

## **STATE LOAD DESPATCH CENTER**

### **AGENDA FOR 75<sup>th</sup> MEETING Of State Level Co-ordination Forum**

**Date: 29/04/2025**

**Venue: SLDC**

#### **ITEM No: 1. CONFIRMATION OF THE MINUTES OF THE 74<sup>th</sup> SLCF MEETING HELD ON 13.01.2025.**

The minutes was circulated vide memo no: **SLDC/How/109/2024-25/1025(1-26)** dated 24/02/2025 and the same was also published in the website ([www.wbslhc.in](http://www.wbslhc.in))

*---- Members may please discuss.*

#### **ITEM No: 2. REVIEW OF STATE GRID PERFORMANCE:**

Power point presentation on grid performance for the month of January 2025, February 2025 & March 2025.

*---- Members may please note.*

#### **ITEM No. 3. IMPORTANT GRID INCIDENTS:**

1. On 11.02.25, at 16:58 hrs power failure occurred at AB Zone 220 kV substation, the following elements tripped simultaneously

- 220 kV AB Zone-DPL #2 line
- 160 MVA Transformer #2
- 220 kV Bus Coupler (B/C)

The following Relay indication occurred

- **220 kV AB Zone-DPL #2 Line:**
  - **AB Zone End:** RZ3, RZ5, Bus Zone Operated
  - **DPL End:** RZ3, RZ5, Bus Zone Operated
- **160 MVA Transformer #2:**
  - **HV Side:** RZ3, RZ5, Bus Zone Operated

This tripping caused a **heavy load condition** on the **132 kV DPL-AB Zone single circuit (s/c)**, raising network reliability concerns.

----- Representative from Tr (O & M) and CTD, WBSETCL may please deliberate.

2. On 02.04.25, at 11:25 hrs power failure occurred at Satgachiya 220 kV substation, the following elements tripped simultaneously

- 220 kV BKTPP–Satgachiya #1
- 220 kV Satgachiya–Rishra S/C
- 160 MVA Transformer #1
- 220 kV Bus Coupler (B/C)

The following Relay indication occurred

- 220 kV BKTPP-SATGAHIYA#1
  - SATGACHIYA END: No Tripping.
  - BKTPP End: 3-PHASE trip, Trip relay-186,Z2, Ia-860A, Ib-870A, Ic-1.480KA
- 220KV SATGAHIYA-RISHRA S/C
  - SATGACHIYA END: Z1,C-N,DIST=11.363KM,IA=28.32A,IB-30.46A,IC-3.553KA
  - RISHRA END: Z1, C-N, IA-442A, IB-692A,IC-294A,DIST=52.99KM
- 160 MVA TR#1
  - HV side=O/C Relay,86.
- 220KV B/C
  - B/C:51N, E/F Relay operated.

The simultaneous tripping of critical transmission lines and transformer elements led to a power loss of approximately **316 MW** in the network.

In this event, BKTPP failed to deliver any relay indication in real time, rather it was conveyed that they can provide relay only after testing wings, WBPDCCL can download the details.

This had lead to delayed restoration.

-----Representative from Tr (O & M) and CTD, WBSETCL may please deliberate.

-----Representative from BKTPP may please inform the difficulties for not delivering relay details to SLDC control room in real time.

#### **ITEM No: 4. OPERATIONAL PLANNING.**

**(a) ANTICIPATED POWER SUPPLY POSITION FOR THE MONTH OF MAY, JUNE & JULY 2025.**

*[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 MAY, JUNE & JULY 2025 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 NOTE PUT UP BY SLCF MEMBERS FOR DISCUSSION:**

**5.1. Agenda note put up by BTPS**

**A. Tripping of 4 Nos. circuits simultaneously consisting of 132KV BTPS-Bighati 1 & 2 and 132KV BTPS-Chanditala 1 & 2.**

Simultaneous tripping of 4 nos 132 KV outgoing feeders observed at 21:38 Hrs on 5.4.25 due to over current and distance protection. Out of these 4 Nos circuits only one circuit got tripped at the far end during the occurrence of fault.

Tripping Details are as follows.

SI No	Date	T.O.O	Feeder/Gen	Relay Details BTPS End
1	05.04.25	21:38	Chanditala Ckt#1	Z-3, Dist. 50.74 Km., IA-865.2 A, IB- 915.6 A, IC- 911.2 A, PSB optd.,
2	05.04.25	21:38	Chanditala Ckt#2	Z-3, Dist. 49.68 Km., IA-885.4 A, IB- 936.8 A, IC- 930.0 A, PSB optd.,
3	05.04.25	21:38	Bighati Ckt#1	Back up over current, Ia=495 A, Ib=520 A, Ic=519 A, 1 sec
4	05.04.25	21:38	Bighati Ckt#1	Back up over current, Ia=761 A, Ib=784 A, Ic=792 A, 0.8 sec

As per information received from 220 KV Rishra substation, Busbar Differential Protection operated at Rishra 220 KV Main Bus 1 & 2 during that time. Also, neither 132 KV Rishra-Bighati nor 132 KV Rishra-Chanditala Tripped at Rishra end at that time. You are requested to look into the matter that undesired tripping has occurred at BTPS end due to external fault.

**5.2. Agenda note put up by STPS**

**A. Relocation or Height modification of 220 KV STPS-CHANDIL feeder**

- i. Tower No 1,2 & 3 of STPS CHANDIL Feeder are in the plant premises. Ash Evacuation through Ash browser are continuously done under this feeder. There is a high risk of a major accident occurring during ash browser movement beneath this transmission line between tower no 2 & 3 due to sag of the said feeder.
- ii. Considering the above situation, you are requested to relocate the STPS CHANDIL feeder tower or height modification of the said feeder using another arm of existing tower and help us to prevent major catastrophe.



**B. Supply of SAMAST Energy meter for 220 KV Raghunathpur #1 &2**

- i. Raghunathpur #1&2 CT, PT commissioning work will be started very soon at our STPS end. Supply of SAMAST energy meter is very much needed so that the energy meter installation work can also be carried out alongside the CT and PT commissioning activities.

**5.3. Agenda note put up by KTPS**

- A. As per discussion in 74<sup>th</sup> SLCF meeting regarding old communication panels and microwave tower removal from KTPS, Testing dept continuously communicate with WBSETCL Communication Dept. over telephone and also sent email on 24.02.2025 and 17.04.2025 regarding this but still no response is received from WBSETCL Communication end. In this context we are requesting to make a concrete decision in this forum regarding old communication panels and microwave tower removal from KTPS ECR building. (Minutes should be made through SLCF meeting).
- B. ALDC send a LSD related message and clearly mention that one unit ( KTPP unit #4) of KTPP may be allowed to desynchronize upto 17:00 hrs on 15.04.2025 .But Unit 3 is tripped at 08:27 hrs dated 15.04.2025 and due to this unit #4 is synchronized at 13:06 hrs for the stability of grid. (Block 53) . In this context we claim DC due to LSD from block 53-block 68 for unit 4 on 15.04.2025.
- C. KTPP U#3 was de-synchronized at 96th block on 17.04.2025 and DC was 520 MW at block 96. After that we are placing a revision of DC-520 MW for 18.04.2025 and effect was reflected from block 3. And for that block 1, Block 2 DC and SG is showing 680 MW (no of running unit-4) in SAMAST. In these circumstances we request you to kindly consider DC and SG as 520 MW from block 1 and block 2 dated 18.04.2025

**ITEM No: 6. Date and venue of next SLCF (i.e. 76<sup>th</sup>) Meeting.**

**ITEM No: 7. MISCELLANEOUS:**

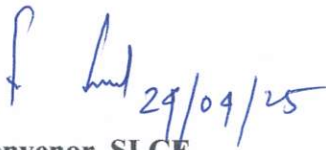
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**Memo No: SLDC/How/109/2025-26/79(1-26)**

**Dated: 24/04/2025**

**Copy for information and kind necessary action please:**

1. The Secretary, WBERC, FD-415A, Plot No: AH/5 (2nd & 4th Floor), Premises No : MAR 16-1111, Action Area 1A, Newtown, Rajarhat, 700163.
2. C.E, SLDC, WBSETCL, Howrah-09.
3. C.E, Transmission-I, WBSETCL, Vidyut Bhavan, Kol-91.
4. C.E, Transmission-II, WBSETCL, Vidyut Bhavan, Kol-91.
5. C.E, CTD, WBSETCL, Abhiksan Bhavan, Kol-91.
6. C.E, Communication, WBSETCL, Abhiksan Bhavan, Kol-91.
7. C.E,(PTP) WBSEDCL, Vidyut Bhavan, Kolkata-91.
8. G.M,(OS) WBPDC, Vidyut Unnayan Bhawan, 3C, LA Block, Sector 3, Bidhannagar, Kol-98.
9. G.M. (SO) CESC Ltd., Statesman House, Kol- 01.
10. G.M. BTPS, WBPDC.
11. G.M. STPS, WBPDC.
12. G.M. KTPP, WBPDC.
13. G.M. BKTPP, WBPDC.
14. G.M. SGTPP, WBPDC.
15. G.M. Durgapur Projects Limited(DPL).
16. Whole time Director, India Power Corporation Limited.
17. Addl. Chief Engineer, SLDC,WBSETCL, Howrah-09.
18. Addl. Chief Engineer, Communication (Howrah), WBSETCL, Howrah-09.
19. Addl. Chief Engineer, ALDC, WBSEDCL.
20. D.G.M, System Control Department, CESC Ltd, CESC House, Kol- 01.
21. D.G.M(O), Durgapur Projects Limited(DPL)., DPL.
22. PS to Managing Director, WBSETCL, Vidyut Bhavan, Kolkata-91.
23. PS to Managing Director, DPL, Kolkata -107.
24. PS to Director (Operations), WBSETCL, Vidyut Bhavan,Kolkata-91.
25. PS to Director (RT), WBSEDCL, Vidyut Bhavan, Kolkata-91.
26. PS to Executive Director (OS), WBPDC, Salt Lake City, Kolkata-700 098.

  
24/04/25  
**Convenor, SLCF**