

POWER GRID CORPORATION OF INDIA LIMITED
EASTERN REGIONAL LOAD DESPATCH CENTER
ATC of Eastern Region for the month of July, 2009
JULY 1 to JULY 25

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	2400	300	2100	1482	618
	23:00 – 24:00					
	17:00 – 23:00	2500	300	2200	1482	718
ER - WR	00:00 – 17:00	1700	500	1200	712	488
	23:00 – 24:00					
	17:00 – 23:00	1700	500	1200	670	530
ER - SR	00:00 – 17:00	1595	50	1545	84	1461
	23:00 – 24:00					
	17:00 – 23:00	1595	50	1545	84	1461
ER - NER	00:00 – 17:00	400	100	300	147	153
	23:00 – 24:00					
	17:00 – 23:00	400	100	300	156	144

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	400	100	300	0	300
WR - ER	00:00 – 17:00	500	100	400	0	400
	23:00 – 24:00					
	17:00 – 23:00	500	100	400	0	400
SR - ER	00:00 – 17:00	650	50	600	186	414
	23:00 – 24:00					
	17:00 – 23:00	550	50	500	186	314
NER - ER	00:00 – 17:00	300	100	200	0	200
	23:00 – 24:00					
	17:00 – 23:00	300	100	200	0	200

POWER GRID CORPORATION OF INDIA LIMITED
EASTERN REGIONAL LOAD DESPATCH CENTER
ATC of Eastern Region for the month of July, 2009
JULY 26 to JULY 31

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	2400	300	2100	1491	609
	23:00 – 24:00					
	17:00 – 23:00	2500	300	2200	1491	709
ER - WR	00:00 – 17:00	1700	500	1200	743	457
	23:00 – 24:00					
	17:00 – 23:00	1700	500	1200	692	508
ER - SR	00:00 – 17:00	1595	50	1545	98	1447
	23:00 – 24:00					
	17:00 – 23:00	1595	50	1545	98	1447
ER - NER	00:00 – 17:00	400	50	350	157	193
	23:00 – 24:00					
	17:00 – 23:00	400	100	300	168	132

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	300	100	200	0	200
WR - ER	00:00 – 17:00	500	100	400	0	400
	23:00 – 24:00					
	17:00 – 23:00	500	100	400	0	400
SR - ER	00:00 – 17:00	450	50	400	186	214
	23:00 – 24:00					
	17:00 – 23:00	350	50	300	186	114
NER - ER	00:00 – 17:00	300	100	200	0	200
	23:00 – 24:00					
	17:00 – 23:00	300	100	200	0	200

Note :

- 1 **FSC at purnea in service & FSC at Gorakhpur is out of 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 July-09

FSTPP	1485
KHSTPP-I	730
KHSTPP-II	1395
TSTPP-I	435
TSTPP-II	1860

Unit 7 has been considered

(One unit of Talcger shall be under shutdown from 01.07.09 to 25/07/09

Variation of hydro generation considered during peak and off-peak

Station	Peak	Off-peak
Teesta	510	510
Rangit	60	60
Chukha	360	360
Tala	1020	1020
Kurichu	60	60
Burla	150	150
Chiplima	10	10
Balimela	300	300
Rengali	200	200
U. Kolab	200	200
Indravati	500	500
Subarnarekha	50	50
Maithon	40	0
Panchet	10	0
PPSP	675	0
Rammam	50	50
TCF	0	0
Jaldhaka	0	0

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