

Agenda points for 129th OCC from ER-II

1. Intimation for stepwise completion of Rajarhat – Purnea 400 KV D/C line as approved in 34th TCC meeting:

SL NO	DESCRIPTION OF REARRANGED ELEMENT
01.	Rajarhat - Farakka portion of Rajarhat - Purnea 400 KV D/C transmission line including LILO of one ckt of Rajarhat - Purnea Line at Farakka.
02.	LILO of one Circuit of 400 KV D/c Rajarhat- Purnea Line at Gokarna Substation.
03.	Farakka – Purnea portion of Rajarhat - Purnea 400 KV D/C transmission line.

The above mentioned arrangement already agreed in TCC & it is expected that all elements will be charged in this quarter (Q4/Jan'17-March'17).

Powergrid may update.

2. Shut down planning pertaining to different elements of ER-II:-

a. 400 KV Binaguri-Bongaigaon-D/C shut down for railway diversion work (Both circuit in Continuous basis):

For widening of railway track under North Frontier railway, tower diversion required to be carried out between location no: 466 & 467. For carrying out the work 08 days continuous S/D of both the circuits are required. As huge manpower mobilization required including railway block shut down firm shut down period is required for proper co-ordination.

Powergrid may explain.

3. Successful commissioning of additional 50 MVAR Bus Reactor at Berhampur S/S:

As per the decision taken in 31st TCC, ER-II has successfully commissioned additional temporary 50 MVAR Bus Reactor. Voltage drop observed around 3 KV after charging of Reactor.

For commissioning of the reactor approximately 0.80 Crore cost is incurred. As permanent reactor of capacity 125 MVAR is going to be commissioned in Berhampur S/S under ERSS-XV package, it is proposed to consider the cost incurred above to include in the ongoing package.

Powergrid may explain.

4. Insulator replacement programme for the month of February'2017 of ER-II:

As per earlier discussion POWERGRID/ER-II is submitting the plan for insulator replacement for the month of January-February'2017:

Upcoming Plan for Insulator Replacement work proposed in the month of January-February-17

SI No.	Name of TL	Description of Work	Loc No. from	Loc No. To	Remarks
1	220kV S/C Birpara-Malbase TL.	Replacement of porcelain insulators with CLR insulators.	10	122 (Birpara end)	Complete replacement of insulators.
2	400kV D/C Binaguri-Bongaigaon TL Ckt-I & II.	Replacement of porcelain insulators with CLR insulators.	1 (Bongaigaon end)	484	Railway crossing. Ckt-I & II alternately
3	400 KV Maithon-Mejia-II.	Replacement of porcelain insulators with CLR insulators.	12	12	Railway crossing.
4	400 KV Binaguri-Rangpo-D/C.	Replacement of porcelain insulators with CLR insulators.	318	320	Railway crossing. One circuit at a time.
5	400 KV Binaguri-Purnea-D/C.	Replacement of porcelain insulators with CLR insulators.	600	702	National Highway/ State highway/ River crossing.
6	132 KV Siliguri-Kurseung.	Replacement of porcelain insulators with CLR insulators.	202	340	National Highway/ State highway/River crossing.
7	132 KV Siliguri-Melli.	Replacement of porcelain insulators with CLR insulators.	202	340	National Highway/ State highway/River crossing.
8	220 KV Binaguri-Birpara-D/C.	Replacement of porcelain insulators with CLR insulators.	138	233	National Highway/ State highway/River crossing.

For all above places conventional porcelain insulator will be replaced by Composite Long Rod Insulator. Placed before members for discussion and subsequent consideration of the outages as deemed availability.

Members may approve.

5. Test charging of 80 MVAR, 400 KV Bus Reactor along with associated line bays of Powergrid at Gokarna S/S :

The erection & commissioning work of 02 No's line bays along with 80 MVAR Bus Reactor at Gokarna S/S has been completed. As the line coming to Gokarna S/S is expected to take some more time it is requested to allow ER-II for test charging of 80 MVAR Bus Reactor & line bays with rated voltage for completing the contractual formalities. Again, the Reactor also could be useful in lean period for maintain system voltage.

Powergrid may update.