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केन्द्रीय विद्युत प्राधिकरण

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Central Electricity Authority
विद्युत प्रणाली परियोजना प्रबोधन प्रभाग
Power System Project Monitoring Division
सेवा भवन, आर.के.पुरम,/Sewa Bhawan, R.K.Puram
नई दिल्ली-110 066/New Delhi-110 066
Website: www.cea.nic.in



ISO : 9001-2008

No. CEA/PS/PSPM/7/7/2018

159-62

Dated: 11/01/2018

To

As per attached list

Sub: Minutes of the meeting taken by Member(PS) on 5.1.2018 to review of progress of Mahan – Sipat 400 kV D/C Line(337 km) of EPTCL

Sir,

Minutes of the meeting taken by Member(PS, CEA on 05.01.2018 to review the progress of Mahan – Sipat 400 kV D/C Line as mentioned above is enclosed at the annexure.

This issues with the approval of Member (PS), CEA

Encl; As above

Yours Sincerely

(B K Arya)
Chief Engineer (PSPM)

9/c

Copy forwarded for kind information;

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

~~In Ajitendra~~
upload in ceapspm website
12/10/18
Sh. Ravi, AD-II
Plz upload.
12/10/18

Minutes of Meeting taken by Member (Power System) CEA on 5th Jan 2018 to
Review Progress of 400kV Mahan - Sipat Line

List of participants is enclosed at Annex-I

1. Member (PS), CEA welcomed the participants and expressed concern at the slow progress being made although of lately progress has picked up. He underlined the urgency to expedite the line since power of second 600 MW unit of Mahan TPS may bottled up due to delay in the commissioning of Mahan- Sipat line. He requested EPTCL to brief about the latest progress of the work.
2. Representative of EPTCL updated the present status of Mahan- Sipat Transmission Line as given below:

Tower foundation/Erection:

- a. All the foundations has been completed
- b. Out of Total towers of 942, Balance to complete - 9 no.
- c. Out of 9, 5 tower erection gangs are working at 3 different tower locations (68 F, 219 and 5B) and will start the work at other 2 location from tomorrow at 2D/0 and 10A/6.
- d. KPTL informed that, with the current deployment, tower erection will be completed by 20th Jan 2018.

Stringing:

- a. Total stringing involed is 337 Km.
- b. At present balance stringing is about 67 km.
- c. 6 km under progress.
- e. Stringing section with TSE:
 - i. 5 TSE machines are already deployed and are in operation but the manpower deployment is to be augmented to expedite the progress.
 - ii. Manpower in 1st & 2nd TSE is ok
 - iii. KPTL agreed to increase the manpower for balance atleast 60 no`s each for balance 3rd , 4th & 5th TSE.
- f. Stringing section with Manual gangs:
 - i. 1st gang – Currently doing repair and restoration. Will continue work on the repair works.
 - ii. 2nd gang – Currently working at Korba
 - iii. 3rd gang – Currently working at EPMP plant gantry.
 - iv. 4th gang – Gang reached at site & will be fully operation by 6th.
 - v. 5th gang – Arrived at Waidhan and they will start working from 6th Jan. After discussion it was agreed that KPTL shall deploy additional 3-4 gangs which will start working full-fledged from 8th Jan.

2. KPTL informed that they have deployed unprecedented manpower for the balance small amount of erection and stringing in view of the urgency to complete the line. EPTCL requested for additional manpower for expediting the output of existing stringing gangs. KPTL agreed to deploy additional manual gangs for stringing and increase the manpower, wherever required.
3. EPTCL informed that they are actively coordinating with the local administration to quickly resolve the ROW issues being encountered at every location repeatedly at the time of foundation, erection, insulator hoisting and stringing and releasing compensation very fast. The district collector Singrauli has agreed to provide full time police team of 15 members. Police assistance is being regularly obtained in Wadraf Nagar tehsil of Chhattisgarh.
4. KPTL informed that to expedite the progress, team of engineers has been deputed at site and they are expected to arrive tomorrow to assist the speedy execution and handling the pending documentation activities. Their Regional Manager has been delegated all powers and he will make weekly visit to monitor the situation and take corrective action immediately.
5. Regarding query from KPTL, EPTCL clarified that two pending bills have been cleared and 3rd bill will be cleared shortly.
6. EPTCL raised the issue of restoration work in Korba and Baikanth Nagar area. KPTL informed that additional work has been undertaken for restoration, since Korba is a theft prone area where they have faced repeated theft of conductors and tower parts.
7. KPTL informed that stringing restoration work for 216 km of conductor length has been undertaken out of which 100 km is done and balance shall be completed by February,2018. One stringing gang is dedicated for doing this work. KPTL agreed to pay greater attention to restoration work.
8. Tower parts for 8 full towers (225 MT) and about 170 MT of tower parts are also being replaced which were lost/damaged due to continuous theft and vandalism. One tower gang is now doing full time repair work.
9. Despite the recurring interruptions due to RoW, KPTL informed that balance work of stringing is targeted to be completed by 21st Feb 2018. However, some more margin would have to be kept. EPTCL observed that considering hindrances due to unforeseen ROW issues, they are targeting to complete the balance work of stringing by mid of March 2018.
10. KPTL agreed to deploy separate gangs for tower earthing, final tower checking before stringing and tag welding. KPTL confirmed to send prewashed insulators from stores to save time during erection.

11. With regard to PLCC, EPTCL informed that they had taken up the matter for clearance for PLCC frequency allocation for line protection and communication with Ministry of Communication and requested CEA also to extend help to expedite the matter. CEA agreed to look into the issue.
12. Chief Engineer (PSPM) CEA noted the speeding up of progress in the months of November and December 2017. Taking note of the RoW challenges in the area, CEA requested EPTCL and KPTL to intensify efforts and synergy with a view to ensuring that the line is commissioned positively before the end of March 2018.

The meeting ended with vote of thanks to the chair.

List of participants

Central Electricity Authority

- | | | | |
|------------------------|----------------------|---|----------|
| 1. Shri Prakash Mhaske | Member(PS), CEA | - | in chair |
| 2. Shri B K Arya | Chief Engineer(PSPM) | | |
| 3. Shri Ajitesh Kumar | Dy. Director(PSPM) | | |

Essar Power Transmission Company Ltd(EPTCL)

- | | |
|-------------------|--------------------|
| 1. Shri S Bhujade | Executive Director |
|-------------------|--------------------|

Kalpataru Power Transmission Limited(KPTL)

- | | |
|-------------------------|-----------------|
| 1. Shri Pankaj Jaiswal | Vice President |
| 2. Shri Pinakin Thakkar | General Manager |

Sl. No.	Organization	Address	Tele/Fax No./email
1	Essar Power	Shri Madan Gupta, Managing Director Essar Power MP Ltd Village- Bandhoura, Post- Karsualal, Tehsil Mada, Dist. Singrauli (MP)-486886	Madan.gupta@essarpower.co.in 9819731319
2	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
3	Kalpataru Power Transmission Ltd.	Shri Rajeev Dalela, President (TL&SAARC) KPTL, Plot No. 101, Part-III GIDC, Estate Sector-28 Gandhinagar 382028 Gujarat	rajeev.dalela@kalpatarupower.com vipin.varshney@kalpatarupower.com Tele: 07923214000 Fax: 07923211951 7046111190 9924113375
4	Kalpataru Power Transmission Ltd.	Shri Pankaj Jaiswal, Vice President KPTL, Plot No. 101, Part-III GIDC, Estate Sector-28 Gandhinagar 382028 Gujarat	Pankaj.jaiswal@kalpatarupower.com