

पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड  
(भारत सरकार का उद्यम)



POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

पावरग्रिड

केन्द्रीय कार्यालय : "सौदामिनी" प्लॉट सं. 2, सैक्टर-29, गुडगाँव-122 001, हरियाणा  
फोन : 2571700-719, फैक्स : 2571760, 2571761 तार 'नेटग्रिड'  
Corporate Office : "Saudamini" Plot No. 2, Sector-29, Gurgaon-122 001. Haryana  
Tel. : 2571700-719, Fax : 2571760, 2571761 Gram : 'NATGRID'

संदर्भ संख्या/Ref. Number

C/ENG/SEF/S/OA/EC

18<sup>th</sup> July 2011

**Shri T V Krishna**  
**Managing Director**  
East Coast Energy Private Limited  
7-1-24, B Block, 5<sup>th</sup> floor  
Roxana Towers Green Lands, Begumpet  
Hyderabad – 500 016.

**Shri L N Mishra**  
**Director**  
**Talcher-II Transmission Company Limited**  
Reliance Power Transmission Limited  
12<sup>th</sup> Floor, Building 10-B, DLF Cyber City,  
DLF Phase-2, Gurgaon - 122 001.

**Sub: 4<sup>th</sup> Joint Co-ordination Committee Meeting for High Capacity Corridor for IPPs of Srikakulam Area**

Dear Sir,

The 4<sup>th</sup> Joint Co-ordination Committee Meeting for High Capacity Corridor for IPPs of Srikakulam area was held on 12.07.2011 in the office of Shri Ravinder, Chief Engineer (SP & PA), Central Electricity Authority, New Delhi to assess the status of progress of IPP generation projects and transmission projects in Srikakulam 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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ED (Commercial) / GM (CMG)

पंजीकृत कार्यालय : बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016 दूरभाष : 26560121 फैक्स : 011-26560039 तार 'नेटग्रिड'  
Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016 Tel. : 26560121 Fax : 011-26560039 Gram : 'NATGRID'

स्वहित एवं राष्ट्रहित में ऊर्जा बचाएं  
Save Energy for Benefit of Self and Nation

**Minutes of 4<sup>th</sup> Meeting of Joint Co-ordination Committee for High Capacity Corridor for IPPs of Srikakulam Area in Andhra Pradesh held on 12<sup>th</sup> July 2011 in CEA**

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1. The list of participants of the meeting is enclosed at **Annexure-I**.
2. Shri Ravinder, Chief Engineer (SP&PA), CEA welcomed ED (POWERGRID), and representatives of East Coast Energy Private Limited (ECEPL) and Talcher-II Transmission Company Limited (TTCL). He informed that this meeting is subsequent to 3<sup>rd</sup> Joint Co-ordination Committee Meeting held on 1<sup>st</sup> April 2011 to review the generation project & transmission systems in Srikakulam Area of Andhra Pradesh. CE, CEA requested the representative of ECEPL to update the status of generation project.
3. Representative of ECEPL submitted the detailed status update of generation project (copy enclosed at Annexure-II). The representative informed that other than Civil construction activities at site, all other activities like design, engineering, procurement are ahead of the schedule and two consignments of Boiler material was already received at site and two more consignments of Boiler No#1 and #2 are ready at Shanghai port for dispatch. However, because of MoEF order the construction activities at site have been suspended. Towards this representative of ECEPL said that the Expert Appraisal Committee (EAC) on environmental impact assessment has already recommended rescinding the stop work order issued on March 1, 2011 and they were expecting final order from MoEF. He informed that as per their estimate there is likelihood of loss of time by about four months thereby shifting the startup power requirement to January, 2013 and commissioning of first unit by July, 2013. On specific query, it was clarified that these timelines may further get extended depending on delay in getting the order from MoEF for resuming the construction activities at site.

Regarding dedicated transmission line to be developed by ECEPL, it was informed that route surveyor is going to be appointed. As regards, the coordinates of pooling station earlier given by POWERGRID it was informed that the location given is final unless there is an objection from locals.

4. Representative of TTCL informed that they have not been able take up the construction of Talcher-Bhrampur-Gazuwaka transmission line mainly due to delay in getting approval u/Section-164. He informed that they have already issued Notice under Force Majeure clause for extension of time by one (1) year i.e. to extend COD to October, 2013 and revision of tariff. CE, CEA stated the extension of COD date or revision of tariff adopted by the Commission is not in the purview of either CEA or CTU. He further enquired about the progress made so far towards the implementation of the system. Representative of TTCL informed that the EPC contract for the line has already been awarded and with regard to acquisition of land for Bhrampur substation he stated that he would revert back and inform about status of the land for substation.
5. ED (POWERGRID) informed that the transmission system for IPP projects in Srikakulam area was planned taking into consideration of 2640 MW capacity each for ECEPL and NCC who had applied for LTOA and 2640 MW connectivity request from Alpha Infracorp. Accordingly, to evacuate more than 5000 MW, 765kV transmission system was planned for Srikakulam projects. However, the NCC and Alfa Infracorp projects are now not coming and the ECEPL has reduced its capacity to 1320 MW only. Further, even

the commissioning of 1320 MW has become uncertain in view of the MoEF order for suspension of work. He said that POWERGRID has already completed all the preliminary activities including preparation of DPR, Section-68 approval, packaging for tendering activities etc. POWERGRID has also submitted advance of ` 6.63 Crores towards Srikakulam Pooling Station land. However, the uncertainty in the ECEPL generation project is impeding going ahead with issuance of NIT, Opening of bids, award etc. He said that under such uncertain scenario, making investment decisions are severely hampered and process for approval of further investment in this transmission system would be initiated when ECEPL gets formal MoEF order /clearance for resuming the work.

6. ED (POWERGRID) further stated that for startup power and interim evacuation of power ECEPL was required to LILO its dedicated line on Behrampur – Gazuwaka line being developed by TTCL. This arrangement was finalized way back in May, 2010 and was confirmed by TTCL in the last Joint Co-ordination Meeting held on 2<sup>nd</sup> February 2011 that their transmission line shall be September, 2012. Now TTCL is asking for time extension of 1 (one) year. Under this situation even the interim arrangement of startup and evacuation is affected. This matter has also been referred to MoP. He further stated that as ECEPL generation is in the area where there is no other 400 kV ISTS available in the vicinity. Therefore he requested, that as the requirement for startup power is quite less ECEPL should explore possibility of taking startup power from any nearby 220/132 kV substation of APTRANSCO, as is the practice with the NTPC projects. ECEPL representative agreed to explore this possibility.
7. CE, CEA stated that in view of the development of events taking place in the entire Srikakulam area causing uncertainty in setting up new generation projects, it may become difficult to recommend go ahead for investment in associated transmission system and especially if MoEF has suspended work for a generation project. He emphasized that on the basis of recommendation of EAC alone it may be difficult for POWERGRID to go ahead with further investment as, in the absence of clear MoEF order, the legal position is that the work is suspended at ECEPL site. It was requested to ECEPL to convey the order of MoEF as and when they receive so as to chalk out future course of action in regard to implementation of the transmission system.
8. The meeting ended with vote of thanks to all the participants.

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**Annexure-I**

**List of participants of the 4<sup>th</sup> Meeting of Joint Co-ordination Committee for High Capacity Corridor for IPPs of Srikakulam Area in Andhra Pradesh held on 12<sup>th</sup> July 2011 in CEA**

**Sl. No. Name and Organization      Designation**

**Central Electricity Authority (CEA)**

1.      Ravinder                              Chief Engineer (SP&PA)
2.      Pardeep Jindal                        Director (SP&PA)

**Power Grid Corporation of India Ltd (POWERGRID)**

3.      Y K Sehgal                              ED (SEF & CE)
4.      Dilip Rozekar                          DGM (SEF)

**Talcher-II Transmission Company Limited (TTCL)**

5.      A K Asthana                             Advisor, RPTL

**East Coast Energy Private Limited (ECEPL)**

6.      B Narasimha Rao                      Vice President
7.      A Mohan Menon                        Advisor
8.      P Srinivasa Murthy                    Sr. General Manager, Energy Infratech

## EAST COAST ENERGY PRIVATE LIMITED



### 2640 MW BHAVANAPADU THERMAL POWER PROJECT PHASE I (2 x 660 MW)



**STATUS UPDATE TILL 10<sup>th</sup> JULY, 2011**

### PROJECT MANAGEMENT GROUP

**Site Office:**

# 8-21 & 22, Satyasai Nagar,  
Raghunadapuram Street,  
Tekkali, Srikakulam District,  
Andhra Pradesh.

**Corporate Office:**

7-1-24, B-Block, 5th Floor,  
Roxana Tower, Green Lands,  
Begumpet, Hyderabad-500 016.  
Andhra Pradesh.

<b>Section</b>	<b>Title</b>	<b>Page No.</b>
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## SECTION -1

### SUMMARY

#### 1) Land

Power Project – 2050 Acres of Land is registered in the name of the company.

Residential Colony – 36.94 Acres of land is registered in the name of the company.

#### 2) Fuel

Indigenous coal – Letter of Assurance (LOA) is obtained from Mahanadi Coal Field (MCL) for 4.273 MTPA.

Imported coal – Signed fuel supply agreement (FSA) with Global Fuels Pte Ltd

#### 3) PPA

Long Term Power Purchase Agreement has been signed with PTC India Ltd.

Amendment to PPA dated 6<sup>th</sup> May, 2009 was signed on 25.06.2010, which will cover 85% of the capacity on Long term basis.

#### 4) Power off – take

##### **Andhra Pradesh Bid:**

- Bid submitted for 620 MW.
- ECEPL stood as L1 in the case-1 Bidding called by Andhra Pradesh utilities (APCPDCL).

#### 5) Power Evacuation

- BPTA has been signed with PGCIL on 05.07.2010 for Gross capacity of 1320 MW.
- Submitted the Bank Guarantee for an amount of Rs. 62.00 crores to PGCIL on 17.07.2010.
- Tender floated for conducting route survey for 400 KV Transmission Line from the Project Switchyard to LILO Point and to PGCIL Pooling Station at Srikakulam
- Participated for 3<sup>rd</sup> Joint coordination meeting called by PGCIL on 01.04.2011.

#### 6) ENVIRONEMBNT

- EAC (Thermal) has recommended MoEF to rescind the suspension order dated 1<sup>st</sup> march, 2011 and Minutes uploaded in MoEF website on 2<sup>nd</sup> June, 2011.
- Awaiting official communication letter from MoEF.

#### 7) Critical Issues

- Revoke of Suspension order dated 1<sup>st</sup> march, 2011 by MoEF.
- Readiness of Gazuwaka - Behrampur 400kV line by Jan, 2013

## SECTION – 2

STATUS OF SITE SPECIFIC STUDIES

S.No	Studies	Agency	Status
1	Terrestrial EIA Study	B.S. Envitech(P) Ltd –Hyderabad.	Completed
2	Marine EIA Study	Indomer Coastal Hydraulics – Chennai.	Completed
3	CRZ Demarcation Study	National Institute of oceanography – Visakhapatnam/Goa.	Completed
4	<b>Railway Siding:</b>		
a	Coal Logistics Study	Aarvee Associates – Hyderabad.	Completed
b	Feasibility report and DPR for the Railway Connectivity	Aarvee Associates – Hyderabad.	Completed
5	Soil Investigation	F.S. Engineers – Chennai.	Completed
6	Area Drainage Study	Energy Infratech Private Limited Pvt. Ltd.	Completed
7	Topographical Survey and Contour	Modern Survey & Mapping Co. – Hyderabad.	Completed
8	Seismic Studies	IIT Madras – Chennai.	Completed
9	Sea Water Analysis	Simhadri Labs - Visakhapatnam.	Completed
10	Load Flow Studies	Power Grid Corporation of India Limited – Gurgaon.	Completed
11	Sea Water Intake & Out fall study	Energy Infratech Private Limited Pvt. Ltd.	Completed

## SECTION – 3

STATUS OF PERMITS & CLEARANCES

S.No	Clearances	Agency	Status
1	Environmental Clearance	TOR for the project was cleared by MoEF Expert Appraisal Committee vide letter No.J – 13012/102/2007-IA.II (T) on 06.08.2007.	Obtained
		The Public Hearing for the Project was conducted by AP Pollution Control Board near the Project site on 23.04.2008.	
		Environmental Clearance issued vide MoEF letter No. F.No. J – 13011/36/2008 – IA II(T) on 09.04.2009.	
2	Consent for Establishment	Consent for Establishment (CFE) received from APPCB vide letter No. 161 / PCB / CFE / RO-VZM / HO / 2009-645 dated 15.06.2009.	Obtained
3	Airport Authority – NOC	Airports Authority of India has issued NOC for construction of Chimney for the Project their vide letter No.AAI/20012/1350/2007 – ARI (NOC) dated 4 <sup>th</sup> March, 2008.	Obtained
4	Sea Water Drawl	Permission for Sea Water drawl of 168 cusecs from the Govt. of AP vide their Memo No.882/PI(1)/2008 – 2 dated 10 <sup>th</sup> June, 2008.	Obtained
5	Defence Clearance	NOC from Ministry of Defence their vide letter No.21 (26)/2007/D(Coord) dated 25 <sup>th</sup> May 2009.	Obtained
6	Forest Department – NOC	Government of Andhra Pradesh (Forest Department) has issued a NOC for setting up the Project at Kakarapalli village on 07/01/2009.	Obtained
7	Fuel Linkage – Coal	LOA has been received from MCL for	

		4.273 MTPA on date 11.06.2009. Agreement has been entered with Global Fuels Pte. Ltd., Singapore for balance quantity of imported coal vide dated 23.04.2009.	Obtained
8	<b>Railway Siding (Rail Transport Clearance)</b>	RTC clearance from East Coast Railways their vide Letter No. COM/plg./BBS/RTC/23/pt – V. dated 17.08.09. Approval obtained from East Coast Railways for Railway Siding & Marshaling yard dated 16.11.2009. DPR was submitted to East Coast Railways for and expected to be cleared by East Coast Railways by July, 2011.	Obtained  In progress
9	<b>Diversion Drain</b>	Approval for execution of external drainage system from executive engineer. I & CAD, irrigation division, Srikakulam	Completed
10	<b>Mega Power Status</b>	In principle Mega Power Project status from Ministry of Power obtained on 30.07.2009	Obtained
11	<b>CRZ clearance</b>	Coastal Regulatory Zone (CRZ) clearance from MoEF expert appraisal committee for CRZ & Infrastructure. Cleared, official communication is awaited	In progress
12	<b>Panchayat Approval</b>	Panchayat approval for commencement of civil work at site obtained on 27.06.2009	Obtained
13	<b>Township</b>	Panchayat approval for commencement of civil work Obtained on 14.11.2009	Obtained
14	<b>DT&amp;CP</b>	Director of Town & Country planning (DT&CP) approval obtained on 28.08.2010	Obtained

15	<b>Director of Factories</b>	Approval received for Layouts from Director of Factories, GoAP on 12.01.2011.	Obtained
16	<b>Project Registration with customs</b>	Principal Secretary (Energy) has issued the Certificate of project imports for project registration with customs.	Obtained
17	<b>Section 68 Clearance</b>	Approval received from Ministry of Power on 06.06.2011	Obtained
18	<b>IBR Approval</b>	CIB approval received from Ministry of Commerce & Industry on 30.06.2011	Obtained

## SECTION – 4

CONSTRUCTION STATUS/ SITE ACTIVITIES

S.No	Item	Description	Status
1.	Site enabling/infrastructure works	a) The Project Works have commenced at the Project Site w.e.f. 17 <sup>th</sup> June, 2009.	Works commenced.
		<ul style="list-style-type: none"> <li>• Site Offices</li> <li>• Approach Roads</li> <li>• Storage sheds</li> <li>• Construction Power</li> <li>• Construction Water</li> <li>• Weigh bridge &amp; Control Room</li> <li>• Fire station complex</li> <li>• Gate Complex</li> <li>• Security &amp; Medical centre</li> <li>• Nursery</li> <li>• Temple</li> <li>• Security barracks</li> <li>• Water storage reservoir</li> <li>• Diversion drain.</li> </ul>	Completed
		<ul style="list-style-type: none"> <li>• Boundary Wall &amp; Fencing</li> <li>• Canteen Building</li> <li>• Administrative Building</li> </ul>	Partially Completed
2	BoP & Civil Works		
a	Chimney Area	Piling Work ( 285 No.s)	Completed

		Pile Cap	In Progress
b	Boiler Area Unit # 1 &2	Piling Work ( 546 No.s)	Completed
		Pile Cap	Partially Completed
c	T.G Building Area	Piling Works (801 No.s)	316 No.s completed
d	ESP & FF Area- Unit #1	Piling Works (234 No.s)	108 No.s completed
3.	<b>Residential Colony</b>	a) The Residential Colony in an area of 35 Acres to accommodate about 400 employees is under construction.	Partially Completed
		Field Hostel (Consisting of 60 rooms)	Two floors completed and remaining two floors are nearing completion
		b) Two blocks of staff quarters (24 flats)	Completed
		c) The remaining quarters, guest house, Recreation facilities etc are in construction and would be handed over progressively.	Partially Completed

## SECTION – 5

### STATUS OF CORPORATE SOCIAL RESPONSIBILITY

ECEPL has undertaken various Corporate Social Responsibility (CSR) activities in the vicinity of the Project site. The core areas covered under the CSR activities are Training/Education, Infrastructure, Health, Sports, etc. These activities have been taken up with the help of the District Administration.

## SECTION – 6

### COMMISSIONING SCHEDULE

- **Unit #1 – July, 2013**
- **Unit # 2 –October, 2013**

**SECTION – 7**

**PHOTOGRAPHS**



**BOILER STRUCTURES ARE STORED AT VIZAG PORT**



**BOILER STRUCTURES ARE STORED AT VIZAG PORT**



UPPER STRUCTURES OF BOILER STORED IN DEC WORKS IN CHINA FOR SHIPPMENT



BOILER STRUCTURES ARE TRANSPORTING TO SHANGHAI PORT



**BOILER STRUCTURES ARE STORED IN SHANGHAI PORT**



**BOILER STEEL GRID ARE STORED IN SHANGHAI PORT**



**LENDERS SITE VISIT**



**LENDERS SITE VISIT**



**4<sup>TH</sup> ADVISORY COMMITTEE MEETING HELD ON 09.06.2011**



**4<sup>TH</sup> ADVISORY COMMITTEE MEETING HELD ON 09.06.2011**



MEDICAL CAMP CONDUCTED AT NAUPADA PHC ON 07.07.2011



MEDICAL CAMP CONDUCTED AT NAUPADA PHC ON 07.07.2011