-

Description	AUGUST-2017	SEPTEMBER -2017	OCTOBER -2017
WBPDC Generation	2920 (70 MU)	3000 (72 MU)	3000 (72 MU)
WBSEDCL Own Maximum Demand	5950	5940	5915
CESC Maximum Demand	1890	1980	1900
CESC Own gen. + HEL + IPP/CPP	750+540+40	800+540+40	750+540+40
DPL Generation Availability	445	445	230
DPL Maximum Demand	250	250	250
IPCL demand connected to J.K.Nagar system	70	70	70

(b) Finalization of Shut Down proposal for the month AUGUST -2017, SEPTEMBER-2017 & OCTOBER-2017 i.r.o. Generating Units, Transmission Lines and other equipments etc. as provided by constituents.

(i) **SHUT DOWN APPROVED FOR WBPDC, WBSEDCL, CESC and OTHER GENERATING UNITS:**

UNIT	DURATION	REMARKS
SgTPP # 1	13.08.2017 TO 02.09.2017	Boiler Overhauling
KTPS # 4	15.09.2017 TO 20.10.2017	Proposed by WBPDC. But proposal was rejected considering forthcoming Durgapuja festival
DPL #7	After Puja(from last week of October,17)	

(c) **Prolonged outage of power system elements :-**

No elements.

ITEM No: 5. ISSUES RAISED BY SLDC:

A. New Commissioning of EHT lines and S/S has to be intimated to SLDC by CESC and DPL.

Deliberation in the meeting:

Representative from CESC and DPL agreed for sending new commissioning of EHT lines and S/S to SLDC.

B. Soft copy of EHT network of CESC and DPL system has to be furnished to SLDC.

Deliberation in the meeting:

Representative from CESC and DPL agreed for the same.

- C. Improper load management by intra-state distribution licensees causing over drawal by the state of West Bengal with respect of Central Sector. Intra-state agencies are required to manage their load more precisely.

Deliberation in the meeting:

On this issue, a detailed discussion was held citing commercial impact, as well as the case of switching off the CTU-STU tie line by ERLDC due to the over drawal by State which was due to the negative deviation from the schedule by several entities. All entities were requested to maintain their schedule.

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

6.1. Agenda note put up by SgTPP

Effect of SgTPP Rev.06 dated 20/06/2017 was given from your side at 89th block of on date, but corresponding Rev.18 of WBSLDC was received at 96th block of the said date. No communication (viz. Email, fax or even telephonic call) was made from WBSLDC end. Therefore SgTPP could not meet the schedule generation for that duration of time. So for those blocks (from block No. 90 to 96 of dated 20/06/2017) AG/SG<95% is not acceptable from SgTPP end. And SgTPP demands to consider DC 450 MW instead of 530 MW for block No. 89 to 96 dated 20/06/2017.

Deliberation in the meeting:

On this issue WBSLDC representative informed that the pertinent Rev no. was uploaded in the WBSLDC website. However, SgTPP representative informed that due to the absence of communication through E-mail/ fax/phone from WBSLDC, SgTPP could not follow enforced schedule. Therefore, after discussion on this matter it seemed that there was a communication gap in-between. Constituents are requested to keep a track in WBSLDC web-site also regarding any schedule updation. Hence, further all constituent were requested to make communication with SLDC control room before starting of the pertinent block, if they feel that they have not received any communication from SLDC control room regarding any case of Schedule revision. Use of all type of communications mode may not be always possible from SLDC end.

6.2. Agenda note put up by BkTPP

In BkTPP 11 Nos of APEX 100 meters were installed during 01.08.16 to 17.08.16 against all outgoing feeders and no time synchronization has been provided. So, till then no time synchronization has been done & now drift by more than 2 mins. An email has already been sent to central testing department for the above requirement but no reply came.

Deliberation in the meeting:

The house requested Central Testing Department, WBSETCL to take up the matter.

6.2. Agenda note put up by WBSEDCL

Formulation of scheduling procedure regarding availability and schedule of DPL generation w.r.t WBSEDCL and ramping up/down rate of the same needs to be done.

Deliberation in the meeting:

After detailed discussion on this issue it was noted that the present scheduling method the schedule from DPL to WBSEDCL on long term basis follows the ramping up/ramping down rate as furnished from DPL end. The ramping up/down in respect of availability is done as per real time proposed injection from DPL. The availability should be declared by DPL considering their ramping rate. The rest procedures may continue as per present method until finalisation of agreement between the entities.

ITEM No: 7. Date and venue of next SLCF (i.e. 51st) Meeting.

It will be intimated in due course of time.

ITEM No: 8. MISCELLANEOUS

8.1. Shutdown proposal to WBSLDC

Deliberation in the meeting:

Representative from WBSLDC informed that considering the shutdown proposal from different Sub-station through-out the State of West Bengal, WBSLDC feels that shut down proposal should be planned at area office to minimize the power interruption time as well as to minimize the rejection of proposal in view of the network security.

8.2. Non co-operation by BTPS regarding zero reading checking i.r.o BTPS meter.

Deliberation in the meeting:

Representative from WBSLDC informed that for validation of meter data one of the method is '0' meter data checking and this is being done by communicating concerned entity. In this regard all constituents are showing co-operation except BTPS. In spite of several correspondences WBSLDC is not getting any co-operation regarding the matter. Therefore, BTPS representative was requested to look into the matter considering the commercial impact of the issue.

8.3. New proposed method for sending Disturbance Report to WBSLDC.

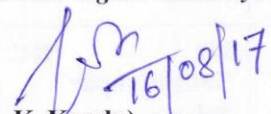
Deliberation in the meeting:

WBSLDC representative informed that as desired by the member Secretary ERPC in 57th PCC meeting that from 1st September onwards all disturbance reports need to be reported with filled prescribed format (existing one) plus Comtrade files to SLDC, which will be uploaded to PDMS (Protection data Base management System) from SLDC. So all concerned of WBSETCL (for EHT S/S) and Testing wing and of all generating stations, concerned Distribution Licensees (like CESC, DPL etc) need to send at least mandatory field /files of comtrade (disturbance recorder output)(in “.cfg” & “.dat” files) as attachment of email along with filled existing format of disturbance report (in word file) to SLDC for reporting any Grid disturbance on receipt of which SLDC will upload the same to PDMS. The present method for reporting Grid disturbance will be continued with new method till 31st August and 1st September,17 onwards only new method will be enforced. All concerned was requested to follow both the method till 31st August.

8.4. WBSEDCL Proposal for having Spinning Reserve by CESC.

Deliberation in the meeting:

Representative from WBSEDCL informed that as the maximum capacity of SgTPP unit is 500 MW, therefore due to the sudden outage of the said unit, some amount of spinning reserve will be helpful to maintain schedule. WBSEDCL representative placed the proposal for having spinning reserve of at least 50 MW generation capacity by CESC. CESC representatives inform that this proposal will be placed to their higher authority.


(P. K. Kundu)
C.E., SLDC, HOWRAH.

Annexure -1

<u>Transformers</u>			
Sl. No.	Location	Identification equipments	of Date & Time
1	220 KV Krishnanagar Sub/stn.	160 MVA 220/132 KV Tr.2	Commissioned & charged at no load at 17:25 hrs. on 15/05/17 and loaded at 16:28 hrs. on 16/05/17.
2	220 KV Subhasgram Sub/stn.	31.5 MVA 220/132 KV Tr.3	Commissioned & charged at no load at 21:23 hrs. on 22/05/17 and loaded at 21:25 hrs. on 22/05/17.
3	220 KV Midnapur Sub/stn.	50 MVA 132/33 KV Tr. # 3	Commissioned & charged at no load at 18:21 hrs. on 27/05/17 and loaded at 13:18 hrs. on 28/05/17
4	132 KV Rampurhat Sub/stn.	31.5 MVA 132/33 KV Tr. # 3	Commissioned & charged at no load at 20:50 hrs. on 29/05/17 and loaded at 17:10 hrs. on 30/05/17
5	220 KV Asansol Sub/stn.	50 MVA 132/33 KV Tr. # 4	Commissioned & charged at no load at 13:46 hrs. on 10/06/17 and loaded at 10:37 hrs. on 12/06/17
6	132 KV Gangarampur Sub/stn.	31.5 MVA 132/33 KV Tr. # 3	Commissioned & charged at no load at 21:33 hrs. on 08/06/17 and loaded at 09:05 hrs. on 09/06/17
7	132 KV Balurghat Sub/stn.	20 MVA 132/33 KV Tr. # 3	Commissioned & loaded at 14:58 hrs. on 24/06/17
8	132 KV Old.Bishnupur Sub/stn.	50 MVA 132/33 KV Tr. # 1 (Augmentation of 31.5 MVATr)	Commissioned & loaded at 11:32 hrs. on 29/06/17

Memo No. SLDC/ How/ 109/ 792(1-36)

Dated : 16 / 8 / 2017.

Copy for information please:-

1. PS to Managing Director, WBSETCL, Vidyut Bhavan, 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, Vidyut Bhavan, 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, Vidyut Bhavan, Kol-91.
8. C.E, Transmission-II, WBSETCL, Vidyut Bhavan, 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 S. Namjoshi, Vice-President, Engineering & Projects, IPCL
20. Sri I. B. Chakraborty, Vice-President, Engineering & Projects, IPCL
21. Addl. Chief Engineer, SLDC, WBSETCL, Howrah-09.
22. Addl. Chief Engineer, ALDC, WBSEDCL.
23. Sri N.G.Saha, DGM, WBPDC.
24. Sri A.Sengupta, Manager, CESC Ltd, Statesman House, Kol- 01.
25. Sri D.De,Dy. Manager, CESC Ltd, Statesman House, Kol-01.
26. Sri S. K. Sarkar, G.S.(T&D, Load Management), DPSC Ltd.
27. Sri R. Biswas, Sr. Manager, ALDC, DPL.
28. Sri P. Banerjee, Sr. Manager(RISO), KTPP, WBPDC.
29. Sri A. Guha, Sr. Manager (SO), KTPP, WBPDC.
30. Sri D. Chanda, Sr. Manager(PS), BKTPP, WBPDC.
31. Mr. Joynal Abedin, Sr. Manager(E.O.), BKTPP, WBPDC.
32. Sri A.Biswas, Manager(PS), BKTPP, WBPDC.
33. Sri F.Hossain, Manager (PS), SGTPP, WBPDC.
34. Sri M.S.Bapari, Manager (PS), SGTPP, WBPDC.
35. Sri M. Mallik, Sr. Manager, (System Operation – Electrical), BTPS, WBPDC.
36. Sri S. Maiti, Sr. Manager (O), STPS, WBPDC.

Dibyendra Bhattacharya
16.08.17.

Convenor, SLCF