



Power System Operation Corporation Limited
Western regional Load Despatch Centre
FLASH REPORT

MESSAGE NO- LD/07/

DATE:-07/07/2014

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

1. Date: 06.07.14 **Time** 04:33 hours

2. ANTECEDENT Conditions

i. Frequency of Grid

Event	Frequency (Hz)	Time(hh:mm)
Pre incident	49.91	04:32
Post Incident	49.97	04:34

ii. Demand Met

Sl.No	Area/Region	Demand Met(MW)
1	WR	36070
2	Essar Steels India Ltd. (ESIL)	310

3. Brief Description of the event:

At 04:16 hrs on 6.7.14, 400 kV Jhanor-Hazira (Essar) circuit –II tripped on B phase to earth fault. Then at 4:33 hrs 400 kV Jhanor-Hazira (Essar) circuit –I tripped on Y phase to earth fault.

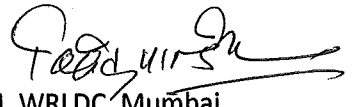
This resulted in total loss of power supply to ESIL Hazira causing a load loss of 310 MW.

4. Elements affected:

Sl. No.	Name of the Element	Outage Time	Restoration time
1	400 kV Jhanor-Hazira (Essar)-II	04:16	14:47
2	400 kV Jhanor-Hazira (Essar)-I	04:33	19:03

3. Areas Affected By Disturbance: ESIL Hazira

4. Current Status: Both the 400 kV Jhanor-ESIL lines are restored by 19:03 hrs and power supply has been normalized to ESIL.


SCM, WRLDC, Mumbai.

Distribution:

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