

MINUTES OF THE 51st SLCF MEETING HELD ON 11.09.2017

Shri. P. K. Kundu, Chief Engineer (SLDC), WBSETCL & Chairperson, SLCF welcomed all the participant members to the 51st SLCF meeting.

ITEM-1: CONFIRMATION OF THE MINUTES OF THE 50th SLCF MEETING HELD ON 27/07/2017.

The minutes was circulated vide memo no: **SLDC/How/109/792** dated 16/08/2017 and the same was also published in the website (www.wbsldc.in).

The minutes of the 50th SLCF meeting was taken as accepted.

ITEM-2: REVIEW OF THE STATE GRID PERFORMANCE:

Power point presentation on Grid Performance for the month of July 2017.

Superintending Engineer, SLDC made a Power point presentation on the grid performance based on operational statistics for the period July 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 July 2017 is as follows:

Generating Station.	July 2017	
	NAPAF (%)	PAFM (%)
<i>BTPS</i>	74	48.72
<i>STPS</i>	85	48.81
<i>KTPS</i>	75	43.13
<i>BkTPP-I</i>	85	91.01
<i>BkTPP-II</i>	85	62.67
<i>SgTPP</i>	85	85.27

* 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
July 2016	3206.08	1.53% Rise
July 2017	3255.19	

2.3 Gross Generation of WBPDCCL (in MU) during July 2017

July 2017
1919.23

2.4 System met and system Potential of distribution licensees during July 2017 was as follows:

CONSTITUENT	July 2017	
	System Met (MU)	System Potential (MU)
WBSEDCL (OWN)	3242.05	3255.19
CESC	1038.21	1038.21
DPL	172.87	173.43

2.5 The Maximum demand (potential) and their time of occurrence during **July 2017** was as follows:

CONSTITUENT	MAXIMUM DEMAND (MW)
WBSEDCL (OWN)	6090 MW on 18.07.17 at 21.00 hrs.
CESC	1756 MW on 18.07.17 at 19.00 hrs.
DPL	265 MW on 14.07.17 at 09.00 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 16.08.17 at 23:45 hrs, bus zone differential protection operated at 220 KV NJP S/S.

--- WBSETCL representative may please deliberate.

Deliberation in the meeting.

Representative of WBSETCL informed that nothing can be highlighted on this issue as details relay indications from TLDP end could not be availed.

ITEM No. : 4. OPERATIONAL PLANNING:-

(a) ANTICIPATED POWER SUPPLY POSITION DURING DURGA PUJA FESTIVAL PERIOD i.e FROM 23.09.17 – 30.09.17 (CHATURTHI TO DASHAMI)

[All concerned are requested to furnish detailed anticipated Demand and Generation forecast for these individual dates]

Constituent	System Peak Scenario in MW							
	23-Sep-17 TRITIYA (Saturday)	24-Sep-17 CHATURTHI (Sunday)	25-Sep-17 PANCHAMI (Monday)	26-Sep-17 SASTHI (Tuesday)	27-Sep-17 SAPTAMI (Wednesday)	28-Sep-17 ASTAMI (Thursday)	29-Sep-17 NAVAMI (Friday)	30-Sep-17 DASHAMI (Saturday)
WBSEDCL total requirement	6215	5955	6055	6030	5500	5200	5050	4985
CESC	1930	1550	1980	1930	1660	1530	1490	1430
DPL	260	255	255	250	240	240	235	220
IPCL	60	55	55	55	55	55	55	55
WBPDC Generation	3400	3400	3400	3400	3000	3000	3000	3000

(b) Anticipated power supply position for the month of OCTOBER-2017 & NOVEMBER-2017 (All figures are in MW) :-

Description	OCTOBER-2017	NOVEMBER-2017
WBPDC Generation	3000	2590
WBSEDCL Own Maximum Demand	5900	4800
CESC Maximum Demand	1900	1740
CESC Own gen. + HEL + IPP/CPP	750+540+40=1330	700+540+40=1280
DPL Generation Availability	230	230
DPL Maximum Demand	255	250
IPCL demand connected to J.K.Nagar system	70	70

(c) Finalization of Shut Down proposal for the month OCTOBER-2017 & NOVEMBER-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
BTPS # 5	01.11.2017 TO 20.11.2017	Boiler Overhauling
BkTPP # 1	01.11.2017 TO 05.12.2017	BTG
KTPS # 4	35 days after synchronization of Unit #4	BTG
DPL #7	45 to 50 days from last week of October,17	WBSEDCL requested for to take shutdown after Diwali
Budge Budge #1, 2, 3	From November	Shutdown will be taken one by one (one unit shutdown at a stretch)

ITEM No: 5. ISSUES RAISED BY SLDC:

A. At Liluah: Shifting of 132 KV PT so that during bus splitting both circuit of BTPS-Liluah can be used-----WBSETCL representative may intimate the headway achieved so far in this regard.

Deliberation in the meeting:

Representative from WBSETCL informed that the job of shifting 132 KV PT at Liluah may be completed by November, 17.

B. In line with the discussion of 50th SLCF meeting in view of puja festival CESC representative is requested to brief the status of keeping spinning reserve in case of sudden unit outage of CESC. The similar type event observed during night hours of 06.09.17, when due to no spinning reserve, CESC over draw at the tune of 100 MW for a considerable period.

Deliberation in the meeting:

Representative from CESC informed that during the period of Puja festival CESC has planned for keeping spinning reserve of 200 MW from 20th Sept. 2017 to 30th Sept. 2017.

The spinning reserve will be as follows----

HEL- 80 MW

Budge Budge- 70 MW

Southern - 50 MW.

For those days, CESC internal S/O generation will be 705 MW and HEL S/O generation will be 460 MW.

- C. The MERIT Web-portal and App have been launched by the Hon'ble minister of Power, Govt. of India on 23.06.2017 and 05.07.2017 respectively. WBSLDC is responsible for uploading merit order related data for West Bengal power system into the central merit order portal. It has been requested by Central Electricity Authority to fill the details in the portal considering it as top priority. Regarding sending required information to WBSLDC several correspondences have already been made with concerned distribution companies. WBSLDC is yet to receive requisite information for merit order portal. Concerned distribution companies are required to deliver their up-to date status regarding sending requisite information.

Deliberation in the meeting:

On this issue, concerned distribution licensees informed that the matter has been conveyed to respective higher authority. The requisite information can only be sent to WBSLDC after receiving the approval from higher authority.

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

6.1. Agenda note put up by SgTPP

Some times SLDC is uploading its schedule at delay on its web site (www.wbsldc.in).

Therefore we are unable to get schedule at proper time. Therefore **revision upload time to be provided along with revision number at SLDC website** (At present only website update time is available).

Deliberation in the meeting:

On this issue, WBSLDC representative informed that the matter will be taken up with the Vendor of WBSLDC website and will explore the scope for showing revision upload time with revision number at SLDC website as well as sending schedule through e-mail to the constituent.

6.2. Agenda note put up by WBPDCCL

Permission for Network connectivity of Secure make all APEX 100 METER (from MAIN Meter) & L&T make Meters of WBPDCCL for online monitoring.

Deliberation in the meeting:

The representative from Central Testing Department, WBSETCL informed that there will be no technical problem regarding network connectivity of meters for online monitoring. However, he requested to take connectivity with CHECK meters instead of MAIN meters. He also suggested WBPDCCL to issue an official letter to Central Testing Department requesting permission for Network Connectivity of the meters.

6.3. Agenda note put up by WBSEDCL

A. In couple of events during real time operation it has been noticed that despite of 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 of other state utilities. But as a consequence of such events ERLDC now a days allotting / withdrawing suo moto URS power/foregone share of WBSEDCL from ISGS 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 .

Deliberation in the meeting:

After detailed discussion on this issue it was noted that as per prevailing DSM Regulation over drawal above the stipulated limit is being penalised. The stipulated limit is 12% of the schedule (if schedule less than 400 MW then limit is 12% of 400 MW i.e. 48 MW) or 150 MW whichever is less. Within the state of West Bengal there are several entities with different stipulated limit-----

Entities with stipulated deviation limit of 48 MW

Entities with stipulated deviation limit of 48 MW to 150 MW

Entities with stipulated deviation limit of 150 MW.

However, State over drawal limit is 150 MW or below depending upon the schedule of West Bengal at that block.

Therefore, in several instances it may happen that the state is over drawing beyond limit but no one is over drawing/under injecting beyond limit. This is the inherent limitation of the

present deviation mechanism which has already been addressed to WBERC and FOR by WBSLDC. Further Regulatory guidance is awaited.

Regarding the proposal of WBSLDC for suo moto scheduling of over drawl quantum of over drawee state utilities in favour of the over drawee entity from WBSLDC with prior consent from the latter, following the spirit of the WBERC order vide reference no WBERC/SM-12/15-16/0163 - 0167 dt 29.04.2016, WBSLDC representative specified that the same cannot be done as it is not in accordance with the existing order of Hon'ble WBERC. Therefore, the proposal of WBSLDC cannot be accepted.

B. It has been observed for last one month that there is a sustained mismatch in the central sector drawal of West Bengal between the data monitored by SLDC & that by ERLDC on ULDC platform. As a consequence of such data deviation sometimes ERLDC is taking penal measure by disconnecting the Dalkhola -Dalkhola Tie Line for over drawl above stipulated limit corresponding to the state schedule while state is overdrawing within the same. Several times the issue was brought to the kind notice of SLDC through messages from ALDC control room but till morning of 09.09.17 the said mismatch to the tune of above 100MW is prevailing. Hence, in light of the uninterrupted power supply commitment to the consumers, the matter is very important & needs urgent attention from the concerned wing towards rectification of such mismatch by frequent calibration & 24x7 monitoring of tie line data.

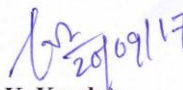
Deliberation in the meeting:

On this issue, the representative from Communication Wing, WBSETCL informed that SCADA data is matching with WBSETCL sub-stn end meter reading as given by concerned sub-stn. However, as it is not matching with ERLDC, data can be checked with PGCIL end sub-stn and necessary calibration may be done if required. The Communication Wing, WBSETCL will take up the matter with ERLDC and other appropriate authority and take necessary action.

ITEM No: 7. Date and venue of next SLCF (i.e. 52nd) Meeting.

It will be intimated in due course of time.

ITEM No: 8. MISCELLANEOUS


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

Annexure -1

Sl.No	Name of the Elements	Date	Time	Remarks
1.	Balurghat 132 KV S/S: 132/33 kv 20MVA Tr.#3	23.06.17 24.06.17	20:20hr(HV) 14:58hr.	No load charge Loaded
2.	Kalyani 132 KV S/S: 132/33 kv 50MVA Tr.#3	12.07.17 13.07.17	15:47hr(HV) 12:25hr.	No load charge Loaded
3.	Sadaipur 220 KV S/S: 132/33 kv 50MVA Tr.#1	12.07.17 13.07.17	16:51hr(HV) 12:06hr	No load charge Loaded
4.	Debogram 132 KV S/S: 132/33kv 50MVA Tr.#1	29.07.17 30.07.17	16:25Hr.(charged from HV) 12:05Hr.(Loaded)	Replacing (31.5+20) MVA Group Control Tr#1&3
5.	New Bishnupur 220 KV S/S: 132/33kv 31.5MVA Tr.#3	20.07.17 21.07.17	18:10Hr.(charged from HV) 12:32Hr.(Loaded)	
6.	Baghmundi 132 KV S/S: 132/33 kv 20MVA Tr.#2	03.06.17	14:58hr.	Loaded
7.	New Town AA3 220 KV S/S: 220/33 kv 50MVA Tr.#1	17.08.17 18.08.17	16:58hr(HV) 13:00hr.	No load charge Loaded
8.	Dharampur 132 KV S/S: 132/33 kv 50MVA Tr.#3	21.08.17 22.08.17	15:58hr(HV) 14:14hr	No load charge Loaded
9.	Satgachia 220 KV S/S: 220/132kv 160MVA Tr.#3	31.08.17 01.09.17	23:45Hr.(charged from HV) 16:50Hr.(Loaded)	No load charge Loaded

Newly Commissioned Sub-Stn

Sl.No	Name of the Elements	Date	Time	Remarks
1.	400 KV New Chanditala S/S: a) 400 kv JRT –N.Chanditala # b) 400 kv M.B -1 c) 400 kv M.B -2 d) 400/220 kv 315 MVA Tr.1 e) 400 kv N.Chanditala – K TPP #	03.07.17	14:44 Hr. 14:46 Hr. 15:03 Hr. 15:28 Hr. (HV only) 16:40Hr. (N.Chand)/ 16:42 Hr.(KTPP)	a) Charged from JRT. b) Via JRT # bay c)Through bus coupler d) Via M.B-1 e)Via M.B-2 at N.Chanditala
2.	400KV New PPSP S/S: a)400 kv PPSP –N.PPSP#1 b)400 kv M.B -2 c) 400 kv 80 MVAR Reactor d) 400 kv M.B-1 e) N.PPSP- Arambag # 1	15.07.17	18:43 Hr. 18:49 Hr. 19:00 Hr. 19:03 Hr. 19:09 Hr.(ARAM)/ 19:13 Hr.(N.PPSP)	a) charged from PPSP . b) via PPSP #1 bay. c) Via Tie Bay. d) through Bus-Coupler. e)Power flow starts via NewPPSP 400kv S/S
	a) 400 kv N.PPSP-New Ranchi #1 b) 400 kv N.PPSP- New Ranchi#2	24.07.17	19:39 Hr. (N.Ranchi)/ 20:08 Hr.(N.PPSP) 20:58 Hr.(N.PPSP)	a) at M.B-1 of N.PPSP b) at M.B-1 of N.PPSP

Transmission Lines

Sl.No	Name of the Elements	Date	Time	Remarks
1	132 KV Jadavpur-Patuli S/C (CESC)	10.07.2017		
2.	220 KV N.Haldia – IPCL Ckt. #1	11.07.17	13:17 Hrs.	Charged from New. Haldia
3	220 KV Foundry Park – New Chanditala Ckt. #1	01.08.17	18:35 Hrs. 18:42 Hrs.	Charged from Foundry Park Closed at New Chanditala
4	220 KV Howrah – New Chanditala Ckt. #1		19:57 Hrs. 20:03 Hrs.	Charged from Howrah Closed at New Chanditala
5	220 KV Howrah – New Chanditala Ckt. #2	03.08.17	18:28 Hrs. 18:30 Hrs.	Charged from Howrah Closed at New Chanditala
6	220 KV Foundry Park – New Chanditala Ckt. #2		18:15 Hrs. 18:32 Hrs.	Charged from Foundry Park Closed at New Chanditala

Memo No. SLDC/ How/ 109/ 980(1-36)

Dated 20/9/2017.

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. Sen Gupta, DGM, System Control Department, CESC Ltd, CESC House, Kol- 01.
25. Sri K. Banerjee, Manager, System Control Department, CESC Ltd, CESC 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 Suhas Ch. Ray Sr.Manager(Operation), KTPP WBPDC.
29. Sri Indrajit Banerjee Manager(Operation), 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.



Convenor, SLCF 20.09.17