

**POWER SYSTEM OPERATION CORPORATION LIMITED**  
**NATIONAL LOAD DESPATCH CENTRE**  
**URGENT MARKET INFORMATION**

**Date & Time of Issue: 25-APR-2012**

**Issue Time: 1330 Hrs**

A) Due to shutdown of 220 kV Sarusajai – Agia Ckt I and II w.e.f. 0800 Hrs of 26-04-12 to 1600 Hrs of 02-05-2012 (Continuous) (400kV Bongaigaon-Binaguri Ckt I/II will also be under shutdown from 26<sup>th</sup> April'12 to 09<sup>th</sup> May'12 on daily basis due to damaged insulator replacement work ), TTC of NER-ER corridor for the said period is being revised as follows:

During this period, **import capability** of NER is revised as follows:

**I) Import capability of NER (for 26-04-12)**

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
ER→NER	00:00-08:00	590	200	35	355
	08:00-23:00	400	200	35	165
	23:00-24:00	425	200	35	190

**II) Import capability of NER (for 27.04.12 to 01.05.12)**

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
ER→NER	00:00-08:00	425	200	35	190
	08:00-23:00	400	200	35	165
	23:00-24:00	425	200	35	190

**III) Import capability of NER (for 02-05-12)**

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
ER→NER	00:00-08:00	425	200	35	190
	08:00-17:00	400	200	35	165
	17:00-24:00	590	200	35	355

During this period, **Export capability** of NER is revised as follows:

**I) Export capability of NER (for 26-04-12)**

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
ER→NER	00:00-08:00	590	0	100	490
	08:00-17:00	400	0	100	300
	17:00-23:00	400	0	100	300
	23:00-24:00	420	0	100	320

**II) Export capability of NER (for 27.04.12 to 01.05.12)**

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
ER→NER	00:00-08:00	420	0	100	320
	08:00-23:00	400	0	100	300
	23:00-24:00	420	0	100	320

**III) Export capability of NER (for 02-05-12)**

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
ER→NER	00:00-08:00	420	0	100	320
	08:00-17:00	400	0	100	300
	17:00-24:00	590	0	100	490

B) For the Shutdown of 400kV Binaguri- Bongaigaon II already planned from 30<sup>th</sup> April 2012 to 09<sup>th</sup> May 2012 (0800-1700 hrs) on daily basis the revised Transfer Capability in ER-NER & NER-ER corridor is as follows:

Corridor	Time (hrs)	Total Transfer Capability (TTC), MW	Reliability Margin, MW	Available Transfer Capability (ATC), MW
ER-NER	0800-1700	400	35	365
	0000-0800 1700-2400	590		555
NER-ER	0800-1700	400	100	300
	0000-0800 1700-2400	590		490

**The limiting factors are –**

- (N-1) contingency of 400/220kV MISA ICT (NER)
- High loading of 220 kV Balipara-Samaguri SC / 400/220 kV, 315 MVA, Balipara ICT (NER)
- High loading of 220kV Birpara Salakatti D/C & 220kV Binaguri-Birpara D/C(ER)
- N-1 contingency of 400 kV Bongaigaon-Binaguri I / II(ER)