

NATIONAL LOAD DESPATCH CENTRE
URGENT MARKET INFORMATION

Date of Issue: 22-FEB-2012

ATC OF NER-ER Corridor FOR 18-21 FEBRUARY 2012- (Revision Consolidated)

POWERGRID availed shutdown of 400kV Balipara-Bongaigaon-II on daily basis on 18th, 19th and 21st February 2012 while no shutdown was availed on 20th February 2012.

In view of above conditions, the ATC-TTC of NER-ER corridor during the above period was revised as follows:

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

I) Import capability of NER (for 18th, 19th and 21st February 2012)

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
ER→NER	00:00-08:00	500	200	35	265
	08:00-17:00	305	200	35	70
	23:00-24:00	500	200	35	265
	17:00-23:00	500	200	35	265

The limiting factor in Import Capability of NER is due to following constraints –

- (N-1) contingency of 400kV Balipara-Bongaigaon I
- High loading of 220kV BTPS-Agia S/C.

II) Import capability of NER (for 20.02.12)

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
ER→NER	00:00-17:00	500	200	35	265
	23:00-24:00	500	200	35	265
	17:00-23:00	500	200	35	265

The limiting factor in Import Capability of NER is due to following constraints –

- (N-1) contingency of 400kV Balipara-Bongaigaon I
- High loading of 220kV BTPS-Agia S/C.

Note: RM for Import from NER to ER has been considered to be 35MW (largest unit of AGBPP).

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

I) Export capability of NER (for 18th, 19th and 21st February 2012)

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
NER→ ER	00:00-08:00	570	0	100	470
	08:00-17:00	170	0	100	70
	23:00-24:00	570	0	100	470
	17:00-23:00	570	0	100	470

The limiting factor in Export Capability of NER is due to following constraints –

- (N-1) contingency of 400kV Balipara-Bongaigaon I
- High loading of 220kV BTPS-Agia S/C.

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II) Export capability of NER (for 20.02.12)

Link	Time period	TTC	LTA	RM	ATC = TTC-LTOA-RM
NER→ ER	00:00-17:00	570	0	100	470
	23:00-24:00	570	0	100	470
	17:00-23:00	570	0	100	470

The limiting factor in Export Capability of NER is due to following constraints –

- (N-1) contingency of 400kV Balipara-Bongaigaon I
- High loading of 220kV BTPS-Agia S/C.

Note: RM for Export from NER to ER has been considered to be 100MW (one unit of RHEP).