



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत प्रणाली परियोजना प्रबोधन प्रभाग
Power System Project Monitoring Division

सेवा में/ To,

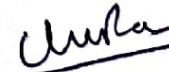
(संलग्न सूची के अनुसार)

विषय/Subject: Minutes of Meeting regarding construction of inter-connecting elements / bays for commissioning of transmission scheme "Transmission System for NER System Strengthening Scheme-II (Part-B) and V" being implement by NER II Transmission Limited (NTL) under TBCB route held on 10.08.2020 through video conferencing - Regarding.

महोदय/Sir,

A Meeting regarding construction of inter-connecting elements / bays for commissioning of transmission scheme "Transmission System for NER System Strengthening Scheme-II (Part-B) and V" being implement by NER II Transmission Limited (NTL) under TBCB route held on 10.08.2020 through video conferencing. Minutes of the meeting is enclosed at the Annexure.

भवदीय,


19/8/20

(U.M.Rao Bhogi)

Director

Phone NO. 011-26732332

Encl: as above.

प्रति मूचनार्थ/आवश्यक कार्रवाई हेतु:

1. Director(Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi – 110001
2. PPS to Member(PS), CEA

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पते की सूची:

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Sl. No.	Organization	Address	Tele/Fax No./email
1	PGCIL	Chairman & Managing Director, Power Grid Corporation of India Ltd., SAUDAMINI, Plot No.2, Sector29, Gurgaon, Haryana-122001,	Ph. 0124- 2571800/2571900 (O) Email: ksreekant@powergridindia.com ; basarma@powergridindia.com ; cmd@powergridindia.com ;
2	Sterlite Power	Head - Corporate Affairs & Business Devpt. Sterlite Grid Limited The Mira Corporate Suite, Plot No. 1 & 2, C Block, 2nd Floor, Ishwar Nagar, Mathura Road, New Delhi 110 065	Ph. : 49962200 (O), 9310490976 (M) Email: tan.reddy@sterlite.com ;

Annexure

Minutes of Meeting regarding construction of inter-connecting elements / bays for commissioning of transmission scheme “Transmission System for NER System Strengthening Scheme-II (Part-B) and V” being implement by NER II Transmission Limited (NTL) under TBCB route held on 10.08.2020 through video conferencing.

1. List of Participants is enclosed as **Annexure-I**
2. Chief Engineer (PSPM), CEA welcomed all the participants and stated that COVID-19 /lockdown has affected progress of transmission projects badly. Therefore, all Transmission Utilities have to put additional efforts to meet the annual targets for 2020-21.
3. Director (PSPM), CEA informed that the transmission scheme “NER System Strengthening Scheme-II (Part-B) and V” had been awarded to Sterlite Power under Tariff Based Competitive Bidding (TBCB) route and the following are details of the project:

Scope of Transmission project

- 1.1.1) Establishment of 400/132 kV, 7x105MVA single phase (including one spare) S/s at Surajmaninagar
- 1.1.2) Establishment of 400/132 kV, 7x105 MVA Single phase (including one spare) S/s at P.K. Bari.
- 1.1.3) Surajmaninagar - P. K. Bari 400 kV D/c line (Twin ACSR Moose)
- 1.1.4) AGTPP (NEEPCO) – P.K. Bari (TSECL) 132 kV D/c line
- 1.1.5) Biswanath Chariyalli (POWERGRID) – Itanagar 132kV D/c (Zebra conductor) line
- 1.1.6) Silchar (POWERGRID) – Misa (POWERGRID) 400kV D/c (Quad) line.
- 1.1.7) LILO of one circuit of Biswanath Chariyalli (POWERGRID) – Itanagar 132kV D/c (Zebra conductor) line at Gohpur (AEGCL)

8) Line Bays:

- a. 2 no. 132 kV line bays for termination of AGTPP (NEEPCO) – P.K. Bari (TSECL) 132kV D/c line at AGTPP (NEEPCO) Switchyard:
- b. 2 no. 132 kV line bays for termination of AGTPP (NEEPCO) – P.K. Bari (TSECL) 132kV D/c line at P.K. Bari (TSECL) S/s:

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- c. 2 nos. 132kV line bays for termination of Biswanath Chariyalli (POWERGRID) – Itanagar 132kV D/c (Zebra conductor) line at Itanagar S/s (Ar. Pradesh)
- d. 2 no. 400 kV line bays at Palatana GBPP switchyard for termination of Palatana - Surajmaninagar 400kV D/c line.

General details:

Special Purpose Vehicle	:	NER II Transmission Limited (Sterlite Grid 4 Limited; a subsidiary of Sterlite Power Transmission Limited)
Bid Process Coordinator	:	Rural Electrification Corporation
Estimated Cost (Rs. crs)	:	2471
Levellised Tariff (Rs. Crs)	:	431.653
Request for Qualification	:	29.12.2015
Request for Proposal	:	18.01.2017
Letter of Intent	:	22.02.2017
Transmission Service Agreement (TSA)	:	27.12.2016
SPV acquisition	:	31.03.2017
Transmission License by CERC	:	20.06.2017
Tariff adoption by CERC	:	12.06.2017
Contract Performance Guarantee	:	27.03.2017
Clearance u/s 164	:	31.08.2018
Execution plan submitted to CEA	:	24.07.2017
Scheduled Date of Completion	:	Nov 2020

4. Chief Engineer (PSPM), CEA enquired about the progress of the above mentioned scheme. In this regard, Representative of M/s NTL informed the following:
- a. Representative of NTL informed that NTL is in advance stage of execution of all elements. For overall system utilization and power evacuation, readiness of upstream & downstream elements matching their completion schedule is required.
- b. The element wise progress has been submitted by the representative of NTL which is as below:
- i. **2x315 MVA, 400/132 kV S/S at Surajmaninagar**
- Civil work completed :77%
Equipment supplied :100%
Equipment erection: 74%
Anticipated COD: Sept'20

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ii. **2x315 MVA, 400/132 kV S/S at P.K. Bari**

Civil work completed :78%
 Equipment supplied :100%
 Equipment erection: 75%
 Anticipated COD: Sept'20

iii. **Surajmaninagar - P. K. Bari 400 kV D/C line**

Length : 154.212 ckm
 Locations : 209 nos
 Foundation completed : 205 nos
 Tower erected : 189 nos
 Stringing completed : 93 ckm
 Anticipated COD : Sept'20

iv. **AGTPP (NEEPCO) – P.K. Bari (TSECL) 132 kV D/c line**

Length : 166.85 ckm
 Locations : 236 nos.
 Foundation completed : 235 nos
 Tower erected : 220 nos
 Stringing completed : 110 ckm
 Anticipated COD : Sept'20

v. **Silchar (PG) – Misa (PG) 400kV D/c (Q) line**

Length : 356.56 ckm
 Locations : 487 nos
 Foundation completed : 480 nos
 Tower erected : 418 nos
 Stringing completed : 206 Ckm
 Anticipated COD : End of Nov'20

vi. **Biswanath Chariyalli (PG) – Itanagar 132kV D/c (Zebra) line**

Length : 133.64 ckm
 Locations : 211 nos
 Foundation completed : 163 nos
 Tower erected : 151 nos
 Stringing completed : 75 ckm
 Anticipated COD : Dec'20

Representative of NTL informed that the Civil Aviation approval for Hollongi airport is pending since long and will request CEA soon in writing for support and intervention for early approval.

vii. **LILO of one circuit of Biswanath Chariyalli (PG)) – Itanagar 132kV D/C (Zebra) line at Gohpur (AEGCL)**

Length : 16.97 ckm
 Locations : 30 nos.
 Foundation completed : 28 nos.
 Tower erected : 13 nos
 Stringing completed : 0 ckm
 Anticipated COD : Dec'20

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- viii. The construction work of 132kV line bays at AGTPP (NEEPCO), P.K. Bari and Itanagar has been completed and the same has been applied for Electrical Inspection on 12-11-2019, 12-11-2019 and 07-04-2020 respectively.

Representative of NTL informed that the construction work is going on full swing and they are expecting to commission it within the timelines mentioned above.

5. Replying to the query raised by Chief Engineer (PSPM), regarding RoW issues of Surajmaninagar - P. K. Bari 400 kV D/C line and Silchar (PG) – Misa (PG) 400kV D/c (Q) line, which were earlier reported to PSPM Division CEA, representative of M/s NTL stated that these RoW issues were resolved.
6. Chief Engineer (PSPM), CEA enquired about the progress of interconnecting elements of PGCIL related to this scheme. In this regard, Representative of PGCIL updated the progress status of its elements, which is given in **Annexure-II**.
7. Chief Engineer (PSPM), CEA requested PGCIL for carrying out the above works with matching timeframe of completion with NTL works for proper utilization of transmission system.
8. In the meeting, MoP letter regarding 5 months extension for the projects which are scheduled to be commissioned beyond March 2020 was also discussed.
9. Chief Engineer (PSPM), CEA stated that as per CERC orders dated 04-01-2017 and 21-09-2016 in petition no. 155/MP/2016 and 43/MP/2016 respectively; the defaulting party has to pay the transmission charges to Transmission Service Provider (TSP) for the defaulting period.

After detailed discussion, the following were agreed:

1. PGCIL has to make efforts to match the construction schedule of Silchar and Misa Bays with the associated transmission line schedule.
2. The completion of either Silchar – P.K. Bari line or Palatana – Surajmani Nagar line is very crucial for power flow and optimum utilization of system. Hence, the construction work has to be expedited and tried to be completed in matching timeframe with NTL associated elements. The Construction and commissioning planning has to be submitted by PGCIL to CEA.

Meeting ended with vote of thanks to the chair.

Annexure-I**List of Participants****CEA**

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|--------------------------|---------------------------|
| 1. SHRI V. K. SINGH | CHIEF ENGINEER (PSPM) |
| 2. SHRI U.M. RAO BHOGI | DIRECTOR (PSPM) |
| 3. SHRI R.K. MEENA | DEPUTY DIRECTOR (PSPM) |
| 4. SHRI RAJESH | ASSISTANT DIRECTOR (PSPM) |
| 5. SHRI YADAV MANOJKUMAR | ASSISTANT DIRECTOR (PSPM) |

POWERGRID

- | | |
|---------------------|------------------|
| 1. B. ANANTHA SARMA | ED (CMG) |
| 2. R. K. TYAGI | CH. GM I/C (NER) |
| 3. ANOOP SINGH | CH. GM (CMG) |
| 4. PRANJIT DEKA | SR. GM (NER) |

STERLITE POWER

- | | |
|---------------------|----------------------------------|
| 1. T.A.N. REDDY | CHIEF - BUSINESS & REGULATORY |
| 2. ARUN SHARMA | CHIEF OPERATING OFFICER |
| 3. RAJESH SURI | SENIOR VP - DESIGN & ENGINEERING |
| 4. ANKIT BHARDWAJ | PROJECT DIRECTOR |
| 5. ANKUR VASHISHTHA | PROJECT DIRECTOR |
| 6. SANDIP MAITY | AVP - DESIGN & ENGINEERING |
| 7. B.K. SINGH | PROJECT DIRECTOR |
| 8. ROHIT GERA | MANAGER |

ANNEXURE-II

STATUS OF POWERGRID's BAY WORK ASSOCIATED WITH TBCB in NER as on 10.08.20

Sl. No.	Project Name	Transmission line under TBCB	TBCB Company	TBCB Line Schedule as per TSA	POWERGRID Scope associated with TBCB	Anticipated / Actual Completion	Status
1	NORTH EASTERN REGION SYSTEM STRENGTHENING SCHEME – II (Part-B)	400 kV D/c Silchar – Misa line	Sterlite	Nov-20	2 nos. 400 kV Line bays at Silchar GIS	Nov-20	<ul style="list-style-type: none"> Equipment Supply completed. Erection work in progress. OEM expert from China is required for commissioning of GIS from 1st Sep'20. Best effort shall be made to commission the substation by Nov-20.
					2 nos. 400 kV Line bays at Misa GIS	Nov-20	
		132 kV D/c Itanagar – Biswanath Chariyali line		Mar-20	2 nos. 132 kV Line bays at BNC S/s	Jun-20	
2	NORTH EASTERN REGION SYSTEM STRENGTHENING SCHEME – V	400 kV D/c PK Bari - Surajmaninagar line	Sterlite	Jul-20	2 nos. 400 kV Line bays at Silchar GIS	Jul-20	<ul style="list-style-type: none"> Bay extension completed and Charged on 17.07.20. <p>Palatana end:</p> <ul style="list-style-type: none"> Work in progress & expected to be completed by Sep-20. <p>Surajmaninagar end:</p> <ul style="list-style-type: none"> Scope changed in the 1st meeting of NERPC (TP)/2nd meeting of NERSCT held on 08.11.2019 after SPV transfer in Mar'17. Tendering for revised scope is in progress and expected to be awarded by Aug-20. 6-8 months from award shall be required to complete the work. Alternate evacuation arrangement being made by Sterlite. <p>Silchar end:</p> <ul style="list-style-type: none"> Work in progress & expected to be completed by Sep-20. <p>P. K. Bari end:</p> <ul style="list-style-type: none"> Work in progress & expected to be completed by Dec-20 within the period of 5 months notified by Govt. of India. However effort shall be made to complete the work earlier.
					Shifting of Palatana – Surajmaninagar (TSECL) 400kV D/c line (op. at 132kV) to the 400/132kV ISTS S/s at Surajmaninagar so as to form Palatana-Surajmaninagar (ISTS) 400 kV D/C	Sep-20	
					Additional 400 kV D/c line at both end for up-gradation of Silchar-PK Bari line from 132 kV to 400 kV	Sep-20	