



भारत सरकार
Government of India

विद्युत मंत्रालय
Ministry of Power

केंद्रीय विद्युत प्राधिकरण
Central Electricity Authority

विद्युत प्रणाली योजना एवं मूल्यांकन प्रभाग-II
Power System Planning & Appraisal Division-II

संख्या: के.वि.प्रा./पी.एस.पी.ए.-II/2017/89/1/ 585-597

दिनांक: 01.08.2017

सेवा में

As per list of Addresses

विषय :- Minutes of the meeting held on 18.07.2017 at CEA, Delhi to discuss issues relating to construction of 132 kV line bay at OTPC's Gas Based Power Projects (GBPP) at Palatana for connecting 2nd circuit of Palatana – Surajmaninagar 400 D/c line (operating at 132 kV)

महोदय,

The minutes of the meeting held on 18.07.2017 under the Chairmanship of Member (Power system), CEA, Sewa Bhawan, R.K.Puram, New Delhi regarding above subject is enclosed.

भवदीय
शुभिका शरण
(शुभिका शरण)

निदेशक (वि प्र यो मू - II)

Copy to:

1. Additional Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi -110001
2. PPS to Member (PS) –for kind information please.

List of Addresses:

1	Member Secretary, North Eastern Regional Power Committee(NERPC), NERPC Complex, Dong Parmaw Lapalang, Shillong – 793006 (Meghalaya) Fax: 0364 – 2534040/2520030	2	COO(CTU-Planning), Power Grid Corporation of India Ltd., "Saudamini" Plot no-2, Sector-29, Gurgoan- 122001, Haryana Fax-11-265600039
3	Shri Satyajit Ganguly Managing Director, ONGC Tripura Power Company Ltd., 6th Floor, A Wing, IFCI Towers, 61, Nehru Place, New Delhi - 110019	4	Managing Director, Assam Electricity Grid Corporation Limited BijuleeBhawan; Paltan Bazar, Guwahati (Assam) – 781001. Fax: 0361 – 2739513 & 0361 – 2739989
5	Chairman-cum-Managing Director, Tripura State Electricity Corporation Limited, Bidyut Bhavan, Banamalipur, Agartala, Tripura. Fax: 0381 – 2319427	6	Chairman-cum-Managing Director, Meghalaya Energy Corporation Limited, LumJingshai, Short Round Road, Shillong (Meghalaya) – 793001. Fax: 0364 – 2590355
7	Managing Director, Manipur State Power Company Ltd. (MSPCL), Electricity Complex, Patta No. 1293 under 87(2), Khwai Bazar, Keishampat, District – Imphal West, Manipur – 795001	8	Engineer-in-Chief Power & Electricity Department, New Sectrriate Complex, Aizawl (Mizoram)-796001 Ph: Fax:0389-2336848 Fax:0389-2336862
9	Chief Engineer, Department of Power, Nagaland, Kohima Fax: 0832 – 2426986/2222354	10	Chief Engineer (Power), Vidyut Bhawan, Department of Power, Zero Point Tinali, Itanagar (Arunachal Pradesh) – 791111, Fax: 0360 – 2217302
11	Sh. T. A. N. Reddy Vice president- B.D. & Corporate Affairs, NER II Transmission Ltd. , F-1, The Mira Corporate Suits, 1 &2, Ishwar Nagar, Mathura Road, New Delhi-110065		

Minutes of the meeting held on 18.07.2017 at CEA, Delhi to discuss issues relating to construction of 132 kV line bay at OTPC's Gas Based Power Projects (GBPP) at Palatana for connecting 2nd circuit of Palatana – Surajmaninagar 400 D/c line (operating at 132 kV)

1. List of participants is enclosed at **Annex-I**.
2. Member (PS), CEA welcomed the participants. He informed that a meeting was held on 04.07.2017 in MoP to discuss the issue of construction of one additional 132 kV line bay in OTPC's Gas Based Power Projects (GBPP) at Palatana for terminating 2nd circuit of Palatana – Surajmaninagar 400 D/c line (charged at 132 kV) and in the meeting, MoP advised CEA to hold a meeting to resolve the issue. He expressed serious concern that none of the STUs of NER participated in the meeting held.
3. Chief Engineer (PSPA-II) stated that presently, transmission system associated with the evacuation of power from OTPC's Gas Based Power Projects (GBPP) at Palatana, interalia, includes Palatana – Surajmaninagar 400 D/c line (charged at 132 kV). In the 5th Standing Committee Meeting (SCM) on Power System Planning of North Eastern Region held on 08.08.2015, it was informed that only one circuit of the Palatana – Surajmaninagar 400 D/c line (operating at 132 kV) is connected at 132 kV generating switchyard of OTPC. The second 132 kV line bay at Palatana generating switchyard is connected to Udaipur 132 kV S/s of TSECL and TSECL is drawing about 40-50 MW power over Palatana –Udaipur 132 kV S/c line. This line was constructed as a temporary arrangement for supplying start-up power to OTPC's Gas Based Power Projects (GBPP) at Palatana because of delay in construction of Surajmaninagar S/s. The termination of 2nd ckt of Palatana – Surajmaninagar D/c line at Palatana switchyard could not be completed because TSECL declined to disconnect their 132 kV line to Udaipur from Palatana Generation switchyard. He stated that in the meeting under Chairmanship of Principal Secretary, Govt. of Tripura, it was decided that construction of one no. additional 132 kV line bay at Palatana generating switchyard for connecting 2nd circuit of Palatana – Surajmaninagar 400 D/c line (operating at 132 kV) would be constructed by OTPCL. The same was also agreed in TCC/NERPC meeting of North Eastern Regional Power Committee. It was also informed that at present 160 MW of power is being exported by Tripura to Bangladesh in radial mode through Surajmaninagar (India)-North/South Comila (Bangladesh) link. The 132 kV Palatana – Surajmaninagar S/c line is not N-1 compliant.
4. Member Secretary, NERPC stated that constituents of North Eastern Region were not agreeing for construction of the additional 132 kV bay at Palatana generating switchyard by OTPCL as the cost of additional line bay would increase the cost of generation, and the 2nd line bay would only increase the reliability of power transfer to Bangladesh from Tripura. Hence they were insisting that the 132 bay should be constructed by POWERGRID instead of OTPCL. During meeting it was clarified that the proposal for two 132 kV bays at Palatana generating station was envisaged much before the decision to export power to Bangladesh from Surajmaninagar station of TSECL.

5. In regard to query for timeline to construct the additional 132 kV line bays by OTPCL, representative of OTPCL stated that they would require about 12-15 months to complete the work which includes process of Board Approval, award of contract and construction of bay. He also added that M/s NER-II Transmission Ltd, is executing the project under NERSS-II (Part B) and V through Tariff Based Competitive Bidding. The transmission project interalia includes 2 nos. 400 kV line bays at Palatana GBPP for termination of 400 kV Palatana- Surajmaninagar D/C line. After commissioning of these lines, the 132 kV line bays would become redundant.
6. Chief Engineer (PSPA-II) informed that M/s NER-II Transmission Ltd has proposed for early commissioning of 2 nos. 400 kV line bays at Palatana GBPP and 400/132 kV Surajmaninagar S/s along with associated bays for 400 kV operation of Palatana – Surajmaninagar D/c line by July, 2019 against scheduled commissioning date of July,2020. Even if OTPCL take up 132 kV line bay works, the commissioning of bay would not be completed before October 2018. Hence investment for additional 132kV bay at Palatana is not found to be justified. M/s NER-II Transmission Ltd. could be requested to explore further advancement of the commissioning schedule, if feasible. POWERGRID could be requested to expedite termination works at Palatana generating switchyard as well as Surajmaninagar S/s in matching time frame to operationalize the Palatana-Surajmaninagar D/c line at 400 kV level, which is presently operating at 132 kV.
7. Since Udaipur Substation of TSECL is already interconnected to other sources also, it was suggested to disconnect Udaipur- Palatana 132 kV line from Palatana GBPP. After commissioning of 400 kV line bays at Palatana, the 132 line bays at Palatana may be utilized for power transfer to state of Tripura/ other STUs of North eastern Region.
8. After detailed deliberations following were agreed:
 - (i) M/S NER-II Transmission Ltd. would be requested to explore the possibility of the commissioning of 400/132 kV Surajmaninagar S/s along with bays and associated work for 400 kV operation for Palatana – Surajmaninagar 400 D/c line by Dec 2018. POWERGRID would be requested to expedite their termination works at Palatana generating switchyard as well as Surajmaninagar S/s in matching time frame to operationalize the Palatana-Surajmaninagar D/c line at 400 kV level, which is presently operating at 132 kV.
 - (ii) Since Udaipur substation of TSECL is already interconnected to other power sources, the Udaipur –Palatana would be disconnected from OTPC's Gas Based Power Projects (GBPP) at Palatana for termination of 2nd ckt of Palatana – Surajmaninagar 400 kV D/c line (operating at 132 kV) and to avoid unnecessary investment for construction of third 132 kV bay at Palatana generating switchyard.

The meeting ended with the thanks to Chair.

List of Participants**Annexure-I**

Organization	Name/S/Shri	Designation
CEA	P S Mhaske	Member (PS)
CEA	S K Ray Mohapatra	Chief Engineer (PSPA-II)
CEA	Ravinder Gupta	Chief Engineer (PSPA-I)
CEA	Rishika Sharan	Director (PSPA-II)
CEA	Satyendra kr. Dotan	Dy. Director (PSPA-II)
CEA	Suyash Ayush Verma	Assistant Director (PSPA-II)
NERPC	P K Mishra	Member Secretary
POWERGRID	Ashok Pal	GM (CTU-Plg)
OTPC	Mayank Shekhar	EA to MD
OTPC	Arup Ch. Sarmah	GM (Comm.)
OTPC	Shree Narayan	GM (Engg.)

