



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 / 356-368

दिनांक: 25.05.2017

सेवामें

संलग्न सूची के अनुसार

विषय: एनटीपीसी की उत्तरी करनपुरा (3x660MW) परियोजना के लिए तत्काल निकासी पारेषण प्रणाली (ईआरएसएस XIX) की प्रगति और इस स्टेशन को स्टार्ट अप पावर की उपलब्धता की समीक्षा करने के लिए सदस्य (विद्युत प्रणाली) द्वारा 12.05.2017 को ली गई बैठक का कार्यवृत्त।

महोदय,

“एनटीपीसी की उत्तरी करनपुरा (3x660MW) परियोजना के लिए तत्काल निकासी पारेषण प्रणाली (ईआरएसएस XIX)” की प्रगति और इस स्टेशन को स्टार्ट अप पावर की उपलब्धता की समीक्षा करने के लिए सदस्य (विद्युत प्रणाली) द्वारा 12.05.2017 को ली गई बैठक का कार्यवृत्त अनुलग्नक में संलग्न है।

यह सदस्य (विद्युत प्रणाली), केविप्रा द्वारा अनुमोदित है।

संलग्नक : यथोपरी।

भवदीय,

(बी.के. आर्या)

मुख्य अभियंता

प्रति सूचनार्थ:

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

Minutes of meeting taken by Member (PS) CEA on 12.05.2017 to review the progress of transmission scheme "Immediate evacuation for North Karanpura (3x660MW) generation project of NTPC (ERSS XIX)" being implemented by M/s North Karanpura Transco Limited (NKTL) awarded through TBCB route and availability of startup power for North Karanpura generation project

1. List of participants is enclosed at Annexure-I.
2. Member (PS), CEA welcomed all the participants. After introduction, Member (PS) requested Chief Engineer (PSPM) to brief the agenda of the meeting. CE (PSPM) stated that the meeting has been convened to review the progress of transmission scheme and availability of startup power required for North Karanpura generation project. He stated that NTPC Ltd. is constructing a 1980MW (3x660MW) thermal power project at North Karanpura in the state of Jharkhand. For evacuation of power from the generating station, a transmission scheme was planned and agreed to be implemented as ISTS scheme through TBCB route as part of the project "Immediate evacuation for North Karanpura (3 x 660 MW) generation project of NTPC (ERSS XIX) with the elements and commissioning schedule as mentioned below:
 - (i) 400kV D/c North Karanpura – Gaya (Quad.) line - 92.5 km (Sept, 2019)
 - (ii) 400kV D/c North Karanpura – Jharkhand Pool (Chandwa) (Quad.) line- 31.5 km (Sept, 2017)
 - (iii) 2x500 MVA, 400/220kV sub-station at Dhanbad (May, 2019)
 - (iv) LILO of both circuits of Ranchi – Maithon-RB 400kV D/c line at Dhanbad – 1.2 km (May, 2019)

The transmission scheme was awarded to M/s NKTL (A subsidiary of Adani Transmission Ltd). The Lol was issued in May 2016 by RECPTCL and SPV was handed over in July 2016. NKTL approached CMPDI/CCL in June 2016 for NoC on the routes specified by RECPTCL. Since the NoC was not forthcoming, CEA had called a meeting on 14.10.2016 to discuss the issue wherein CCL representative advised NKTL to take up matter with CMPDI. It was also decided that in case CCL/CMPDI does not resolve the issue, the matter would be taken up with MoP/MoC. As no action was taken by CCL/CMPDI, CEA arranged a meeting in MoP chaired by Joint Secretary(Trans.) on 14.12.2016, wherein CCL, CMPDI and Joint Secretary(MoC) were also invited. The CCL/CMPDI representative denied ROW to M/s NKTL for constructing the lines on the routes specified by RECPTCL and suggested that an alternate route may be identified. No representative from MoC attended that meeting. JS(Trans), advised to form a committee of CMPDI, CCL, CEA and M/s NKTL officers and find out alternate route for both line with minimal impact on cost of transmission project. A meeting of committee took place in Ranchi on 16th Dec. 2016 wherein, CMPDI suggested one corridor along the river which had major implementation issues like pile foundations, multi circuit towers and increase in length of line etc. thereby change in scope and increase in cost to the tune of Rs. 192 Crore and time repercussion.

As one of the 400 kV line i.e North Karanpura – Chandwa is being constructed for evacuation of power as well as for meeting requirement of startup power for generation project, its delay would affect generation project commissioning activities. As per commissioning schedule, this line was scheduled to commission by Sept, 2017.

3. RECPTCL highlighted the clauses 2.14.2.1, 2.14.2.3, 2.14.2.4, 2.14.2.5 and 2.14.2.6 of the Request for Proposal (RFP) and stated that no alteration in cost of project and change in scope is allowed. Moreover, failure to investigate the route of transmission line and to examine/inspect site or subsurface conditions shall not relieve licensee from its responsibilities and entitle it for any extension in Scheduled COD or financial compensation.
4. NTPC informed that the North Karanpura power plant is situated on coal bearing area and NTPC has been provided NoC for a period of 35 years for setting up the North Karanpura Power Plant, after which they have to decommission it. NTPC suggested that, CMPDI / CCL could consider conditional NOC to NKTL. NTPC stated that their project worth Rs. 15,000 Crs is at stake and requested to keep them informed on the developments. NTPC informed that they need the start-up power latest by June 2018 and insisted that North Karanpura -Chandwa 400 kV line should be commissioned latest by June 2018
5. M/s NKTL stated that they will be able to commit the dates only after they get the NoC for both the lines from CMPDI / CCL. They would require the NoC for both the North Karanpura -Chandwa as well as North Karanpura - Gaya lines, to proceed further as it is one composite project which cannot be bifurcated into parts and they will be able to start work on the project in full swing once they have the NoC for both the lines.
6. CTU(POWERGRID) informed that the line bays associated with North Karanpura - Chandwa line at Chandwa end are under implementation and are expected to be commissioned as per schedule, which is Sept, 2017.
7. CMPDI/CCL stated that coal mines in the route of North Karanpura - Chandwa line would be explored after 35 to 40 years. However, in case of North Karanpura - Gaya line there are active mines and some mines would be explored within 10-15 years in some section of the identified route. As such, no construction activity would be allowed within 100 meter of coal mine during coal exploration.
8. CEA requested CMPDI / CCL to explore the possibility of providing NoC to M/s NKTL for the RECPTCL recommended routes for North Karanpura - Chandwa line on the similar ground as given to NTPC for setting up generation project. CEA advised M/s NKTL to explore the possibility of taking the North Karanpura -Gaya line on the routes identified by RECPTCL and take small deviations, wherever there are active mines in a manner to avoid change in scope/cost of project. CMPDI / CCL was also requested to assist M/s NKTL in this matter.

9. CMPDI/CCL agreed to technically evaluate RECPTCL recommended routes in case the said transmission line is dismantled/decommissioned after 35 years and the issue will be referred to CCL/MoC considering the fact that
 - i) Production from both Amrapali and Magadh OCPs has started.
 - ii) Both Magadh and Amrapali OCPs are major contributors to CIL's ambitious 1 Billion tonne production programme by the year 2020.
 - iii) Traversing of routes through other coal mines/ coal blocks.

10. Member (PS), CEA advised M/s NKTL to submit the undertaking letter to CCL/CMPDI immediately and advised CMPDI/CCL to expedite the proposal and submit recommendation to MoC at the earliest and advised CE(PSPM), CEA to call next review meeting in first week of June'17. CE(PSP&A-II), CEA and CTU(POWERGRID) was advised to study the alternate arrangement for startup power to North Karanpura (3x660MW) generation project of NTPC.

Meeting ended with thanks to chair.

Annexure-I

List of Participants:

CEA

| | | |
|------------------------|----------------|----------|
| 1. Shri K. K. Arya | Member (PS) | In Chair |
| 2. Shri B. K. Arya | Chief Engineer | |
| 3. Shri B.S. Bairwa | Director | |
| 4. Mrs. Rishika Sharan | Director | |
| 5. Shri R. K. Tiwari | Dy. Director | |
| 6. Shri N.R. Meena | Dy. Director | |
| 7. Shri U.M Rao | Dy. Director | |
| 8. Shri Rajesh | AD-I | |
| 9. Shri Ravi Kant | AD-II | |

POWERGRID

| | |
|-------------------|----------------|
| 1. Shri Ashok Pal | GM (CTU. Plg.) |
|-------------------|----------------|

NTPC

| | |
|--------------------------|---------------------|
| 1. Shri Vijay Singh | GM (Projects) |
| 2. Shri Subhash Thakur | AGM (AGM PE-ELECT.) |
| 3. Shri Anupam Khetarpal | AGM (PP&M) |
| 4. Shri V. K. Jain | DGM (COML) |
| 5. Shri Suveen Vyas | DGM (PP&M) |
| 6. Shri Shailendra Singh | DGM (COML) |

RECTPCL

| | |
|-------------------------|---------|
| 1. Shri Bhupender Gupta | ACEO |
| 2. Shri Vivek Agarwal | Manager |

CCL

| | |
|----------------------|------------------|
| 1. Shri C.B.P. Sinha | Sr. Manager(E&N) |
|----------------------|------------------|

CMPDI

| | |
|--------------------|-------------------|
| 1. Shri P.K. Sinha | Chief Manager (X) |
|--------------------|-------------------|

NKTL

| | |
|------------------------|---------------|
| 1. Shri Vivek Singla | Jt. President |
| 2. Shri L.N. Mishra | Sr. V. P. |
| 3. Shri Bipin Shah | Sr. V.P. |
| 4. Shri Sameer Ganju | GM |
| 5. Shri R. K. Singh | GM |
| 6. Shri Yogesh Agarwal | Advisor |