

STATE LOAD DESPATCH CENTER

AGENDA FOR 66th MEETING Of State Level Co-ordination Forum

Date: 07/07/2022

Venue: SLDC

ITEM No:1. CONFIRMATION OF THE MINUTES OF 65th SLCF MEETING HELD ON 10.03.2022.

The minutes were circulated vide memo no: SLDC/How/EA-18/2021-22/65(1-37) dated 19/04/2022.

---- Members may please discuss.

ITEM No: 2. REVIEW OF STATE GRID PERFORMANCE:

Power point presentation on grid performance for the month of March-22, April-22 and May-22.

---- Members may please note.

ITEM No. 3. IMPORTANT GRID INCIDENTS:

1. On 15.03.2022 132 kV Satgachia-Kalna D/C Tripped at Satgachia end at 06.57 hours. Relay at Satgachia end for Kalna ckt 1: R ph, Z2, Dist: 21.22 km, fault current: Ir: 3.682 KA & i.r.o. Kalna ckt2: RPh, Z2, 19.08 Km, Fault current: 3.683 KA. Load loss 26 MW.

---- WBSETCL representative may please deliberate.

2. On 15.03.2022 400 KV HEL-Subhashgram PG#1 tripped at 17.07 HRS with only 86 Relay at HEL end.

.... CESC on behalf of HEL representative may please deliberate.

3. At Domjur 220 KV SS: Tripping of one 33 KV feeder resulted in tripping of 3*50 MVA(132/33 KV) Transformer and 132 KV Jangipara Ckt#1 at 09.22 hrs on 16.05.2022. This resulted power interruption at Domjur end around 17 MW in phase.

---- WBSETCL representatives may please elaborate.

4. On 16.06.2022 simultaneous tripping of both circuits TCF PS3-PS1 and TCF PS2-PS1, resulting in no power for TCF-PS3 and TCF-PS2 from 20.54 hrs to 21.07 hrs.

---- WBSEDCL representatives may please elaborate.

ITEM No: 4. OPERATIONAL PLANNING:

(A) ANTICIPATED POWER SUPPLY POSITION FOR THE MONTH OF AUGUST 2022, SEPTEMBER 2022 AND OCTOBER 2022 *[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 AUGUST 2022, SEPTEMBER 2022 AND OCTOBER 2022 .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. AGENDA NOTES PUT UP BY SLCF MEMBERS FOR DISCUSSION:

5.1. Agenda note put up by STPS

After going through the weekly deviation bill raised by WBSLDC, it was observed that commercial meter(Apex-100- Secure make Meter) readings (Actual generation-Sent Out basis) are much lower than our ABT meter(ION-8650 – Schneider Make) readings (Actual generation-Sent Out basis). This is causing huge revenue loss of WBPDC in terms of Fuel cost as well as UI.

The table underneath will give a detailed day to day deviation report of ABT meters and commercial meters for the month of April-2022.

Difference of Actual Generation(Sent Out basis) between ABT Meters and Commercial Meters of STPS - APRIL-2022

DATE	(A) Actual Generation (sent out basis) STPS ABT Meters -ION8650 - MWh	(B) Actual Generation (sent out basis) Commercial Meters(Apex 100) Readings - MWh	Deviation (A-B) - MWh	Revenue loss(Considering only Fuel Cost Rs. 2.37/unit)
01-04-22	11262.70884	11253.186	9.523	22569.1258
02-04-22	11252.03379	11238.809	13.225	31342.75239
03-04-22	11210.60602	11199.49	11.116	26344.97786
04-04-22	11230.97672	11226.122	4.855	11505.69038
05-04-22	9706.049032	9703.753	2.296	5441.596377
06-04-22	5532.353511	5540.876	-8.522	-20198.29954
07-04-22	10181.57415	10150.429	31.145	73813.99485
08-04-22	11277.97197	11230.325	47.647	112923.3128
09-04-22	11269.608	11261.579	8.029	19028.73
10-04-22	11282.5	11274.28	8.220	19481.4
11-04-22	11288.5	11282.97	5.530	13106.1
12-04-22	11288.432	11283.94	4.492	10646.04
13-04-22	11276.416	11271.903	4.513	10695.81
14-04-22	10129.172	10130.715	-1.543	-3656.91
15-04-22	10125.768	10129.509	-3.741	-8866.17
16-04-22	10123.852	10123.193	0.659	1561.83

17-04-22	10112.492	10103.311	9.181	21758.97
18-04-22	10212.3	10204.426	7.874	18661.38
19-04-22	9979.472	9969.36	10.112	23965.44
20-04-22	8236.708	8232.684	4.024	9536.88
21-04-22	9758.944	9750.775	8.169	19360.53
22-04-22	7829.312	7823.136	6.176	14637.12
23-04-22	7523.18	7520.685	2.495	5913.15
24-04-22	8178.413539	8172.413	6.001	14221.27758
25-04-22	8963.476438	8946.28	17.196	40755.55688
26-04-22	10045.416	10030.781	14.635	34684.95
27-04-22	10261.24	10247.845	13.395	31746.15
28-04-22	10748.236	10734.637	13.599	32229.63
29-04-22	11007.004	10990.872	16.132	38232.84
30-04-22	8942.495107	8929.951	12.544	29729.53314
TOTAL			278.976	661173.3885

It is evident from the above table that only in the month of April'22 we have lost approx **2.79 MU** due to erroneous reading of Apex-100 meters. In terms of money it will be around **Rs. 661173.00** considering only fuel cost. UI charges will also be added with it.

In this circumstances we are proposing for recalibration or replacement of all Apex-100 meters.

5.2. Agenda note put up by BkTPP

1) It has been observed t that during back down time SG was reduced less than 10 MW in the first block of ramp down and in the second block, SG was reduced 150 MW . This type of SG is impossible to maintain as sudden decreasing of load may arise stress in Turbine , So it is requested to treat first block of ramp down process when SG value is reduced at least 37.5 MW

2) It was observed in frequent time that ACP value of a day was not uploaded in NLDC site within 24:00 hrs of previous day. Example : for 10 th June ACP was uploaded at 03: 00 hrs dated 10.06.2022 (ALREADY 12 BLOCK WAS OVER) so it is requested to SLDC to inform us the ACP rate of a day when it is not uploaded within 24:00 hrs of previous day.

5.3. Agenda note put up by BTPS

1) Line CVT installation ongoing job is running but shut down clearance for Adisaptagram-1 &2 feeders is not available and hence this job is now temporarily stopped. Immediate shutdown may be allowed for installation of line CVT for Adisaptagram-1 &2 feeders. We also require shutdown for Dharampur-3 and Kalyani feeders for the same job.

2) Presently PLCC communication is out of service. Microwave communication is functioning. So wave-traps, which are required for PLCC communication, may be allowed to remove from BTPS switchyard to avoid unnecessary hazard.

3) New revenue meter installation job at BTPS has been approved by last SLCF meeting. So following points may please be noted for further discussion.

- a) Dimension of new revenue meter is different from existing meter. If new 32 nos meters will not accommodate in existing meter mounting panel then new meter mounting panel may be required and in that case whether WBSETCL will supplied this new panel or not?
- b) Meter installation job may be done in presence of WBSETCL representative.
- c) A list of materials may be supplied to BTPS.
- d) Meter, Ethernet switch ,DCU etc. connection will be done by whom?

6. Agenda note put up by SLDC

- 1. DPL representative was requested on 65th SLCF meeting to submit data (Technical minimum load, household load with which it can give stable performance in order to initiate islanding scheme) related to their units in view of proposed islanding scheme with one unit of DPL. Also they were requested to specify the operation limit of frequency range of the units (higher side and lower side). But no information from DPL is received as yet.
- 2. In continuation to the MOM of 62nd SLCF and 64th SLCF meeting held on 24.03.2021 and on 10.03.2022, it is requested to DPL representative to give update on commissioning of it's 220 kV transfer bus at it's switchyard. No information received from DPL in this regard as yet.
- 3. Daily MW vs MVAR report from 23.00 hrs to 06.00 hrs is not getting from BKTPP and STPS on regular basis, which are extremely important to study and assess the MVAR performance of generating units of the state which has huge techno-commercial impact.
- 4. As after April 2022, an overall declining trend of load is observed in the state for early entry of Mansoon, and huge MVAR charges results due to dominating leading VAR in the state system during light load hours, so the hours for sending MW vs MVAR data remained unaltered for generating stations (i.e. from 23.00 hrs to 06.00 hrs). However on careful scrutiny of the MVAR reports some observations are noted, which needs discussion in the meeting.
- 5. The concern shown from SLDC on 65th SLCF meeting for future power supply for South 24 Parganas and for the state Capital with present situation of over dependency on Subhasgram(PG) sub-station proved extremely pertinent in the last summer peak load of April 2022, where ERLDC has shown extreme concern on (n-1) issue at Subhasgram(PG) sub-station. Numbers of meetings also conducted in ERLDC forum to address the issue on short term basis. But, as per information gathered no headway could be achieved since last 3 months towards settlement of issues between WBSETCL and CESC for stepping forward for proposed 400 KV New Lakshmikantapur sub-station.

ITEM No: 7. Date and venue of next SLCF (i.e. 67TH) Meeting.

ITEM No: 8. MISCELLANEOUS:

Agenda note put up by WBSEDCL

(a) Inaccurate and intermittent SCADA data :

The SCADA data i.r.o. the following CTU interconnected tie lines and State generating units are very often found intermittent as well as inaccurate during real time system operation. Under prevailing stringent DSM regime such SCADA data inaccuracy & intermittency may cause additional DSM penalty burden to the state constituents.

- a. 400 KV Rajarhat- Farakka tie line
- b. 220 KV STPS-Chandil tie line.
- c. STPS sent out
- d. SGTPP sent out
- e. 400 KV Sagardighi-Farakka tie line.
- f. NJP _ Binnaguri tie line

So, to avoid such data inaccuracy apropos commercial loss of WBSEDCL & other state constituents, close coordinated monitoring is required from the concern communication wing of SLDC, WBSETCL in liaison with the counterpart wings of ERLDC and Powergrid.

The real time sincere cooperation of all the state constituents with the said wing in this regard is also required with a view to arrest the penalty linked unnecessary state cash outflow.

(b) Agenda note put up by SLDC

(1) New ADMS scheme in the state West Bengal as stand today after addition/alternation.

(2) Status report of 400/220 KV ICT 2 of SgTPP that was committed in a previous OCC meeting.

Copy for information please:-

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2. PS to Managing Director, WBSETCL, Vidyut Bhavan, Kolkata-91.
3. PS to Managing Director, DPL, Kolkata -107.
4. PS to Director (Operations), WBSETCL, Vidyut Bhavan, Kolkata-91.
5. PS to Director (RT), WBSEDCL, Vidyut Bhavan, Kolkata-91.
6. PS to Executive Director (OS), WBPDC, Salt Lake City, Kolkata-700 098.
7. C.E, SLDC, WBSETCL, Howrah-09.
8. C.E, Transmission-I, WBSETCL, Vidyut Bhavan, Kol-91.
9. C.E, Transmission-II, WBSETCL, Vidyut Bhavan, Kol-91.
10. C.E, CTD, WBSETCL, Abhiksan Bhavan, Kol-91.
11. C.E, Communication, WBSETCL, Abhiksan Bhavan, Kol-91.
12. Chief Engineer, CLD, DVC, Howrah.
13. C.E.(PTP) WBSEDCL, Vidyut Bhavan, Kolkata-91.
14. G.M , (SO) CESC Ltd., Statesman House, Kol- 01.
15. G.M. BTPS, WBPDC.
16. G.M. STPS, WBPDC.
17. G.M. KTPP, WBPDC.
18. G.M. BKTPP, WBPDC.
19. G.M. SGTPP, WBPDC.
20. Sri I. B. Chakraborty, Vice-President, Engineering & Projects, IPCL
21. Addl. Chief Engineer, SLDC, WBSETCL, Howrah-09.
22. Addl. Chief Engineer, Communication (Howrah), WBSETCL, Howrah-09.
23. Addl. Chief Engineer, ALDC, WBSEDCL.
24. Sri P. Gupta, DGM, WBPDC.
25. Sri A. Sen Gupta, DGM, 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 Goutam Bose, Sr.Manager & HOD (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 K. Banerjee, Manager, System Control Department, CESC Ltd, CESC House, Kol- 01.
33. Sri A.Biswas, Manager(PS),BKTPP, WBPDC.
34. Sri F.Hossain, Manager (PS), SGTPP, WBPDC.
35. Sri M.S.Bapari, Manager (PS), SGTPP, WBPDC.
36. Sri M. Mallik, Sr. Manager, (System Operation – Electrical), BTPS, WBPDC.
37. Sri S. Maiti, Sr. Manager (O), STPS, WBPDC.