



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

सं.: केविप्रा/पीएस/पीएसपीएम/7/7/2017 112-152

दिनांक: 27.12.2017
24/1/18

सेवा में,
(संलग्न सूची के अनुसार)

विषय: महत्वपूर्ण सरंचन प्रोजेक्ट्स के प्रगति की समिक्षा करने के लिए सदस्य (विद्युत प्रणाली) द्वारा 06.12.2017 को ली गई बैठक का कार्यवृत्त ।

महोदय,
महत्वपूर्ण सरंचन प्रोजेक्ट्स के प्रगति की समिक्षा करने के लिए सदस्य (विद्युत प्रणाली) द्वारा 06.12.2017 को ली गई बैठक का कार्यवृत्त संलग्न है ।

संलग्नक : यथोपरी ।

भवदीय,

(बी.के. आर्या)
मुख्य अभियंता

11050

प्रति सूचनार्थ:

1. संयुक्त सचिव (पारेषण), विद्युत मंत्रालय, श्रम शक्ति भवन, रफ़ी मार्ग, नई दिल्ली
2. सदस्य (विद्युत प्रणाली), केविप्रा के प्रधान निजी सचि।

Annexure

Minutes of meeting taken by Member (PS), CEA on 06.12.2017 to review the progress of Critical Transmission Projects of Northern Region and Eastern Region

List of participants is enclosed at Annexure-I.

Member (PS), CEA welcomed the participants and expressed his concern on delay in completion of transmission projects in Northern region & Eastern region which are severely affecting power evacuation from generation projects as well as NR/ER grid stability. He stated that these critical transmission projects are needed to be completed at the earliest. He requested Chief Engineer(PSPM) to take up the agenda. The details of discussion of meeting are given as below:

(A) Critical transmission projects in Northern Region

1. Dulhasti HEP- Kishenpur 400 kV S/C on D/C line

This line is being constructed for evacuation of power from Dulhasti HEP by PGCIL and progress of line as under;

Length	:	115 Ckm
Total tower locations	:	340 nos.
Foundation completed	:	340 nos.
Tower erected	:	338 nos.
Stringing completed	:	112 Ckm

Representative of PGCIL informed that progress of line affected due to severe ROW problem in Doda Distt. and construction work is progressing with the police protection. Line is expected to complete by Dec, 2017. Member(PS), advised PGCIL representative to ensure completion at the earliest to meet the N-1 contingency.

2(a) Kishenganga – Amargarh(JKPDD) 220 kV D/C Line

This line is being constructed for evacuation of power from Kishanganga HEP by PGCIL and progress of line is as under;

Length	:	85 Ckm
Total tower locations	:	150 nos.
Foundation completed	:	141 nos.
Tower erected	:	127 nos.
Stringing completed	:	32 Ckm

Representative of PGCIL informed that progress of line was affected due to severe RoW issues and slow progress of private negotiation committee(PNC) meeting. He further stated that one location in Baramulla Distt. is still pending for PNC. PGCIL stated that line is anticipated to be ready by January, 2018. Member(PS) stated that PGCIL may ensure that line would be completed matching with commissioning of generation project to avoid bottleneck of power evacuation. He also advised to augment existing manpower by deploying additional manpower for completing balance foundation, tower erection and stringing. PGCIL agreed to deploy additional gangs.

2(b) Kishenganga – Wagoora 220 kV D/C Line

This line is being constructed for evacuation of power from Kishanganga HEP and PGCIL submitted progress of line as under;

Length	:	308 Ckm
Total tower locations	:	397 nos.
Foundation completed	:	161 nos.
Tower erected	:	127 nos.
Stringing completed	:	32 Ckm

Representative of PGCIL informed that progress of line was affected due to severe RoW issues and slow progress of PNC meeting. He further stated that 23 nos. of location are still pending for PNC. Member(PS), CEA advised PGCIL to expedite the matter so that line may be completed by March, 2018.

3. Phagi - Ajmer 400 kV D/C line

It was noted that no representative from RVPNL attended the meeting. The progress submitted by RVPNL was as under;

Length	:	212 Ckm
Total tower locations	:	284 nos.
Foundation completed	:	284 nos.
Tower erected	:	284 nos.
Stringing completed	:	194.4 Ckm

Member(PS), CEA expressed his concern on absence of RVPNL representative. It was noted that this line is very critical from operation point of view as Phagi – Bassi 400 Kv line is getting over loaded in the rage of 900-950 MW due to delay of Phagi – Ajmer line and this line is needed at the earliest.

4(a) Suratgarh TPS- Bikaner 400kV D/C line

No representative from RVPNL attended the meeting. The progress submitted by RVPNL is as under;

Length	:	280 Ckm
Total tower locations	:	351 nos.
Foundation completed	:	341 nos.
Tower erected	:	323 nos.
Stringing completed	:	173.7 Ckm

4(b) Suratgarh TPS – Babai(Jhunjhunu) 400kV D/C line

No representative from RVPNL attended the meeting. The progress submitted by RVPNL is as under;

Length	:	490.6 Ckm
Total tower locations	:	676 nos.

Foundation completed	:	676 nos.
Tower erected	:	669 nos.
Stringing completed	:	366.6 Ckm

4(c) 2x315MVA, 400/220 kV Substation at Babai

No representative from RVPNL attended the meeting. The progress submitted by RVPNL is as under;

Land acquisition	:	100 %
Civil work completed	:	100%
Equipment received	:	90%
Equipment erected	:	94%

It was noted that both the 400 kV lines and Babai s/s are required for evacuation of power from Suratgarh TPS(Extn) and first unit of Suratgarh TPS(Extn) is expected to commission by Mar 18 and both 400 kV line alongwith Babai S/s is needed before Mar'18 for power evacuation.

5 Anpara-D –Unnao 765kV S/C line

This line is being constructed for evacuation of power from Anpara-D TPS and UPPTCL representative submitted progress of 765 KV line as under;

Length	:	426.2 Ckm
Total tower locations	:	1225 nos.
Foundation completed	:	1162 nos.
Tower erected	:	1103 nos.
Stringing completed	:	343 Ckm

Representative of UPPTCL informed that Construction work of line was awarded in two sections i.e Anpara D- Jhusi section (187km) and Jhusi - Unnao section (239km) to M/s Jyoti Structures Ltd., Mumbai and M/s Gammon India Ltd., Nagpur respectively in year 2010. Anpara D- Jhusi section was passing through Kaimur Wild Life Sanctuary and its forest clearance got delayed. The poor financial condition of M/s Jyoti Structures Ltd had also caused considerable delay in completion of Section-I of line. Necessary approval for construction in Kaimur Forest range area was obtained in Mar-16 after intervention of CEA. The issue of financial health of M/s Jyoti Structures Ltd has been recently sorted out by an understanding with banks to channelize the project funds towards construction work only. The RoW issues in this section also affected progress. UPPTCL representative stated that construction of section-I of line is now progressing smoothly and this section is expected to complete by March'18.

Representative of UPPTCL further, informed that Section-II of line i.e Jhusi - Unnao section has already been completed in July'17. Member(PS), CEA advised UPPTCL representative to expedite the construction of line.

6 Bara TPS-Mainpuri 765kV S/C line-I.

This line is being constructed for evacuation of power from Prayagraj(Bara) TPS and awarded to SEUPPTCL through TBCB route by GoUP. SEUPPTCL representative submitted progress as under;

Length	:	378 Ckm
Total tower locations	:	903 nos.
Foundation completed	:	613 nos.
Tower erected	:	346 nos.
Stringing completed	:	0 Ckm

Representative of UPPTCL informed that currently progress of line is completely standstill due to poor financial health of M/s SEUPPTCL. He informed that the matter was discussed at highest levels of Govt. The process of evaluation of completed works of line and takeover by UPPTCL is being considered as an option to take up the remaining work of transmission project. The matter is under active consideration of GoUP. Member(PS), CEA advised UPPTCL representative to resolve the issue at the earliest as this line is required for full power evacuation from generation project.

7 Unnao – Mainpuri (Quad) 765 kV S/C Line

This line is covered under transmission system associated with Prayagraj(Bara) TPS for power evacuation and awarded to SEUPPTCL through TBCB route by GoUP. SEUPPTCL submitted progress as under;

Length	:	188 Ckm
Total tower locations	:	450 nos.
Foundation completed	:	380 nos.
Tower erected	:	274 nos.
Stringing completed	:	0 Ckm

Representative of UPPTCL informed that currently progress of line completely standstill due to poor financial health of M/s SEUPPTCL and the matter has been discussed at highest levels of Govt. The process of evaluation of completed works of line and takeover by UPPTCL is being considered as an option to take up the remaining work of the project. The matter is under active consideration of GoUP. Member(PS), CEA advised UPPTCL representative to resolve the issue at the earliest as this line is required for further transmission of power to load center and this line would also help in evacuating power from generation projects in Anpara complex.

8 2x1500 MVA, 765/400k Gr. Noida(UP) S/s

This project had been awarded to WUPPTCL through TBCB route by GoUP and WUPPTCL submitted progress as under:

Land acquisition	:	100 %
Civil work completed	:	100%
Equipment received	:	100%
Equipment erected	:	100%

Representative of WUPPTCL informed that Gr. Noida 765 KV sub-station has already been commissioned through Noida(UP) – Noida(WUPPTCL) 400kV D/C line. He further stated that one circuit of 400 kV D/C line has been charged whereas second circuit could not be charged as its termination at Noida (UP) is yet to be completed. UPPTCL is yet to complete terminal bay at Noida (UP) 400 kV sub-station. He informed that construction of 400 KV Gr. Noida-Noida sector 148 D/C line has been completed but Noida sector148 sub-station is yet to be completed by UPPTCL.

UPPTCL representative stated that 400/220 kV Noida sector-148 substation is being constructed as a deposit work of Noida Authority and there are fund crises from Noida Authority. He informed that alternative funding mechanism is being worked out as Noida Authority has withdrawn financial support. The 220 kV site of S/s has been completed and 400 kV site of S/s is expected to be completed by June,2018. Member(PS), CEA advised UPPTL to complete terminal bays at Gr. Noida(UP) 400 kV S/s at the earliest to terminate second circuit of 400 kV D/C line of WUPPTCL and reducing over loading of Dadri – Gr. Noida section.

(B) Critical transmission projects in Eastern Region

1 Rajarhat – Purnea 400 kV D/C line

PGCIL representative submitted progress as under;

Length	:	852 Ckm
Total tower locations	:	1219 nos.
Foundation completed	:	1175 nos.
Tower erected	:	1134 nos.
Stringing complete	:	660 Ckm
Expected date of commissioning	:	March' 18

Representative of PGCIL informed that work has been stopped since Dec'16/Jan'17 due to blockage created by local political group. PGCIL informed that they are seeking distt. administration help to resolve issues and as soon as the situation gets normalized, the work would restart.

2 New Nabi Nagar- Gaya 400 kV D/C

This line is being constructed by PGCIL for evacuation of power from Nabi nagar TPS and progress is as under;

Length	:	189 Ckm
Total tower locations	:	245 nos.
Foundation completed	:	245 nos.
Tower erected	:	244 nos.
Stringing completed	:	130 Ckm

PGCIL stated that transmission line would be completed by January' 18. Member(PS), CEA stated that PGCIL may ensure that line may not slip as this line is required for evacuation of power from Nabi Nagar TPS which is expected by Feb,2018.

3(a) & 3 (b) North Karanpura – Chandwa 400 kV D/C & North Karanpura – Gaya 400 kV D/C line

NKTL representative informed that both lines are being constructed for evacuation of power from North Karanpura STPS of NTPC awarded to NKTL through TBCB route. The construction of both 400 kV D/C lines is yet to start as CCL has not issued NOC to the revised route of 400 kV lines. He requested CEA to take up matter with CCL/MoC to expedite the NOC as few months are available to complete North Karanpura- Chandwa line require for start-up power by June'2018. CE(PSPM) informed that we have already written to CMD(CCL) and Joint Secretary(MoC) to

expedite the NOC. Member(PS), CEA advised CE(PSP&P-II) to call a meeting with CTU to discuss the interim arrangement for drawl of start-up power as well as evacuation of power till planned associated transmission system completed.

4(a) Teesta III – Kishenganj 400 kV D/C

This line is being constructed by TVPTL for evacuation of power from Teesta-III HEP. TVPTL representative submitted progress of line as under;

Length	:	430 Ckm
Total tower locations	:	591 nos.
Foundation completed	:	540 nos.
Tower erected	:	523 nos.
Stringing completed	:	325 Ckm
Expected date of commissioning	:	March'2018

Representative of TVPTL informed that there is a clearance issue on Dikcu HEP – Rangpo section of line. Because of which this section of line could not be charged. An agreement has been reached with Govt. of Sikkim and Church management for demolition of part of church. District Authority would issue demand note so that money could be deposited for demolition. Only after demolition of part of church and approval from District Authority, Dikchu-Rangpo section of 400 KV line would be charged. Demolition of 42 nos. houses coming under ROW of Transmission Line is yet to be done by District Authority for which payment has already been made. He further stated that tree cutting at locations 200, 201/1, 260/2, 260/3, 260/4,271B is yet to be done by Forest Department. RoW issue at Soom Tea Estate involving 5 nos. locations are yet to be resolved. Demarcation of land between jurisdiction of Forest Department and Revenue Department for transmission line works in Sukiapokri Block of Darjeeling District is pending. As a result, construction works in social forest is hampered. He stated that line would be completed by March'2018 with best efforts. Member(PS), CEA stated that power from Teesta-III HEP and other generation projects in vicinity is getting bottled up due to delay of this 400 kV D/C line. He advised TVPTL to resolve the issues and deploy additional resources to complete line at the earliest.

4(b) LILO of Teesta-III– Kishenganj 400kV D/C line at Rangpo

Representative of PGCIL informed that PGCIL has completed loop in portion of LILO line. The loop out portion of LILO line had been dropped due to involvement of huge protected forest and now loop out portion of LILO line is being implemented under new scheme, which is under tendering process. Member(PS), CEA advised PGCIL to implement this loop out line at the earliest as it is required for evacuation of power from Teesta-III HEP and other generation projects in vicinity.

List of participants

Central Electricity Authority (CEA)

- | | |
|--------------------------|--------------------------------------|
| 1. Shri P.S. MHASKE | Member (Power System) ----- in chair |
| 2. Shri B K Arya | Chief Engineer(PSPM) |
| 3. Shri R.K Tiwari | Dy. Director(PSPM) |
| 4. Shri N.R.Meena | Dy. Director (PSPM) |
| 5. Shri Ugrasen Prasad | Dy. Director(PSPM) |
| 6. Shri Dhanesh Kumar | Asst. Director-I(PSPM) |
| 7. Shri Ravi Kant | Asst. Director-II(PSPM) |
| 8. Shri Yadav Manojkumar | Asst. Director-II(PSPM) |

Transmission Utilities:

PGCIL

- | | |
|---------------------|-----------------|
| 1. Shri R. Nagpal | General Manager |
| 2. Shri A. K. Vaish | Consultant |

Teesta Valley Power Transmission Limited (TPTL)

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|---------------------|--------------------|
| 1. Shri B.S. Jha | Director (Project) |
| 2. Shri Varun Dayal | Assistant Manager |

UPPTCL

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| 1. Shri D.K. Singh | Executive Engineer |
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WUPPTCL

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| 1. Shri Swapnil S Dagur | AVP |
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SEUPPTCL

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| 1. Shri Alfredo Mirarda | Sr. GM |
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Adani Power Limited

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|----------------------|-----|
| 1. Shri Sameer Ganju | AVP |
| 2. Shri L.N. Mishra | AVP |

List of Addresses

Sl. No.	Organization	Address	Tele/Fax No./email
1	PGCIL	Sh. I S Jha, Chairman & Managing Director, Powergrid Corporation of India Ltd., SAUDAMINI, Plot No.2, Sector-29, Gurgaon, Haryana-122001.	Ph: 0124- 2571800/2571900 Fax:01242571990/2571922/25 71760/ 9810530571 Email: isjha@powergridindia.com
2	PGCIL	Executive Director(CMG) Powergrid Corporation of India Ltd., SAUDAMINI, Plot No.2, Sector-29, Gurgaon	Ph: 0124 2571700-719 Fax: 95124 2571760/2571945/2571932 Email: s.k.sharma@powergridindia.com prpati@powergridindia.com (9910 377994) ajaiku@hotmail.com (9910999164)
3	RRVPL	Chief Engineer (PP&M) Rajasthan Rajya Vidyut Prasaran Nigam Ltd., Vidyut Bhawan, Janpath, Jaipur – 302005.	Phone 0141-2740623 Fax: 0141-2740794 Email: se_p&p@rvpn.co.in
4	UPPTCL	Chief Engineer (Control & Monitoring), U.P. Power Transmission Corporation Ltd., Shakti Bhawan Extn. 11th Floor, 14, Ashok Marg, Lucknow – 226 001	Fax No: 0522-2288410/2287785 Email: director_project@upptcl.org cecmut@upptcl.org
5	SEUPPTCL	Chief General Manager South East U.P. Power Transmission Co. Ltd. Shalimar Titanium, 601-602, 6th Floor, Plot No. TC/G-I/I Vibhuti Khand, Gomti Nagar Lucknow - 226010	Fax. 0522-3091472 Email: info@seupptcl.com ravinders@isoluxinfrastructure.co m
6	WUPPTCL	Shri Swapnil S Dagur Chief General Manager Western U.P. Power Transmission Co.Ltd S-3, 2nd Floor, Aditya Mega Mall, Indirapuram, Ghaziabad -201010	Tel: 120-4310976 Mob: 9971797371 swapnil.wupptcl@gmail.com
7	Adani Power Ltd.	Shri L.N Mishra, Head – Transmission Business M/s Adani Power Limited, 7th Floor, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad, Gujarat- 380015	079-25557134 Fax:079-25557177 ln.mishra@adani.com 9099900244 sameer.ganju@adani.com 8860550077

8	Sterilite Grid Ltd.	Sh TAN Reddy, 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	Tele:49962200 Mobile: 9310490976 Fax. 49962288 Email: tan.reddy@sterlite.com
9	TVPTL	Shri S. K. Bhowmick Teesta Valley Power Transmission Limited (TVPTL) 143.-144 Udyag Vihar Phase-IV, Gaugaon-15	Tel: 0124-4630825 Fax: 0124-4780016. Email: info@teestaurja.com