

**POWER GRID CORPORATION OF INDIA LIMITED**  
**EASTERN REGIONAL LOAD DESPATCH CENTER**  
**ATC of Eastern Region for the month of August, 2009**

**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	2800	300	2500	1478	1022
	23:00 – 24:00					
	17:00 – 23:00					
ER - WR	00:00 – 17:00	1700	500	1200	727	473
	23:00 – 24:00					
	17:00 – 23:00					
ER - SR	00:00 – 17:00	1695	50	1645	87	1558
	23:00 – 24:00					
	17:00 – 23:00					
ER - NER	00:00 – 17:00	500	100	400	150	250
	23:00 – 24:00					
	17:00 – 23:00					

**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	400	100	300	0	300
	23:00 – 24:00					
	17:00 – 23:00					
WR - ER	00:00 – 17:00	500	100	400	0	400
	23:00 – 24:00					
	17:00 – 23:00					
SR - ER	00:00 – 17:00	650	50	600	186	414
	23:00 – 24:00					
	17:00 – 23:00					
NER - ER	00:00 – 17:00	300	100	200	0	200
	23:00 – 24:00					
	17:00 – 23:00					

**Note :**

- 1 **FSC at purnea in service**
- 2 (n-1) contingency of Purnea-Muzaffarpur line has been considered for arriving at ER-NR.
- 3 (n-1) contingency of Rourkela-Raigarh line has been considered for arriving at ER-WR TTC.
- 4 For exporting power to SR, capacity of Talcher-Kolar link has been considered as **2360 MW**.
- 5 (n-1) contingency of Talcher - Rourkella has been considered for arriving at SR - ER TTC under peak and off peak hours.
- 6 (n-1) contingency of Binaguri-Bongaigaon line has been considered for arriving at NER-ER TTC
- 7 Import TTC mentioned are not simultaneous capacity and depends on the flows on the other links

## NTPC availability considered for Aug-09

<b>FSTPP</b>	<b>1020</b>
<b>KHSTPP-I</b>	<b>574</b>
<b>KHSTPP-II</b>	<b>1395</b>
<b>TSTPP-I</b>	<b>930</b>
<b>TSTPP-II</b>	<b>1860</b>

Unit 7 has been considered

## Variation of hydro generation considered during peak and off-peak

<b>Station</b>	<b>Peak</b>	<b>Off-peak</b>
Teesta	510	510
Rangit	60	60
Chukha	360	360
Tala	1020	1020
Kurichu	60	60
Burla	150	150
Chiplima	25	25
Balimela	240	135
Rengali	250	200
U. Kolab	240	200
Indravati	500	450
Subarnarekha	120	120
Maithon	60	60
Panchet	80	80
PPSP	675	0
Rammam	50	50
TCF	60	60
Jaldhaka	0	0

Long term bilateral from DVC to NR and DVC to WR have been considered 200MW each.