



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

No. CEA/PS/PSPM/7/7/2017/ 256-66

Dated: 12/02/2018

To

As per attached list

Subject: Minutes of the meeting taken by Chief Engineer (PSPM), CEA on 25.01.2018 to review the progress of critical transmission projects of Western Region and Southern Region.

Sir,

Minutes of the meeting taken by Chief Engineer (PSPM), CEA on 25.01.2018 to review the progress of critical transmission projects of Western Region and Southern Region are enclosed at the annexure.

Encl: As above

Yours sincerely

(Handwritten signature)
(RK Tiwari)
Dy. Director(PSPM)

o/e

Copy forwarded for information

1. JS(Trans.), MoP, Shram Shakti Bhawan, Rafi Marg, New Delhi
2. PPS to Member (PS), CEA

पते की सूची:

Sl. No.	Name of organization	Name of officer, designation & 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.	cmd@powergridindia.com
2	POSOCO	CMD, POSOCO B-9 (1 st Floor), Qutab Institutional Area, Katwaria Sarai, New Delhi -110016	cmd@posoco.in 8527607575
3	GETCO	Chairman, Gujarat Energy Transmission Corporation Limited, Sardar Patel Vidyut Bhawan, Race Course, VADODARA – 390 007	md.getco@gebmail.com Sh PK Shah,EE – 09925208472 eetriv.getco@gmail.com
4	TSTRANSCO	Chairman & Managing Director, Transmission Corporation of Telangana Ltd., Vidyut Soudha, Khairatabad, Hyderabad- 500082.	Ph: 040-23317657, Fax: 040- 23320565 Email: cmd_transco@telangana.gov.in
5	MSETCL	Chairman & Managing Director Maharashtra State Electricity Transmission Co. Ltd. Prakashganga, Bandra Kurla Complex, Plot No C-19, E-Block, Bandra (E), MUMBAI – 400 051	md@mahatransco.in
6	KPTCL	Managing Director, Karnataka Power Transmission Corporation Limited (KPTCL), K.G.Road, I Floor, Kaveri Bhavan, Bangalore-560 009.	Phone No (O):.080-2224 4556, 2221 4342 Fax: 080-2221 3526 E-mail: md@kptcl.com kumarnaik@gmail.com
7	Essar Power	Shri Sachidanand Bhujade Vice President Essar Power Transmission Co. Ltd Village- Bandhoura, Post-Karsualal, Tehsil Mada, Dist. Singrauli (MP)-486886	Sachidanand.bhujade@essarpower. co.in 9909993545
8	KSK Mahandi Ltd	Executive Director Nariyara, Akaltara, Janjgir, National Highway 200, Champa, Chhattisgarh 495553	Sh Narsimha 09959444903 narsimha@ksk.co.in
9	Vandana Vidyut Ltd	Managing Director Vandana Vidyut Ltd Vandana Bhawan, MG Road, Raipur Chhattisgarh 492001	0771-4006000 vvl@vandanavidhyut.com
10	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

Minutes of meeting taken by Chief Engineer (PSPM), CEA on 25.01.2018 to review the progress of Critical Transmission Projects of Western Region and Southern Region

List of participants is enclosed at Annexure-I.

Chief Engineer (PSPM), CEA convened the meeting as Member(PS), CEA had gone MoP to attend urgent meeting called by Secretary(P), MoP. He welcomed the participants and reviewed the critical transmission projects in Western region & Southern region which were seriously affecting power evacuation from generation projects and creating grid operation constraints and stated that these critical transmission projects are needed to be expedited to complete at the earliest. The details of discussion of meeting is given as below:

(A) Critical transmission projects in Western Region

1. Vadinar – Amreli 400 kV D/C line

This line is being constructed for evacuation of power from salaya TPS and due to delay of this line, over loading of Hadala-Chorania 400 kV line was noticed. However, an interim arrangement have been made through terminating one ckt of completed portion of Amreli-Vadinar at Jetpur and second ckt at Hadala, which had relieved loading of Chorania – Kasor. The progress of line as under;

Length	:	239 Ckm
Total tower locations	:	365 nos.
Foundation completed	:	309 nos.
Tower erected	:	267 nos.
Stringing completed	:	118.26 Ckm (117 ckm of line commissioned in Jan 14 through interim arrangement)

Representative of GETCO informed that progress affected due to contractual issues with M/s Jyoti. GETCO has taken the necessary action and has called bids for remaining works. Price Bid opened and proposal under acceptance. LOI will be issued by Mar-18 with commissioning of line by Mar'19. Representative of POSOCO informed that as generation at project is less and currently situation is not so sensitive. CE (PSPM), CEA advised GETCO representative to ensure completion by its rescheduled date of commissioning.

2 Amreli – Kasor 400 kV D/C line.

GETCO submitted progress of line is as under;

Length	:	471 Ckm
Total tower locations	:	679 nos.
Foundation completed	:	621 nos.
Tower erected	:	557 nos.
Stringing completed	:	137.13 Ckm

Representative of GETCO informed that this line is being executed by M/s Gyatri and progress of line was affected due to severe RoW issues as well as poor financial condition

of M/s Gaytri. He further stated that GETCO is taking necessary action to complete line by Dec, 18. CE (PSPM), CEA advised GETCO representative to ensure completion at the earliest.

3. Mahan-Sipat(Bilaspur) Pooling station 400 kV D/C line

The progress submitted by EPTCL is as under;

Length	:	670 Ckm
Total tower locations	:	942 nos.
Foundation completed	:	942 nos.
Tower erected	:	933 nos.
Stringing completed	:	568 Ckm

M/s EPTCL informed that balance 3 nos. towers could be erected yet due to disturbance created by anti-social elements but ensured that the same will be completed by mid of Feb,18. He informed that balance 102 ckm stringing and other left out works are likely to be completed by 3rd week of Mar'18. Representative of M/s EPTCL informed that CERC has given further extension of interim arrangement up to Mar'18 and as of now no major issue is being faced in implementation of line. He appreciated the support provided by CEA in expediting the work and requested to issue letters to District Collectors so that local administrative support may be provided for execution of balance work. EPTCL would submit details of issues to be taken up with concerned District Collectors.

4 (a) Bableshwar-Kudus 400 kV D/C line

The progress submitted by MSETCL is as under;

Length	:	447 Ckm
Total tower locations	:	173 nos.
Foundation completed	:	558 nos.
Tower erected	:	490 nos.
Stringing completed	:	152 Ckm

Representative of POSOCO informed that due to delay in commissioning of Bableshwar –Kudus 400 kV D/C line, heavy loading is being observed in Bableshwar-Padghe 400 kV line. Further, Ektuni-Bableshwar 400 kV line only one circuit has been kept in service by MSETCL to control the loadings at Bableshwar. Representative of MSETCL informed that stage –II forest clearance is still pending and final route of line was sent to GMRT, however approval from GMRT is still awaited. CE(PSPM), CEA stated that details of issues may be forwarded to CEA to take matter with Forest Department and GMRT.

4(b) 2x500MVA, 400/220 kV Kudus S/s and associated 220 kV downstream system

Representative of MSETCL informed that 400/220kV, 500MVA ICT-I has been test charged on 29/12/2017 and could not be commissioned as 220 kV downstream network of MSETCL is not available. He further stated that downstream network from Kudus S/s includes LILO of Kolshet- Wada and Kolshet – Padghe 220kV D/C lines at Kudus S/S and LILO of Boisar – Borivali & Tarapur-Borivali 220 KV line on M/C tower at Kudus S/S ant work has been awarded. As forest is involved in both lines therefore, 18 months'

completion period has been kept. CE(PSPM) suggested to squeeze the construction period as line lengths are small. He advised MSETCL to give details of forest so that the matter may be taken up with concern agency. He further stated that Aurangabad – Phadge- Kudus line of PGCIL has already been completed and are not being utilized as downstream network from Kudus S/S is not ready. He advised MSETCL to take necessary action in advancement and completion of downstream 220 KV lines from Kudus S/S including erection of 220 KV side equipment of substation.

5 Akaltara TPS– Champa pooling station 400 kV 2x D/C line

Representative of M/s KSK submitted progress of line as under;

Length	:	56 Ckm
Total tower locations	:	83 nos.
Foundation completed	:	68 nos.
Tower erected	:	54 nos.
Stringing completed	:	12 Ckm

Representative of KSK informed that 400 kV D/C line-2 (ckt 3&4) commissioned in Oct 16 and progress of the line-I is affected due to poor financial condition of the contractor. He confirmed that this Line-I would be completed by Jun, 18.

6 Salora TPS - Dharamjaigarh 400 kV D/C line

Representative of POSOCO informed that WRLDC has filed petition to CERC for disconnection of interim connectivity i.e LILO of one ckt Korba-Birsinghpur at Salora TPS as project authority (Vandana Vidyut) has not yet signed PPA. The project authority is yet to take up construction of dedicated ATS.

7 BECL (Padva) - Botad 220kV D/C line

GETCO submitted progress as under;

Length	:	190 Ckm
Total tower locations	:	292 nos.
Foundation completed	:	182 nos.
Tower erected	:	142 nos.
Stringing completed	:	33.8 Ckm

GETCO representative informed that 3 nos 220kV D/C line had been planned for evacuation of power from Bhavnagara Padva generation project (2x250 MW) and 2 nos. 220 KV D/C lines have already been commissioned but completion of 3rd line is pending due to severe RoW issue in Botad area. He stated that 2 nos 220 KV lines is adequate as presently only one unit at generation project is operation and confirmed that 3rd 220 kV line would be completed in time.

8 Mundra (Adani) - Zerda 400kV D/C line 1

GETCO submitted progress as under:

Length	:	664 Ckm
Total tower locations	:	997 nos.
Foundation completed	:	453 nos.
Tower erected	:	275 nos.
Stringing completed	:	0 Ckm

GETCO informed that the project was awarded in 3 packages. M/s Lanco is executing Pkg 1&2 and M/s Gayatri is executing Pkg 3. The progress of the transmission line was severely affected due to right of way issue and delayed forest clearance which led to contractual issue with the contractors. The works has completely stopped. POSOCO representative stated that this line is needed for system stability. CE(PSPM) CEA advised GETCO representative to resolve the contractual issue at the earliest.

9. LILO of Jamnagar – Jetpur 220kV D/C line-II at Sikka

This transmission line is part of ATS of Sikka TPP Extn, (2x250 MW). GECTCO informed that existing ATS is adequate for evacuation of power from generation project as one unit is under operation and this line would be completed in Mar'18. GETCO submit progress as under;

Length	:	120 Ckm
Total tower locations	:	189 nos.
Foundation completed	:	187 nos.
Tower erected	:	185 nos.
Stringing completed	:	77 Ckm

10. Vindhyachal STPS – IV & V Vindhyachal pool (Quad) 400kV D/C line

Representative of Adani Transmission Limited (ATL) informed the line has been completed but terminal bays by PGCIL at Vindhyachal pooling station is yet to be completed and requested CEA to take up with PGCIL for its early completion. Representative of POSOCO informed that this line required for meeting N-1 security of VSTPS stage-4 & 5 generation project. CE(PSPM) stated that the matter would be discussed in review meeting being convened shortly.

(B) Critical transmission projects in Southern Region

1(a) LILO of Chillakallu-Narketpally 220kV D/C line at Huzur nagar.

1(b) 2x100 MVA, 220/132kV, Huzur nagar S/s

No representative from TSTRANSCO attended the meeting. It was noted that the line has been completed but huzurnagAr Sub-station is not ready due to approach road constraint required widening for transporting ICTs. This line has been charged by terminating at nearby sitapuram S/S and power is being evacuated through this interim connectivity. CE(PSPM), CEA stated to take up matter with TSTRANSCO.

2(a) Singareni – Nirmal 400kV D/C line

2 (b) 2x315 MVA, 400/220kV, Nirmal S/s.

No representative from TSTRANSCO attended the meeting. It was noted that this line is required for smooth evacuation of power from Singareni Collieries Generation Project (2x 600 MW) in Telangana state. Out of two 400 kV lines, one line is already commissioned. Progress of the line and associated s/s is as under:

Transmission line;

Length	:	288 Ckm
Total tower locations	:	407 nos.
Foundation completed	:	407 nos.
Tower erected	:	406 nos.
Stringing completed	:	272 Ckm

Sub-station:

Land Acquisition	:	100%
Civil Work	:	98%
Equipment Received	:	98%
Equipment Erected	:	95%

CE(PSPM), CEA stated to take up matter with TSTRANSCO.

3 Yermarus TPS - Bellary Pooling Station 400kV D/C line

Representative of KPTCL informed that this line is being constructed for evacuation of power from YTPS. The unit-I of Yermarus TPS has been commissioned and power is being evacuated through an interim arrangement i.e. LILO of RTPS-BTPS 400kV line at YTPS and 2nd unit is ready for commissioning. He further stated that the progress of line affected due to severe RoW issues and completion of line delayed considerably. He stated that all issues has now been resolved and line would be ready by Feb,2018. The progress of the line submitted by KPTCL is as under;

Length	:	284 Ckm
Total tower locations	:	392 nos.
Foundation completed	:	392 nos.
Tower erected	:	392 nos.
Stringing completed	:	280 Ckm

Meeting ended with thanks to chair.

Annexure-I

List of Participants

CEA

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|----------------------|----------------|---------------|
| 1. Sh. B. K. ARYA | CHIEF ENGINEER | -----in Chair |
| 2. Sh. AJITESH KUMAR | DY. DIR | |
| 3. Sh. R. K TIWARI | DY. DIR | |
| 4. Sh. DHANESH KUMAR | AD-I | |
| 5. Sh. RAVI KANT | AD-II | |

POSOCO

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| 1. Sh. N. NALLARASAN | DGM | |
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GETCO

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| 1. Sh. P. K. SHAH | SEC (S/S) | |
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MSETCL

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| 1. Sh. PRAVIN BHALERAO | SE | |
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KPTCL

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| 1. Sh. SURESH KUMAR M | EE | |
| 2. Sh. SANDEEPA K | AEE | |

KMPCL

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| 1. Sh. B.S REDDY | DY. MANGER | |
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EPMPL

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| 1. MADAN GUPTA | CEO | |
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EPTCL

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| 1. SACHIDANAND BHUJADE | ED | |
| 2. ABHISHEK MUKHERJEE | MGR | |

ADANI TRASMISSION LIMITED

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|-------------------|---------------|--|
| 1. YOGESH AGARWAL | ADVISOR | |
| 2. L.N MISHRA | BUSINESS HEAD | |