

Brief report of trippings occurred at 400kV Shujalpur on 02/01/17

Occurrence: -

1. At 07:13hrs, 400kV Shujalpur Nagda#1 Tripped on Y-E fault at 31.5kM from Shujalpur.
2. AT 07:52hrs, during charging attempt from Shujalpur, line tripped on SOTF protection due to persisting fault in the line (Insulator flashover).
3. However, at the same instant, 400kV Bus #1 tripped due to operation of Busbar protection. Along with that 400kV Shujalpur RAPP#1&2 also tripped.

Preliminary analysis: -

1. It is to mention here that there was no actual fault on the bus. Operation of 400kV Bus#1 protection for through fault (during charging attempt of line) is under analysis and matter has also been taken up with OEM of Busbar Protection.
2. Tripping of 400kV Shujalpur RAPP#2 occurred as its Tie Bay had gone out of service due to problem in trip coils.
3. Tripping of 400kV Shujalpur RAPP#1 occurred as its Tie bay tripped along with operation of Busbar Protection. Reason for the same is being looked into.

Relevant DR files are attached herewith.