

पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)



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संदर्भ संख्या / Ref. No.

केन्द्रीय कार्यालय / CORPORATE CENTRE

Ref. No: C\ENG\SEF\CERC\JCC

Date: April 07, 2011

The Secretary
Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building
36, Janpath, New Delhi – 1100 001.

Subject: Minutes of 3rd Joint Co-ordination Committee Meeting of Southern Region for IPPs granted LTOA / LTA.

Dear Sir,

The 3rd Joint Co-ordination Committee Meeting of Southern Region for IPPs granted LTOA / LTA was held on 01.04.2011 at POWERGRID Office, Gurgaon to assess the status of progress of IPP generation projects in Southern region. 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)

Executive Director (SEF, CE & IT)

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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ED (Commercial) / ED (SR-I) / ED (SR-II) / ED (ER-II) / GM (CMG) / GM(SRLDC), POSOCO

List of Addressees

<p>1. Dr. K. S. Gandhi Advisor (Power) Simhapuri Energy Private Limited Madhucon Greenlands, 6-3-866/2, 3rd Floor, Begumpet, Hyderabad -500 016</p>	<p>2. Shri N P Hanagodu The CEO Meenakshi Energy Private Ltd. Meenakshi House, 8-2-418, Road No.7 Banjara Hills, Hyderabad-500 034, Andhra Pradesh</p>
<p>3. Shri D Venkatachalam Director Thermal Powertech Corpn India Ltd 6-3-1090, B-1, TSR Towers, Rajbhavan Road, Somajiguda, Hyderabad – 500 082</p>	<p>4. Shri A. Sardar Mahaboob Jan Advisor-Technical Coastal Energen Pvt. Ltd. 7th Floor, Buhari Towers, 4, Moores Road, Chennai- 600 006</p>
<p>5. Shri J Mahopatra, Director (Technical) Ind-Barath Power (Madras) Ltd Plot No. 30-A, Road No. 1, Film Nagar, Jubilee Hills, Hyderabad- 500 033</p>	<p>6. Shri B. Narasimha Rao, Vice President (Projects) East Coast Energy Private Limited, #7-1-24, B Block, 5th Floor, Roxana Towers, Green Lands, Begumpet, Hyderabad- 500 016</p>
<p>7. Shri S Vairamani General Manager (O&M) Spectrum Power Generation Limited D No. 8-2-293/A/231, Plot No. 231, 3rd Floor Road, No. 36, Jubilee Hills, Hyderabad - 500 033.</p>	<p>8. Shri K S N Murthy Vice President Reliance Infrastructure Limited Camus Capri Apartments, 6-3-1090/A, Raj Bhavan Road, Somajiguda Hyderabad - 500 082.</p>
<p>9. Shri P. M.K. Gandhi Director – Project Development GVK Gautami Power Limited “Paigah House”, 156-159, Sardar Patel Road, Secunderabad - 500 003.</p>	<p>10. Shri P. M.K. Gandhi Director – Project Development GVK Industries Limited “Paigah House”, 156-159, Sardar Patel Road, Secunderabad - 500 003.</p>
<p>11. Shri Haziq Beg Sr. Vice President IL&FS Tamil Nadu Power Company Ltd. C/O IL&FS Energy Development Co. Ltd., First Floor, Corporate Tower, Ambiance Mall Complex, Ambiance Island, NH-8, Gurgaon-122001</p>	<p>12. Shri G Vijaya Kumar COO (Thermal Projects) PEL Power Limited #8-2-293/82/A/76, Road No. 9A, Jubilee Hills, Hyderabad – 500 033.</p>

**Minutes of 3rd Joint Co-ordination Committee Meeting of Southern Region for IPPs
granted LTOA / LTA**

1. The 3rd meeting of the Joint Co-ordination Committee of Southern Region for IPPs granted LTOA / LTA was held in POWERGRID office on 1st April, 2011. The list of participants of the meeting is enclosed at **Annexure-I**.
2. DGM (Engg-SEF) welcomed, Sh. Ravinder, Chief Engineer (SP&PA), CEA, Sh. Pankaj Batra, Chief (Engg.), CERC, Sh. Pardeep Jindal, Director (SP&PA), CEA and representatives of IPPs generation developers. The IPP generation developers' representatives were requested to update the progress of their generation project.
3. **Krishnapatnam Area, AP** – 3 nos of following IPPs has been granted LTOA/LTA in the Krishnapatnam area, and all of whom have signed BPTA with POWERGRID & submitted requisite Bank Guarantee (BG).
 - (i) Simhapuri - 4x150 MW 600 MW
 - (ii) Meenakshi - 2x150 + 1x300 600 MW
 - (iii) Thermal Powertech - 2x 660 MW 1320 MW

The status of the progress made by each of the LTOA/LTA customer in Krishnapatnam area is as given below:

- (i) Simhapuri Energy Private Ltd. (SEPL) (600 MW)
 - Representative of Simhapuri informed that 70% of erection of both unit-I & II (150 MW each) completed. Almost 100% of BTG equipment & BOP equipments received, Hydraulic test of Unit-I is already completed.
 - The project schedule to commission by U#1 - June' 2011 & U#2 - July' 2011 (as against U#1 - Dec'10 as per BPTA and Feb'11 as per 1st JMC meeting).
 - Dedicated 400kV D/c (quad) line from Simhapuri/Meenakshi to Nellore shall be ready by May' 2011
 - As yet, there is no long term PPA signed with any beneficiary.
 - SEPL was asked to furnish the power of attorney of the person who had signed BPTA within three weeks time.
 - Further, SEPL was also asked to submit amendment to the construction BG which was sought vide letter dated 2.2.2011, to align it with CERC approved format
- (ii) Meenakshi Energy Private Ltd. (MEPL) (600 MW)
 - Representative of Meenakshi informed that site activities for their project are progressing well and as informed in 1st Joint Co-ordination Committee meeting,

the project schedule to commission by U#1-Jun'11, U#2 – Sept,11, U#3-Jan'12 & U#4-Mar'12. (as against U#1 – Apr'11 as per BPTA)

- MEPL was asked to submit BG for the additional capacity (273 MW) for which BPTA was signed earlier. Further M/s MEPL was also requested to submit the power of attorney of the person signed BPTA in three weeks time.
- MEPL was also asked to submit amendment to the already submitted construction BG which was sought vide letter dated 2.2.2011, to align it with CERC approved format

(iii) Thermal Powertech Corpn India Ltd. (TPCIL) (1320 MW)

Representative of Thermal Powertech submitted following status

- Land : Required 1408.7 Acre of land has been acquired.
- Fuel linkage: Sanctioned 70% of the Coal linkage from Mahanadi Coal Ltd. and Balance 30% tied up through Indonesian Company.
- Water : TPCIL has obtained permission for drawl of 14,000 cubic mtr/hour of sea water from A.P Government for plant operational requirements. Plant water requirement is being obtained through desalination plant.
- Environmental clearance : Obtained. No forest involved.
- EPC award : placed for BTG package to M/s. Dongfang Corporation (DEC) China and BOP package to M/s. BGR Energy Systems LTD. Chennai.
- Financial closure : TPCIL has executed Common Loan Agreement with leading Banks & Financial Institutions.
- TPCIL has signed MOU with PTC India. PTC has signed PPA for 430 MW with Karnataka state. Also TPCIL has been short listed for 500 MW sale to AP state.
- Further, site activities are progressing well and the project is scheduled to commission by Jan' 14 (same as per BPTA).
- TPCIL representative requested for availability for transmission system by Jun' 13 (8 months before synchronization) to draw start-up power. It was informed that for early commissioning of part of transmission system to facilitate drawl of start-up power, TPCIL shall have to give commitment for bearing early commissioning charges of the respective transmission system.
- Further M/s TPCIL was requested to submit the power of attorney of the person signed BPTA in three weeks time.

(iv) Transmission System

- It was informed by POWERGRID that project preparation activities for the transmission system are in progress and award for main packages are expected to be placed shortly after obtaining investment approval. The transmission system is scheduled for commissioning by Dec; 2013. It was explained that 765/400 kV Nellore pooling station alongwith the LILO for its integration in the

grid shall be phased for early commissioning to facilitate drawl of start-up power by TPCIL.

- It was advised to SEPL & MEPL to contact SRLDC for sorting out metering, start-up power requisition, scheduling, UI and other related issues.
- Towards this it was explained to SEPL & MEPL that LTA to their projects was permitted subject to availability of identified transmission corridor. Till the commissioning of identified corridor, they shall have to rely on the margins available in the grid and shall have to seek STOA. Further they would be liable to pay long term transmission charges only upon commissioning of the identified transmission system.

4. **Tuticorin Area, TN** – 2 nos of IPPs viz. Coastal Energen (2x600 MW) and Ind-Barath (2x660 MW) has been granted LTOA in the Tuticorin area. Both the IPPs have signed BPTA and furnished BG as per the CERC regulations.

(i) Coastal Energen Pvt. Ltd. (1200 MW)

- Representative of Coastal Energen informed that complete required land is under their possession and have obtained necessary clearances.
- The project has achieved financial closure and SBI is the Lead Bank.
- The award placed for BTG package to Harbin power Engineering Co. Ltd., China and the project is progressing well as per schedule and achieved major milestones.
- The equipment testing is underway in China. The foundations for main plant and Boiler structure are completed.
- He also informed that the generation switchyard has been changed to GIS from AIS and its layout is yet to finalise. The necessary clearances for dedicated line and LILO have already been obtained. The construction of dedicated line has been entrusted to POWERGRID on deposit work basis.
- He expressed that there is no issue that needs attention as all the works are going as per schedule.
- First unit of the project is expected by Mar'2012 and 2nd unit by June'12
- Coastal Energen were asked to make the required modification sought vide letter dated 2.2.2011 in the submitted construction BG and extend its validity upto 6 month after the commissioning schedule. Further the power of attorney of the person signed BPTA may also be submitted in three weeks time.

(ii) Ind-Barath (1320 MW) Representative of Ind-Barath submitted progress report for their generation project

- It was informed that land required for the project is under possession.
- Environmental clearance for the project is available.

- BTG package has been awarded to Harbin, China, excavation for main plant started.
- Coal linkage for one unit is available and for the 2nd unit is expected in the next meeting of coal allocation.
- Leveling of the land completed, fencing completed, civil construction package has been awarded
- Regarding construction of dedicated transmission it was informed that Ind-Barath do not intend to construct dedicated transmission line on their own and they have filled a petition in CERC to include it as ISTS to be constructed by CTU/ISTS licensee. CE (SP&PA), CEA enquired that if no work has been initiated for construction of dedicated transmission line then how the commissioning schedule of Sept, 2012 for which only 18 months are remaining can be met. Towards this, representative of Ind-Barath indicated that commissioning schedule is now likely to be extended to Sept, 2013. Further he also mentioned that as the decision on dedicated transmission lines yet to be made from CERC therefore exact commissioning schedule is difficult to commit.
- CE (SP&PA), CEA expressed his concerns about the lack of progress generation project and he advised POWERGRID to conduct a site visit for getting first hand information on physical progress of generation project.
- M/s Ind Bharat was requested to extend the validity of the construction BG already submitted to POWERGRID before its expiry, for a period upto 6 month after the commissioning schedule. Further the power of attorney of the person signed BPTA may also be submitted in three weeks time.

5. **Srikakulam Area, AP** – East Coast Energy Pvt. Ltd. (2x660 MW) has been granted LTOA in the Srikakulam area and has signed BPTA & furnished requisite BG as per the CERC regulations.

(i) East Coast Energy Private Ltd. (1320 MW)

- Representative of East Coast Energy informed that their construction activities on the site are suspended due to some local protests, however other project activities are going on as per schedule. It was indicated that they have approached environment authorities for revocation of suspension, the meeting for which is scheduled in next week. He further stressed that their project is progressing well and shall get commissioned by July'13.
- East Coast Energy has received LOI for supply of 200 MW on long term basis from PCKL (Karnataka). Further, they are also participating in the power procurement notice issued by Andhra Pradesh bids.

- The representative of East Coast enquired about the status, line routing and commissioning schedule of Behrampur – Gazuwaka 400 kV D/c line, being constructed by Reliance Power Transmission Ltd under IPTC route. On this it was informed that the line as informed by RPTL in the 2nd Joint Co-ordination Committee meeting, shall be available by Sept'12.
- East Coast representative was advised to get in touch with Reliance Power Transmission Ltd to for finalizing the LILO line routing. In this regard, POWERGRID informed that they have identified land for construction of Srikakulam pooling station and have initiated land acquisition process for which money has already been submitted to land authorities.
- Further the power of attorney of the person signed BPTA may also be submitted in three weeks time.
- East Coast was also asked to submit amendment to the construction BG which was sought vide letter dated 2.2.2011, to align it with CERC approved format

6. **Vemagiri Area, AP** – 4 nos of following IPPs has been granted LTOA/LTA in the Vemagiri area of Andhra Pradesh and signed BPTA with POWERGRID. However they are yet to submit requisite Bank Guarantee (BG) despite expiry of stipulated time for submission. All the generation project developers are seeking extension for submission of Construction BG.

(i) Spectrum Power	-	4x350 MW	1400 MW
(ii) Reliance Infrastructure	-		2400 MW
(iii) GVK Gautami Power	-	2x 400 MW	800 MW
(iv) GVK Industries	-	2x 400 MW	800 MW

- The above IPP generation developers have complete required land under possession, environment clearance, water etc. However the Gas allocation is not available presently. It was indicated that the same shall be available six months prior to the commissioning of the generation project.
- As these generation projects are Gas based generation projects, they shall have very short gestation period. Therefore, it is necessary to initiate the process for taking-up of the associated transmission system which is to be implemented through tariff based bidding.
- It was informed by representative of Reliance Infrastructure Ltd. that they are in the process of submitting necessary document for change of applicant as Samalkot Power Ltd.
- Chief Engineer (SP&PA), CEA stated that submission of BG by IPP generation developers has a definite purpose of demonstration of seriousness with respect to generation development. Therefore, they must submit requisite construction BG by 02.05.2011. Further it was also decided that after one month review

meeting shall be called to assess the status of progress of generation projects in Vemagiri area of Andhra Pradesh.

- Representative of Reliance Infrastructure informed that they propose to develop generation project in three modules of 755 MW each (2x235 GT + 1x270 ST) GT and additional heat recovery module. Towards this, it was informed that GT of 1st module is ready at manufacturers site and to be shipped shortly.
- Further the power of attorney of the person signed BPTA may also be submitted in three weeks time.
- As regards the transmission system development, it was decided RfQ for one transmission package viz. Vemagiri – Khamma – Hyderabad line-I may be initiated presently. For the second package viz. Vemagiri – Khamma – Hyderabad line-II decision may be taken-up later, based on progress of the generation projects.
- Similarly for 3rd package viz. Wardha-Jabalpur line decision shall be taken-up later looking into the progress of other generation projects in other areas of Southern Region also and depending on inter-regional power transfer requirements.

7. Nagapattinam/Cuddalore Area, TN – 2 nos of following IPPs has been granted LTOA/LTA in the Nagapattinam/Cuddalore area of Tamil Nadu and signed BPTA with POWERGRID.

(i) IL&FS Tamil Nadu	-	2x600 MW	1200 MW
(ii) PEL Power	-	3x350 MW	1050 MW

PEL Power has submitted requisite BG. IL&FS Tamil Nadu informed that their banker are processing the BG however there are some issues related to the limits of BG which is likely to be sorted out shortly. Towards this it was advised that IL&FS may submit letter to this effect from the Bank.

(i) IL&FS Tami Nadu Power Corpn Ltd. (1200 MW)

- Representative of IL&FS Tamil Nadu informed that complete land under their possession & fencing completed
- IL&FS Tamil Nadu have their own coal mine in Indonesia & mine development contractor finalized & contract to be placed by Jun' 2011.
- Environmental clearance for Captive port available & land allocation from Tamil Nadu Maritime Board available.
- Environment clearance for generation project also available.
- Financial closure achieved in Dec' 2009 (lead banker PNB) and already about Rs. 350 crores were disbursed.

- EPC contract placed on Sepco-III Electric Power Construction Corporation & Shandong TIEJUN electric power Engineering Company Ltd. NTP issued to EPC contractor in Feb'2010
- Consent for Establishment (CFE) from Tamil Nadu Pollution Control Board (TNPCB) is yet to be issued after which works can be taken-up. The CFE is likely to be available after the ensuing election in Tamil Nadu.
- Further the power of attorney of the person signed BPTA may also be submitted in three weeks time.

(ii) PEL Power Ltd. (1050 MW)

- Representative of PEL Power informed that complete land under their possession.
- Fuel linkage : Ministry of Coal accorded long term coal linkage for 500 MW and applied for balance capacity of 550 MW.
- With regard to the port facility for transportation of coal to the project, it was informed that DPR for construction of Jetty has been submitted to Tamil Nadu Maritime Board for their approval.
- Environment clearance available, CRZ clearance awaited, water available.
- Consent for Establishment (CFE) from Tamil Nadu Pollution Control Board (TNPCB) is yet to be issued after which works can be taken-up. The CFE is likely to be available after the ensuing election in Tamil Nadu.
- Financial closure received underwritten sanction from Axis Bank.
- EPC award : invited bids through ICB, evaluation of bids is under progress.
- Further the power of attorney of the person signed BPTA may also be submitted in three weeks time.

Depending on the above status of the generation projects it was decided that review meeting shall be called after one month to assess the progress of the generation projects. However in the mean time RfQ for package-A viz. Nagapattinam – Salem – Madhugiri line may be taken-up.

8. The meeting ended with vote of thanks to all the participants.

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Annexure-I

List of participants of the 3rd Joint Co-ordination Committee Meeting of Southern Region IPPs granted LTOA / LTA held on 01.04.2011 at POWERGRID, Gurgaon

Sl. No. Name and Organization Designation

Central Electricity Regulatory Commission (CERC)

1. Pankaj Batra Chief (Engg.)

Central Electricity Authority (CEA)

2. Ravinder Chief Engineer (SP&PA)

3. Pardeep Jindal Director (SP&PA)

Power Grid Corporation of India Ltd (POWERGRID)

4. Anil Jain GM (CMG)

5. Prashant Sharma AGM (Commercial)

6. Dilip Rozekar DGM (SEF)

7. RV Madan Mohan Rao CDE (SEF)

8. Anil Kumar Meena ACDE (SEF)

9. Ms. Jane Jose Chief Manager (Commercial)

Power System Operation Corporation Ltd. (POSOCO)

10. S.P. Barnwal Manager (SRLDC)

Long-term Open Access Applicants

11.	S. Sen	GM (Elect)	Meenakshi Energy Pvt. Ltd.
12.	Y. Lal	VP (PP)	Simhapuri Energy Pvt. Ltd.
13.	Atul Nargund	CEO	Thermal Powertech Corpn. IndiaLtd.
14.	B.N.K. Reooy	CFO	Thermal Powertech Corpn. IndiaLtd.
15.	Willia J. Nazareth	Head (Project Mgt.)	Thermal Powertech Corpn. IndiaLtd.
16.	A.S.M. Jan	Advisor (Technical)	Coastal Energen Pvt. Ltd.
17.	J. Mohapatra	Director	Ind-Barath Power (Madras) Ltd.
18.	B. Narasimha Rao	Vice President	East Coast Energy Pvt. Ltd.
19.	Venketeswara Rao Nunna	Sr. Manager	Spectrum Power Generation Ltd.
20.	S. Dhawan	GM	GVK Industries Ltd. & GVK Gautami Power Ltd.
21.	Kiran Alla	AVP	Reliance
22.	Sameer Gupta	Adl. Vice President	Samalkot Power Ltd. & Reliance Power Ltd.
23.	Akhil Agarwal	Sr. Manager	IL&FS Tamilnadu Power Co. Ltd.
24.	R. Radha Krishna Murty	CEO	PEL Power Ltd.
25.	P.L. Malhotra	CEO	PEL Power Ltd.