POWER GRID CORPORATION OF INDIA LIMITED
EASTERN REGIONAL LOAD DESPATCH CENTER
ATC of Eastern Region for the month of March, 2010

Export Capability

Corridor	Time Period	Total Transfer Capability	Reliability Margin	Scheduling Limit	Long Term Open Access	Available Transfer Capability for STOA
ER - NR	00:00 – 17:00 23:00 – 24:00	1800	300	1500	1004	496
up to 26th March	17:00 – 23:00	2400	300	2100	1009	1091
ER - NR	00:00 – 17:00 23:00 – 24:00	1550	300	1250	1054	196
27 to 31March	17:00 – 23:00	2300	300	2000	1057	943
ER - WR	00:00 – 17:00 23:00 – 24:00	2000	300	1700	411	1289
	17:00 – 23:00	1900	300	1600	411	1189
ER - SR	00:00 – 17:00 23:00 – 24:00	2000	100	1900	60	1840
	17:00 – 23:00	2000	100	1900	60	1840
ER - NER	00:00 – 17:00 23:00 – 24:00	300	50	250	186	64
	17:00 – 23:00	350	50	300	189	111

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 23:00 – 24:00	*	-	0	0	0
	17:00 – 23:00	450	200	250	0	250
WR - ER	00:00 – 17:00 23:00 – 24:00	700	200	500	0	500
up to 26th March	17:00 – 23:00	1000	200	800	0	800
WR-ER	00:00 – 17:00 23:00 – 24:00	350	200	150	0	150
27 to 31March	17:00 – 23:00	1000	200	800	0	800
SR-ER	00:00 – 17:00 23:00 – 24:00	350	50	300	-60	360
up to 26th March	17:00 – 23:00	1400	50	1350	-60	1410
SR - ER	00:00 – 17:00 23:00 – 24:00	150	50	100	-60	160
27 to 31March	17:00 – 23:00	850	50	800	-60	860
NER - ER	00:00 – 17:00 23:00 – 24:00	1000	200	800	0	800
	17:00 – 23:00	1000	200	800	0	800

Note :

To maximize export capability to NR

(i) FSC at Purnea has been kept bypassed

(ii) 400KV Purnea-Muzaffarpur-Gorakhpur line kept single circuit during off-peak.

400KV Malda-Purnea one circuit considered not to be available during the month.

1 (n-1) contingency of Farakka-Malda line has been considered for arriving at ER-NR and ER-NER TTC for peak and off-peak.

2 (n-1) contingency of Rourkela-Raigarh line has been considered for arriving at ER-WR TTC.

3 (n-1) contingency of Joda-Ramchandrapur line has been considered for arriving at ER-SR TTC for off-peak

4 (n-1) contingency of Kolaghat-Baripada and Jamshedpur-Rourkela lines have been considered for arriving at ER-SR TTC for peak.

5 (n-1) contingency of Farakka-Malda line has been considered for arriving at WR-ER TTC under off-peak and n-1 contingency of 220KV Budhipadar-Tarkera line has been considered for peak hours.

6 (n-1) contingency of Farakka-Malda line has been considered for arriving at SR-ER TTC for off-peak and that of Talcher-Rourkela line has been considered for arriving at SR-ER TTC for peak hours.

7 (n-1) contingency of Binaguri-Bongaigaon line has been considered for arriving at NER-ER TTC for peak and off-peak.

8 Import TTC mentioned are not simultaneous capacity and depends on the flows on the other links

* Net import from NR in off-peak is physically not possible even after maximizing export to SR and backing down hydro in Orissa.

Simultaneous TTC for ER-NR & ER-NER

	upto 26/03	27/03 to 31/03
off-peak	1900	1700
peak	2600	2500

\# 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 26th March	FSTPP	1010
27 to 31March	FSTPP	1485
	KHSTPP-I	570
	KHSTPP-II	830
	TSTPP-I	970
	TSTPP-II	1860

200MW Long-term export from DVC to each of DTL (NR) and MP (WR) has been considered

Variation of hydro generation considered during peak and off-peak

Station	Peak	Off-peak
Teesta	500	0
Rangit	40	0
Chukha	40	20
Tala	100	20
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