



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

WRLDC/May-2016/GDI

Incident: TRIPPING AT Panandhro

1. Date and Time:14/06/201618:14Hrs

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency(Hz)	Time(hh:mm)
Pre incident	49.93	18:12
Post Incident	49.92	18:14

2. Reason for Tripping:R-ph conductor of 220kVPanandhro-Kukuma-I snapped and fallen Bus-I. The feeders connected on Bus-I , units 1&2 at KLTPS,Pandhro and Panandhro-Akrimota-II tripped at Akrimota end on under voltage.

3. Areas Affected By Disturbance:. About 20MW load was interrupted at 66kV S/SDayapar, Nanipherayi and Varanda between 18:14-18:20hrs.

Generation loss: 140MW

No critical loadings observed.

4. Elements affected:

Feeder	Tripping time (hh:mm)	Restoration time(hh:mm)	Remarks
220kV Bus-I at Pandhro	18:14	19:18	
220kV Panandhro-Nakhatrana-I	18:14	19:00	Taken on Bus-II as Bus-I was under restoration
220kV Panandhro-Akrimota-II	18:14	19:05	Line tripped at Arimota end on under voltage(feeder was

			on Bus-II at Panandhro).
220kV Panandhro-Akrimota-I	18:14	20:04	
220kV Panadhro-Kukuma-I	18:14	Still out	R-ph conductor snapped and under rectification.
220/66kV transformer	18:14	19:10	

5. Actions Taken:

Loads at 66kV S/S were restored through alternate connection from Nakhatrana at 18:20hrs.

Feeders restored one by one except Kukuma-I.

6. Current Status:

Kukuma-I yet to be restored. Units-1&2 at KLTPS were Lighted up. Expected by 21:30hrs

SLDC, GETCO Gotri is requested to intimate the details of tripping along with relevant relay/window indications, DR/EL and the restoration details.

K.Muralikrishna

(Shift Charge Manager)