



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

WRLDC/November/GD 1

Incident: Tripping of Bus section_II at Koyna III

1. Date and Time: 30/11/2015 17:59 Hrs

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency	Time(hh:mm)
Pre incident	50.06	17:59
Post Incident	50.10	18:00 **

** Due to load change over phenomena frequency rose at 18:00hrs.

2. Reason for Tripping: R-ph CT of Bus coupler on Section-II burst and caught fire at 220kV Koyna III. The feeders on Bus – section II tripped.

3. Areas Affected By Disturbance:.

No interruption of Load as load was fed from alternate sources. Generation loss at Koyna III : 80MW (unit-9). Station was given advice to w/d the unit to tackle frequency raise at 18:00hrs, meanwhile unit tripped due to Bus section tripping.

Insulator cores of Bus Sectionalizer are also damaged.

4. Elements affected:

Feeder	Tripping time	Restoration time
Koyna III-Phopali -II	17:59	Yet to be restored
Koyna III-Adlabs,Imagica S/C	17:59	Yet to be restored
Koyna III-Nerle S/C	17:59	Yet to be restored
Koyna III-Oni S/C	17:59	Yet to be restored
220/110kV ,2x50MVA transformer-I&II	17:59	Yet to be restored
110kV Koyna III-Aroli S/C	17:59	Yet to be restored

5. Actions Taken: The bus coupler breaker is isolated. Further restoration is in progress.

6. Current Status:

Restoration of feeders under progress.

Details are awaited. SLDC, Kalwa is requested to forward details along with relevant Relay and Window indications.

K.Muralikrishna

(Shift Charge Manager)