POWER GRID CORPORATION OF INDIA LIMITED
EASTERN REGIONAL LOAD DESPATCH CENTER
ATC of Eastern Region for the month of September, 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 23:00 – 24:00	2800	300	2500	1512	988
	17:00 – 23:00	2800	300	2500	1512	988
ER - WR	00:00 – 17:00 23:00 – 24:00	1800	500	1300	672	628
	17:00 – 23:00	1800	500	1300	682	618
ER - SR	00:00 – 17:00 23:00 – 24:00	1695	50	1645	-93	1738
	17:00 – 23:00	1695	50	1645	-93	1738
ER - NER	00:00 – 17:00 23:00 – 24:00	500	100	400	154	246
	17:00 – 23:00	500	100	400	164	236

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	350	100	250	0	250
	17:00 – 23:00	350	100	250	0	250
WR - ER	00:00 – 17:00 23:00 – 24:00	500	100	400	0	400
	17:00 – 23:00	500	100	400	0	400
SR - ER	00:00 – 17:00 23:00 – 24:00	650	50	600	93	507
	17:00 – 23:00	550	50	500	93	407
NER - ER	00:00 – 17:00 23:00 – 24:00	300	100	200	0	200
	17:00 – 23:00	300	100	200	0	200

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 Sept-09

FSTPP	1485
KHSTPP-I	565
KHSTPP-II	1395
TSTPP-I	465
TSTPP-II	1860

Unit 7 has been considered

Variation of hydro generation considered during peak and off-peak

Station	Peak	Off-peak
Teesta	510	510
Rangit	60	60
Chukha	320	320
Tala	1020	1020
Kurichu	60	60
Burla	200	200
Chiplima	25	25
Balimela	240	60
Rengali	250	250
U. Kolab	240	80
Indravati	600	300
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.