

## **SUPPLEMENTARY AGENDA OF 61<sup>st</sup> OCCM OF MP**

**SA-I Healthiness of Transfer Bus Coupler Breaker (TBC) at SGTPS:-** An emergency outage was sought on dated 09.12.2017 to attend air leakage from air line of (B-Phase) circuit breaker of 400 KV Birsinghpur-Korba Ckt. II by SGTPS. The WRLDC was in opinion to permit outage on 400 KV Birsinghpur-Korba Ckt-II by transferring the feeder on auxiliary bus through TBC. Thereafter the official of SGTPS had informed that TBC is not available due to some problem and few spares are required for attending the breaker which is not available with SGTPS and same is being procured. Thus, outage on the breaker was not possible by transferring the feeder on auxiliary bus through TBC. In the above context, it is mentioned that during aforesaid period, transmission constraint was observed as 400 KV Korba-Raipur Ckt. III & IV was under prolonged outage since 08.12.2017 for tower modification work. For security purpose, 200 MW backing down was done at Korba NTPC as line loading of 400 KV Korba-Sipat and 400 KV Bhilai-Raipur was more than 600 MW and was touching upto 650 MW. The outage on 400 KV Korba-Birsinghpur Ckt-II would have worsened the system constraint in to critical. At that juncture, non-availability of TBC was infelicitous. Moreover, outage of TBC was not intimated to SLDC. The WRLDC has shown displeasure on this issue and mentioned that this is really a matter of great concern. Nevertheless, looking to the urgency, outage was permitted during late evening hours on 13.12.2017 when loading on the critical elements were somewhat relaxed. Obviously, the outage on the above line was permitted under critical condition.

Considering above scenario, it is mentioned that TBC is a very important element of any substation, it cannot be left unattended under prolonged break down. As mentioned in the outage proposal, the 400 KV Korba-Birsinghpur Ckt. II was nearing to lock out condition due to frequent air leakage. Such condition is unwarranted for safe & secure operation of integrated system. It is therefore requested that TBC /Bus-tie etc. should have kept under healthy condition on priority and whenever any important element goes under outage, it should be invariably intimated to SLDC indicating probable date of availability of element. The committee may discuss the matter.

**[Action : MPPGCL/MPPTCL]**