



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

MESSAGE NO- LD/07/

DATE:-18/07/2014

Incident: Black out at Essar Steel India Ltd. (ESIL) Hazira (GD-1)

1. Date: 17.07.14 Time 04:17 hours

2. ANTECEDENT Conditions

i. Frequency of Grid

Event	Frequency (Hz)	Time(hh:mm)
Pre incident	49.87	04:16
Post Incident	49.90	04:18

ii. Demand Met

Sl.No	Area/Region	Demand Met(MW)
1	WR	28879
2	Essar Steels India Ltd. (ESIL)	152

3. Brief Description of the event (as reported from ESIL):

At 03:49 hrs on 17.7.14, 400 kV Jhanor-Hazira (Essar) circuit –II tripped distance protection (Z-1 Y-ph fault). Then at 04:17 hrs 400 kV Jhanor-Hazira (Essar) circuit –I tripped on Z-1, B phase fault.

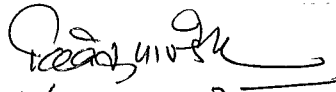
This resulted in total loss of power supply to ESIL Hazira causing a load loss of 152 MW.

4. Elements affected:

Sl. No.	Name of the Element	Outage Time(hrs)	Restoration time(hrs)
1	400 kV Jhanor-Hazira (Essar)-II	03:49	Yet to be restored
2	400 kV Jhanor-Hazira (Essar)-I	04:17	Yet to be restored

3. Areas Affected By Disturbance: ESIL Hazira

4. Current Status: As intimated by ESIL the tripping are due to insulator failure. Restoration is under progress and lines are expected by afternoon of 18.7.2014.


(Vivek Pandey)
Chief Manager(SO) 18/7/14

Distribution:

**S/I : NLDC, SLDC- GETCO, MPPTCL, MSETYCL, CSPTCL, GOA, DD, DNH, Control
room: NTPC, CGPL
AGM/GM-WRLDC, MS-WRPC**