

I/6869/2019



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,

(संलग्न सूची के अनुसार)

**विषय : Minutes of Meeting taken by Chief Engineer (PSPM), CEA on 27.08.2019 at CEA, New Delhi to review the progress of transmission projects awarded to M/s PGCIL through TBCB route.**

महोदय,

Minutes of Meeting taken by Chief Engineer (PSPM), CEA on 27.08.2019 at CEA, New Delhi to review the progress of transmission projects awarded to M/s PGCIL through TBCB route is enclosed at the Annexure.

संलग्नक:उपरोक्त।

भवदीय,

Signature Not Verified  
Digitally signed by SANJAY  
JAIN  
Date: 2019.09.18 11:19:52 IST

(संजय जैन)

निदेशक

प्रति सूचनार्थ/आवश्यक कार्रवाई हेतु:

1. प्रधान निजी सचिव, सदस्य(विद्युत प्रणाली), केविप्रा

I/6869/2019के की सूची:

Sl. No.	Organization	Address	Tele/Fax No./email
1.	PGCIL	CMD Power Grid Corporation of India Ltd. Saudamini, Plot No.2, Sector 29, Near IFFCO Chowk, Gurgaon (Haryana) - 122001, INDIA	Ph.: 0124-2571760, FAX: 0124- 2571762 Email: cmd@powergridindia.com
2.	PGCIL	Executive Director (CMG), Power Grid Corporation of India Ltd. Saudamini, Plot No.2, Sector 29, Near IFFCO Chowk, Gurgaon (Haryana) - 122001, INDIA	Ph: 0124 2571700-719 Fax:951242571760/2571945/25 71932 ( <a href="mailto:prpati@powergridindia.com">prpati@powergridindia.com</a> 9910377994) ( <a href="mailto:ajaiiku@hotmail.com">ajaiiku@hotmail.com</a> 9910999164)
3.	PGCIL	Executive Director (TBCB), Power Grid Corporation of India Ltd. Saudamini, Plot No.2, Sector 29, Near IFFCO Chowk, Gurgaon (Haryana) - 122001, INDIA	(Sh A.K Singhal, ED, TBCB, 9910378013, singhal@powergridindia.com) (Mrs. Poonam Varshney, AGM, 9910377991, poonam@powergridindia.com)

**Minutes of Meeting taken by Chief Engineer (PSPM), CEA on 27.08.2019 at CEA, New Delhi to review the construction progress of transmission projects awarded to PGCIL through TBCB route.**

List of participants are enclosed at **Annexure – I**.

At the outset, Chief Engineer (PSPM), CEA welcomed all participants and stated that the meeting has been called to review the construction progress of four transmission projects being executed by subsidiaries of PGCIL awarded through TBCB process and the transmission elements (like bays/reactors etc) being implemented by PGCIL, linked to TBCB Projects of other Transmission Licensees. The progress and constraint in execution of Transmission Schemes being implemented by four Transmission licensees [Powergrid Southern Interconnector Transmission System Ltd., Powergrid Medinipur-Jeerat Transmission Limited, ERSS XXI Transmission Limited and Powergrid WR-NR Power Transmission Limited] through TBCB route were discussed. Brief of discussion held with representative of PGCIL during the meeting is as under:

**1) Transmission scheme: Strengthening of Transmission System beyond Vemagiri, being implemented by Powergrid Southern Interconnector Transmission System Limited**

Six (6) out of seven (7) transmission elements have been commissioned. The last element (i.e.) Vemagiri-Chilakaluripeta 765 kV D/C line was scheduled for commissioning in Apr'19, but completion got affected as severe RoW issue is being faced in Krishna District (28 locations) in Nandigram & the work has been stopped since Feb'17. The project is under review by PRAGATI of Prime Minister's office (PMO) and meeting is expected shortly.

**2) Transmission scheme: Eastern Region Strengthening Scheme-XVIII (ERSS-XVIII), being implemented by Powergrid Medinipur-Jeerat Transmission Limited**

The scheme comprises of 2 nos. 765kV & 2 nos. 400kV transmission lines and 2 nos. 765/400kV Substations with schedule completion date as Jul'20. The construction work is in progress for all transmission elements. In Jeerat (New) – Subhasgram 400kV D/C line, severe RoW is being faced and the work is being taken up with the help of administrative support.

**3) Transmission scheme: Eastern Region Strengthening Scheme (ERSS) XXI, being implemented by ERSS XXI Transmission Limited**

The scheme comprises of 4 nos. 400kV transmission lines and 2 nos. 400/220 kV Substations with schedule completion date as Mar'21. The progress of work in respect of most of the elements has been affected due to recent heavy rain & floods.

4) **New WR-NR 765 kV Inter- Regional Corridor, being implemented by Powergrid WR-NR Power Transmission Limited**

The scheme comprises of one 765kV transmission line with schedule of completion date as Jul'21. The work of transmission line is under progress.

The element wise status of physical progress for all above mentioned schemes is attached at **Annexure-II**.

Chief Engineer (PSPM), CEA enquired about the status of physical progress of bays / elements, being implemented by PGCIL, linked to TBCB projects of other transmission licensees. PGCIL representative informed that the same shall be communicated separately through e-mail shortly.

Meeting ended with thanks to chair.

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**List of Participants**

**CEA**

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|---------------------------|---------------------------|
| 1. SHRI S.K.RAY MOHAPATRA | CHIEF ENGINEER (PSPM)     |
| 2. SHRI SANJAY JAIN       | DIRECTOR (PSPM)           |
| 3. SHRI AJITESH KUMAR     | DEPUTY DIRECTOR (PSPM)    |
| 4. SHRI R.K. TIWARI       | DEPUTY DIRECTOR (PSPM)    |
| 5. SHRI DHANESH KUMAR     | ASSISTANT DIRECTOR (PSPM) |
| 6. SHRI YADAV MANOJ KUMAR | ASSISTANT DIRECTOR (PSPM) |
| 7. NISHANT CHOHLA         | ASSISTANT DIRECTOR (PSPM) |

**PGCIL**

- |                     |        |
|---------------------|--------|
| 1. POONAM VARSHANEY | Sr. GM |
|---------------------|--------|

**Status of ongoing TBCB projects as on 26.08.2019****1. PSITSL (Beyond Vemagiri)**

External completion date: Apr'19

**765kV D/C Vemagiri-Chilakaluripeta**

M/s KPTL

Activity	Unit	Tot Qty.	L2	Actual till date	Bal.	Gang	Last 3 month progress		
							Jun'19	Jul'19	Aug'18
Foundation	Nos.	748	748	720	<b>28</b>		NIL		
Tower Erection	Nos.	748	748	690	<b>58</b>				
Stringing FS	Km	279.4	279.4	239.4	<b>40</b>				

- *Foundation:* RoW in 28 locations.
- *Tower Erection:* RoW in 31 locations.
- *Stringing:* RoW in 40 km (Nandigama section).

Works in Krishna district (28 locs) in Nandigama Mandal is stopped since Feb'17.

✓ **To be reviewed by Hon'ble Prime Minister in the next PRAGATI meeting.****765kV D/C Chilakaluripeta-Cuddapah Line**

M/s KEC

Line Length: 288.3 Km Locations: 768 Nos.

- *Line charged on 29.07.19 & completed trial operation on 30.07.19.*

**400 kV (Quad Moose) D/C Cuddapah-Madhugiri Line**

M/s L&amp;T

Line Length: 243 Km Locations: 650 Nos.

- *Line commissioned on 26.02.2019.*

**400 kV (Quad Moose) D/C Srikakulam-Garividi Line**

M/s TATA

Line length: 144 Km Locations: 393 Nos.

- *Line commissioned on 06.08.2018.*

**400 kV (Quad Moose) D/C Chikaluripeta-Narasaraopeta Line**

M/s TATA

Line length: 29.8 Km Locations: 81 Nos.

- *Line commissioned w.e.f. 31.07.19.*

**765/400 KV Chilakaluripeta Sub-Station**

M/s GE T&amp;D INDIA LTD

- *765/400kV substation at Chilakaluripeta along with all bays and Equipment charged on 29.03.2019 & 30.03.2019 and completed trial operation on 31.03.2019.*

**Bay Extn.at 400KV Narsaraopeta Sub-Station**

M/s GE T&amp;D INDIA LTD

- *2 nos. 400kV Line Bays associated with Chilakaluripeta – Narasaraopeta Line are declared under Commercial Operation w.e.f. 31.07.19.*

**2. POWERGRID Medinipur-Jeerat Transmission Limited (ERSS-18 Package)**

Ext. Completion: July'20

M/s L&amp;T

**Ranchi – Medinipur 765 kV D/C line**

Activity	Unit	Total Qty.	L2 (Aug'19)	Actual	Bal.
Foundation	Nos.	717	717	691	26
T. Erection	Nos.	717	717	671	46
Stringing	Km	269	269	212.7	56.3

**LILO of both circuits of Chandithala – Kharagpur 400 kV D/C line at Medinipur**

Activity	Unit	Total Qty.	L2 (Aug'19)	Actual	Bal.
Foundation	Nos.	199	199	190 (WIP-2)	9
Tower Erection	Nos.	199	199	177 (WIP-4)	22
Stringing	Km	74	74	52.3 (WIP- 5.2)	21.7

**Medinipur – Jeerat 765 kV D/C line**

Activity	Unit	Total Qty.	L2 (Aug'19)	Actual till date	Bal.
Foundation	Nos.	459	459	413	46
<i>Pile Foundation</i>	<i>Nos.</i>	2	2	1	1
Tower Erection	Nos.	461	461	329	132
Stringing	Km	169	139	59.1	109.9

**Jeerat (New) – Jeerat (WBSETCL) 400 kV D/C line**

Activity	Unit	Total Qty.	L2 (Aug'19)	Actual	Bal.
Foundation	Nos.	81	81	70 (WIP-1)	11
Tower Erection	Nos.	81	81	64 (WIP-1)	17
Stringing	Km	25.3	19	8.6	16.7

**Jeerat (New) – Subhashgram 400 kV D/C line**

Activity	Unit	Total Qty.	L2 (Aug'19)	Actual	Balance
<b>Foundation</b>	Nos.	304	304	98 (WIP-3)	206
<b>T. Erection</b>	Nos.	304	304	24	280

<b>Stringing</b>	Km	106.7	85	0	<b>106.7</b>
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**765/400 kV Substation at Medinipur**

M/s BHEL

Work under progress. Civil works- 75%      Supply- 80%      Erection- 30%

**765/400 kV Substation at Jeerat**

M/s BHEL

Work under progress. Civil works- 20%      Supply- 50%

**3. POWERGRID Mithilanchal Transmission Limited (ERSS-21 Package)**

*External Completion date: Mar'21*

**400kV D/C Darbhanga – Sitamarhi (New) line**

Activity	Unit	Total Qty.	L2 Aug'19	Actual	Balance
Foundation	Nos.	221	221	<b>184</b>	37
T. Erection	Nos.	221	133	<b>122</b>	99
Stringing	Km	80.5	45	<b>20.7</b>	59.8

- Progress NIL due to rain & flood. Gangs demobilized.

**400kV D/C Sitamarhi (New) – Motihari line**

Activity	Unit	Total Qty.	L2 Aug'19	Actual	Bal.
Foundation	Nos.	225	225	<b>189</b>	36
<i>Pile Foundation</i>	Nos.	4	4	0	4
Tower Erection	Nos.	229	202	<b>117</b>	112
Stringing	Km	85.3	65	<b>24.2</b>	61.1

- Progress NIL due to rain & flood. Gang demobilized.

**400kV D/C LILO of both ckts. of Nabinagar-II-Gaya line at Chandauti (New)**

Activity	Unit	Total Qty.	L2 Aug'19	Actual	Bal.
Foundation	Nos.	9	9	<b>4</b>	5
Tower Erection	Nos.	9	9	0	9
Stringing	Km	2.2	2.2	0	2.2

**400kV D/C LILO of Kishanganj – Patna line at Saharsa**

Activity	Unit	Total Qty.	L2 Aug'19	Actual	Bal.
Foundation	Nos.	211	211	<b>118</b>	93
Tower Erection	Nos.	211	145	<b>76</b>	135



Stringing	Km	74.8	46	0	74.8
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- Progress affected due to rain & flood.

### Substation Progress:

#### (A) Chandauti & Saharsa

M/s ABB

Chandauti- Civil works: 45% Supply: 30% Erection: 10%

Saharsa- Civil works: 5% (Work held up due to rains.)

#### (B) Sitamarhi, Motihari & Darbhanga

M/s KEC

Sitamarhi- Civil works: 10% (Work held up due to rains.)

Motihari & Darbhanga Extn.- Work under progress

## 4. POWERGRID Varanasi Transmission System Limited (PVTSL)

Ext. Sch. July'21

### 765 KV D/C Vindhyachal – Varanasi Line

Activity	Unit	Total Qty.	L2 Aug'19	Actual	Bal.
Foundation	Nos.	521	445	315	206
T. Erection	Nos.	521	317	202	319
Stringing	Km	189	80	3.75	185.2