

Paris Session 2022



EXPERIENCE OF DEVELOPMENT AND IMPLEMENTATION OF SOMS (SYSTEM OPERATION MANAGEMENT SOFTWARE)

C2 - Power System Operation and Control

PS1 - System Control Room Preparedness: Today and in the Future

Question 1.3:

Due to the interconnection of electrical systems over large areas and constant expansion of cross border capacity should simulations of emergency restoration and the actual procedures cover more than the national dispatch centres? Would this allow for a faster restoration of services without compromising the security of supply?

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Answer

- The Indian grid is interconnected synchronously with the Kingdom of Bhutan and asynchronously connected with part of the Bangladesh system and through radial AC connections with Nepal, Myanmar, and a small part of Bangladesh. Further, in the future Indian grid will be expanding their cross border capacity.
- Training on Simulation and procedures of cross border emergency restoration are necessary for real time load despatchers to enable faster restoration of services without compromising the security of supply.
- Availability of Black start capability at the cross border interconnectors at least in any one of the country will help in emergency and faster restoration