

**POWER GRID CORPORATION OF INDIA LIMITED  
EASTERN REGIONAL LOAD DESPATCH CENTER**

**ATC of Eastern Region for the month of March, 2010**

**Rev. 1 considering present trend of demand and availability in ER and revised program of shutdown of FSTPP U# 4.**

**Export Capability**

Corridor	Time Period	Total Transfer Capability	Reliability Margin	Scheduling Limit	Long Term Open Access	Available Transfer Capability for STOA
ER - NR up to 19th March	00:00 – 17:00	2100	300	1800	1157	643
	23:00 – 24:00					
	17:00 – 23:00	2400	300	2100	1148	952
ER - NR 20 to 31March	00:00 – 17:00	2200	300	1900	1107	793
	23:00 – 24:00					
	17:00 – 23:00	2400	300	2100	1100	1000
ER - WR	00:00 – 17:00	2000	300	1700	439	1261
	23:00 – 24:00					
	17:00 – 23:00	1900	300	1600	438	1162
ER - SR	00:00 – 17:00	2000	100	1900	-36	1936
	23:00 – 24:00					
	17:00 – 23:00	2000	100	1900	-36	1936
ER - NER up to 19th March	00:00 – 17:00	300	50	250	208	42
	23:00 – 24:00					
	17:00 – 23:00	350	50	300	185	115
ER - NER 20 to 31March	00:00 – 17:00	350	50	300	183	117
	23:00 – 24:00					
	17:00 – 23:00	400	50	350	163	187

**Import Capability**

Corridor	Time Period	Total Transfer Capability	Reliability Margin	Scheduling Limit	Long Term Open Access	Available Transfer Capability for STOA
NR - ER	00:00 – 17:00	300	200	100	0	100
	23:00 – 24:00					
	17:00 – 23:00	450	200	250	0	250
WR - ER up to 19th March	00:00 – 17:00	700	200	500	0	500
	23:00 – 24:00					
	17:00 – 23:00	1100	200	900	0	900
WR-ER 20 to 31March	00:00 – 17:00	800	200	600	0	600
	23:00 – 24:00					
	17:00 – 23:00	1100	200	900	0	900
SR-ER up to 19th March	00:00 – 17:00	350	50	300	36	264
	23:00 – 24:00					
	17:00 – 23:00	950	50	900	36	864
SR - ER 20 to 31March	00:00 – 17:00	650	50	600	36	564
	23:00 – 24:00					
	17:00 – 23:00	1000	50	950	36	914
NER - ER	00:00 – 17:00	1000	200	800	0	800
	23:00 – 24:00					
	17:00 – 23:00	1000	200	800	0	800

**Note :**

**To maximize export capability to NR**

**400KV Purnea-Muzaffarpur-Gorakhpur has been kept single circuit with FSC at Purnea by passed in off peak and taken into service in peak.**

- (n-1) contingency of Farakka-Malda line has been considered for arriving at ER-NR and ER-NER TTC for peak and off-peak.
- (n-1) Contingency of 220KV Budhipadar-Tarkera line has been considered for arriving at WR-ER TTC for peak and off peak hours.
- (n-1) contingency of Farakka-Malda line has been considered for arriving at SR-ER TTC for off-peak and peak.
- Import TTC mentioned are not simultaneous capacity and depends on the flows on the other links

Simultaneous TTC for ER-NR & ER-NER		
	upto 19/03	20/03 to 31/03
off-peak	2300	2450
peak	2750	2800

- # Capacity of Talcher-Kolar link has been considered as 2500MW and shutdown of one unit at TSTPP-II has also been considered in arriving at ER-SR TTC.

## NTPC availability considered for March-10

up to 19th March	<b>FSTPP</b>	<b>1489</b>
20 to 31March	<b>FSTPP</b>	<b>1020</b>
	<b>KHSTPP-I</b>	<b>760</b>
	<b>KHSTPP-II</b>	<b>935</b>
	<b>TSTPP-I</b>	<b>935</b>
	<b>TSTPP-II</b>	<b>1860</b>

- 1 Planned outage of FSTPP U# 4(500MW) has been considered from 20th March to 23rd April 2010.
- 2 **200MW Long-term export from DVC to MPPTCL(WR) and 150MW from DVC to DTL(NR) has been considered**
- 3 **Variation of hydro generation considered during peak and off-peak**

<b>Station</b>	<b>Peak</b>	<b>Off-peak</b>
Teesta	500	0
Rangit	20	0
Chukha	0	0
Tala	170	170
Kurichu	0	0
Burla	40	10
Chiplima	20	0
Balimela	100	40
Rengali	100	0
U. Kolab	100	0
Indravati	400	100
Subarnarekha	0	0
Maithon	20	0
Panchet	0	0
PPSP	675	0
Rammam	0	0
TCF	0	0
Jaldhaka	0	0