

पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)



पावरग्रिड

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संदर्भ संख्या/Ref. Number

C/ENG/SEF/S/OA/EC

22nd July 2011

1. Shri A Sardar Mahaboob Jan Advisor-Technical Coastal Energen Pvt. Ltd. 7 th Floor, Buhari Towers 4, Moores Road Chennai- 600 006.	2. Shri J Mahopatra Director (Technical) Ind-Barath Power (Madras) Ltd Plot No. 30-A, Road No. 1 Film Nagar, Jubilee Hills Hyderabad- 500 033.
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Sub: 5th Joint Co-ordination Committee Meeting for High Capacity Corridor for IPPs of Tuticorin Area of Tamil Nadu

Dear Sir,

The 5th Joint Co-ordination Committee Meeting for High Capacity Corridor for IPPs of Tuticorin area of Tamil Nadu was held on 15.07.2011 at POWERGRID, Gurgaon to assess the status of progress of IPP generation projects and transmission projects in Tuticorin area. In this regard, please find enclosed the minutes of the meeting indicating the progress of generation projects and associated transmission systems.

Thanking you,

Yours faithfully,

(Y K Sehgal)
ED (SEF & CE)

Copy to:

1. Shri Pankaj Batra Chief (Engg.) Central Electricity Regulatory Commission, 3rd & 4th floor, Chanderlok Building, 36, Janpath, New Delhi – 110 001.	2. Shri Ravinder Chief Engineer (SP&PA) Central Electricity Authority Sewa Bhawan, R.K. Puram New Delhi – 110 066.
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पंजीकृत कार्यालय : बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016 दूरभाष : 26560121 फैक्स : 011-26560039 तार 'नेटग्रिड'
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स्वहित एवं राष्ट्रहित में ऊर्जा बचाएं
Save Energy for Benefit of Self and Nation

Minutes of 5th Meeting of Joint Co-ordination Committee for High Capacity Corridor for IPPs of Tuticorin Area in Tamil Nadu held on 15th July 2011 in POWERGRID

1. The list of participants of the meeting is enclosed at **Annexure-I**.
2. ED (POWERGRID) welcomed Chief Engineer (SP&PA), CEA and representatives of Coastal Energen Private Limited (CEPL) and Ind-Barath Power (Madras) Limited (IBPML). He informed that this meeting is subsequent to 3rd Joint Co-ordination Committee Meeting held on 1st April 2011 to review the generation project & transmission systems in Tuticorin Area of Tamil Nadu. ED (POWERGRID) had informed that under High Capacity Corridor for IPPs in Tuticorin area, POWERGRID will be implementing 765 kV line from Tuticorin Pooling station to Madhugiri via Salem and establishment of new pooling station at Tuticorin. He further informed that POWERGRID is already implementing Tuticorin JV – Madurai 400 kV D/c quad line in this area and is under advanced stage of construction. As an interim arrangement, LILO of one circuit of above line at CEPL and IBPIL respective switchyards was agreed and to be implemented by respective generation developer till the commissioning of the identified transmission system for IPPs of Tuticorin Area. This interim arrangement line shall be further extended to Tuticorin Pooling station by generation developer upon the commissioning of Tuticorin Pooling Station.
3. Chief Engineer, CEA stated that the high capacity corridors have been planned when the generation projects were on paper only without any actual progress on the ground. The high capacity corridor has been planned in good faith assuming that the generation projects shall get materialized by the schedule indicated by generation developers initially which was March, 2012. He stressed that transmission infrastructure for high capacity corridor is capital intensive and shall burden the IPPs with high transmission charges if it is redundant or under-utilized. He opined that a cautious approach is required before actually investing in transmission system. He further enquired the effect of recent Indonesian Coal Price regulation on the viability of their generation projects, towards this the generation developers informed that to some extent all generation projects based on imported coal are going to be affected by this regulation. However, since they have not entered into any long term PPA, they don't foresee a major affect on the viability of the project as such.
4. ED (POWERGRID) requested the representative of CEPL & IBPML to update the status of their generation projects.
5. The representative of CEPL indicated that the progress of generation project is satisfactory. He further informed that the civil works for Chimney are completed and Boiler drum was lifted last week. Till date CEPL has spent about ₹ 2,300 Crores in the generation project. Regarding the transmission system for startup and initial evacuation, the progress is good and they shall be matching with the requirement of the generation project. Looking into the physical progress at the site, they foresee revision of commissioning schedule for first unit to June, 2012 and second unit by September, 2012 in place of March, 2012 and June, 2012 for first and second unit respectively as informed during the 3rd Joint Co-ordination Committee meeting. ED (POWERGRID) stated that the commissioning schedules of generation projects mentioned in the earlier signed BPTA shall need to be amended suitably.

6. The representative of IBPML informed status of their generation project. He informed that the excavation works for boiler foundations have started at site. Till date IBPML has spent about ₹ 200-300 Crores in the generation project as initial advances and civil works. He further informed that the commissioning for first unit is targeted at September, 2013 and second unit by December, 2013. Chief Engineer, CEA observed that the generation project of IBPML was not listed in the initial 12th Plan capacity addition of 78,000 MW list of Ministry of Power and recently the project has been included in the list of additional projects of about 31,000 MW. Considering the physical progress at site as informed by generation developer, the target of commissioning of first unit by September, 2013 by IBPML is quite ambitious. He further stated that a power project of this size and looking at the physical progress as of now shall need at least 3 (three) years from now and commissioning of the first unit can be achieved by July, 2014 with best efforts. Regarding the transmission system, he opined that the complete high capacity corridor involving 765 kV lines shall need huge investment and generation developers shall be liable to pay the transmission charges from the date of commissioning of this transmission system whether the generation projects gets commissioned or not. Considering the above aspects CE, CEA has suggested a cautious approach need to be taken in development of high capacity corridor. This was appreciated by the generation developers. Considering the physical progress of generation projects and transmission system development in Tuticorin area, it emerged that the identified high capacity corridor may be developed in two parts as given below:

Part-A

- (i) Establishment of 765 kV pooling station in Tuticorin (initially charged at 400 kV)
- (ii) LILO of both circuits of Tuticorin JV – Madurai 400 kV D/c (quad) line at Tuticorin Pooling Station.

Part-B

- (iii) Establishment of 765 kV pooling station in Salem (initially charged at 400 kV)
- (iv) Tuticorin Pooling station – Salem Pooling station 765 kV D/c line (initially charged at 400 kV)
- (v) Salem pooling station – Madhugiri pooling station 765 kV S/c line (initially charged at 400 kV)
- (vi) Salem pooling station – Salem 400 kV D/c quad line.

CE, CEA further informed that this phase wise development shall also relieve the burden of transmission charges to IPPs considering that the margins expected with the commissioning of Tuticorin JV – Madurai 400 kV D/c quad line which is being implemented by POWERGRID.

7. Regarding the phasing of transmission system as agreed above, it emerged that the transmission system may be implemented phase-wise; Part-A by July, 2014 and Part-B by December, 2014. Accordingly, it was indicated to generation developers alongwith the revised generation schedules as above, the transmission schedules may also be incorporated in the already signed BPTA.
8. The meeting ended with vote of thanks to all the participants.

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Annexure-I

List of participants of the 5th Meeting of Joint Co-ordination Committee for High Capacity Corridor for IPPs of Tuticorin Area in Tamil Nadu held on 15th July 2011 in POWERGRID

Sl. No. Name and Organization Designation

Central Electricity Authority (CEA)

1. Ravinder Chief Engineer (SP&PA)

Power Grid Corporation of India Ltd (POWERGRID)

2. Y K Sehgal ED (SEF & CE)
3. Arun Kumar ED (Commercial)
4. Avinash M Pavgi AGM (SEF)
5. Dilip Rozekar DGM (SEF)
6. Poonam Varshney DGM (CMG)
7. M Shanmugasundaram CM (SRTS-II)
8. Pradeep Kumar Gupta CM (Commercial)
9. R V Madan Mohan Rao CDE (SEF)

Coastal Energen Private Limited (CEPL)

10. A S M Jan Advisor (Technical)

Ind-Barath Power (Madras) Limited (IBPML)

11. J Mohapatra Director (Technical)
12. P V Vijay Kumar President (Finance)
