

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.

Ref. No.: C/ENG/SEF/S/00/CONN

Date : 10 July 2012

To

As Per Distribution List

**Subject: 15<sup>th</sup> meeting of Southern Region constituents regarding Connectivity & Long-term Access Applications of IPPs in Southern Region as per CERC Regulations, 2009 – Agenda.**

Dear Sir,

Please find enclosed the Agenda Note for 15<sup>th</sup> meeting of Southern region constituents regarding Connectivity & Long-term Access Applications of IPPs in Southern Region as per CERC Regulations, 2009.

The agenda is also available at our website [www.powergridindia.com](http://www.powergridindia.com) >> Quick Links. The date & venue for the meeting shall be intimated separately.

Thanking You,

Yours faithfully

(Pankaj Kumar)

Executive Director (ERP, SEF & CE)

Copy to : ED (Commercial) / ED(SR-I) / ED (SR-II) / CEO (POSOCO)

Encl: Agenda

## Distribution List – 1

<b>1. Member (PS)</b> Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110 066. FAX : 011-26102045	<b>2. Chief Engineer (SP &amp; PA)</b> Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110 066. FAX : 011-26102045
<b>3. Member Secretary</b> Southern Regional Power Committee 29, Race Course Cross Road Bangalore 560 009. FAX : 080-22259343	<b>4. Director (Transmission)</b> Transmission Corp. of Andhra Pradesh Ltd. Vidyut Soudha Hyderabad – 500 082. FAX : 040-66665137
<b>5. Member (Transmission)</b> Karnataka State Power Transmission Corp.Ltd. Cauvery Bhawan Bangalore 560 009. FAX : 080 -22228367	<b>6. Member (Transmission)</b> Kerala State Electricity Board Vidyuthi Bhawanam, Pattom, P.B. No. 1028 Thiruvananthapuram – 695 004. FAX : 0471-2444738
<b>7. Director (TANTRANSCO)</b> Tamil Nadu electricity Board (TNEB) 6 <sup>th</sup> Floor, Eastern Wing, 800 Anna Salai, Chennai – 600 002. FAX : 044-28516362	<b>8. Superintending Engineer –I</b> First Floor, Electricity Department Gingy Salai Puducherry – 605 001. FAX : 0413-2334277/2331556
<b>9. Director (Power)</b> Corporate Office, Block – I Neyveli Lignite Corp. Ltd. Neyveli , Tamil Nadu – 607 801. FAX : 04142-252650	<b>10. Director (Operations)</b> Nuclear Power Corporation of India Ltd., 12 <sup>th</sup> Floor, Vikram Sarabhai Bhawan, Anushakti Nagar, Mumbai – 400 094. FAX : 022- 25991258
<b>11. Director (Projects)</b> National Thermal Power Corp. Ltd. (NTPC) NTPC Bhawan, Core-7, Scope Complex Lodhi Road, New Delhi-110003. FAX-011-24360912	

## **Distribution List – 2 (Connectivity/LTA Applicants)**

<p><b>1. Sh. C.R. Srinivas</b> Associate Vice President – Projects M/s Mytrah Energy (India) Ltd 8001, Q-City, S.No:109,Nanakramguda, Gachibowli, Hyderabad - 500032, India</p>	<p><b>2. Sh. Naresh Panchal</b> Head &amp; GM Samimeru Windfarms Pvt. Ltd. One Earth Opp. Magarpatta City , Hadapsar, Pune-411028, Maharashtra, India</p>
<p><b>3. Sh. Naresh Panchal</b> Head &amp; GM Suzlon Power Infrastructure Ltd. One Earth Opp. Magarpatta City , Hadapsar, Pune-411028, Maharashtra, India</p>	<p><b>4. Sh. B. S. Yadav</b> Chief Executive Officer M/s RS India Global Energy Limited 3<sup>rd</sup> Floor, GL Complex, Opp. Udyog Vihar (Dundahera), Old Delhi Gurgaon Road, Gurgaon-122016, Haryana</p>

## Agenda Note for 15<sup>th</sup> Meeting of Southern Region constituents regarding Connectivity/LTA Applications of IPPs in SR

### 1.0 AGENDA FOR THE MEETING

- 1.1 To consider grant of Connectivity 8 nos. of applications from wind farm developers who have applied for grant of Connectivity as per CERC (Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-State Transmission and related matters) Regulations, 2009 as per details given below in Table. The terms and conditions applicable for connectivity applications are given at **Annexure-I**.

#### **Application from IPP developers** →

Sl. No	Applicant	Time frame	Location	IC (MW)	Connectivity Sought for (MW)
1.	Mytrah Energy (India) Limited	March, 2013	Tirunelveli Dist., Tamil Nadu	300	100
2.	SISL Green Infra Limited **	December, 2012	Tirunelveli Dist., Tamil Nadu	48.5	48.5
3.	Samimeru Windfarms Private Limited **	December, 2012	Tirunelveli Dist., Tamil Nadu	48.5	48.5
4.	Samiran Udaipur Wind farms Limited **	March, 2013	Tirunelveli Dist., Tamil Nadu	48.5	48.5
5.	Shivam Filaments Private Limited **	March, 2013	Tirunelveli Dist., Tamil Nadu	48.5	48.5
6.	R.S. India Global Energy Limited	March, 2014	Tirunelveli Dist., Tamil Nadu	270	270
7.	Suzlon Power Infrastructure Limited	March, 2014	Tirunelveli Dist., Tamil Nadu	1000	850
8.	Suzlon Power Infrastructure Limited	December, 2012	Coimbatore Dist., Tamil Nadu	200	180
	<b>Total</b>			<b>1964</b>	<b>1594</b>

*\*\* Note – M/s Samimeru Windfarms Pvt. Ltd. shall be the lead generator for connectivity applications of wind generators mentioned in table at Sl. No. 2 – 5.*

### 2.0 GRANT OF CONNECTIVITY

- 2.1 From the above table it may be seen that the wind farms being developed are mainly located in Tirunelveli area, Tamil Nadu and last one is located in Coimbatore area, Tamil Nadu.
- 2.2 The connectivity may be provided to these wind farms through establishment of a new pooling station in the area with 400/220/132kV levels tentative location as given at **Annexure-II** for integration of the wind power and the pooling station may be inter-

connected to Tuticorin pooling station though high capacity transmission lines for onwards dispersal of power.

2.3 In view of the above following transmission system for Connectivity is proposed:

**common Transmission system for Connectivity (Through tariff based competitive bidding)**

1. Establishment of new pooling station in Tirunelveli area with 400/220/132kV levels
2. Tirunelveli pooling station – Tuticorin pooling station 400 kV Quad 2xD/c lines

**Immediate Transmission system for Connectivity**

Sl. No	Applicant	Location	Connectivity Sought for (MW)	Connectivity System
1.	Mytrah Energy (India) Limited	Tirunelveli Dist., Tamil Nadu	100	Mytrah wind farms –Tirunelveli PS 230kV D/c line
2.	SISL Green Infra Limited	Tirunelveli Dist., Tamil Nadu	48.5	SISL wind farms –Tirunelveli PS 132kV D/c line
3.	Samimeru Windfarms Private Limited	Tirunelveli Dist., Tamil Nadu	48.5	Samimeru wind farms – Tirunelveli PS 132kV D/c line
4.	Samiran Udaipur Wind farms Limited	Tirunelveli Dist., Tamil Nadu	48.5	Samiran wind farms – Tirunelveli PS 132kV D/c line
5.	Shivam Filaments Private Limited	Tirunelveli Dist., Tamil Nadu	48.5	Shivam wind farms –Tirunelveli PS 132kV D/c line
6.	R.S. India Global Energy Limited	Tirunelveli Dist., Tamil Nadu	270	RS India wind farms – Tirunelveli PS 230kV D/c (twin moose) line
7.	Suzlon Power Infrastructure Limited	Tirunelveli Dist., Tamil Nadu	850	Suzlon wind farms –Tirunelveli PS 400kV D/c line
8.	Suzlon Power Infrastructure Limited	Coimbatore Dist., Tamil Nadu	180	Suzlon switchyard –Pugalur 230 kV D/c (twin moose) line
	<b>Total</b>		<b>1594</b>	

2.4 Considering the progress it is proposed to grant Connectivity to the above wind farms being established by various IPP developers as per details given above.

**Members may discuss the above proposals and decide.**

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## **Annexure-I**

### **TERMS AND CONDITIONS APPLICABLE FOR CONNECTIVITY APPLICATIONS**

The following may be noted by all the applicants who have applied for Connectivity:

1. **The grant of connectivity shall not entitle to interchange any power with the grid unless it obtains long-term access, medium term open access or short term open access.** However, the IPPs shall be allowed to undertake interchange of power including drawl of power for commissioning activities and injection of infirm power in to the grid during full load testing before being put into commercial operation, even before availing any type of open access, after obtaining permission of the concerned regional load dispatch centre, which shall keep grid security in view while granting such permission.
2. Transmission system strengthening shall be identified to facilitate power transfer on long-term basis once above applicants apply for Long-term Access as per CERC Regulations, 2009.
3. All the applicants are required to inform/confirm following to facilitate connectivity:
  - i. Likely date of synchronization, likely quantum and period of injection of infirm power before being put into commercial operation to the SLDC and RLDC concerned at least one month in advance.
  - ii. As per the procedure for connectivity approved by CERC, the time frame for commissioning of dedicated transmission system from the signing of Transmission Agreement would be 9 months plus the time lines as specified by CERC in tariff regulations, 2009. If the time available is less than the above stipulated time frame then CTU shall approach CERC for appropriate direction in the matter.
  - iii. In case the dedicated transmission system upto point of connection is to be undertaken as a party of coordinated transmission plan, then it shall be implemented by Inter-State Transmission Licensee (including CTU) as per the decision of Empowered Committee on Transmission. In such cases, the applicants need to sign transmission agreement within one month of grant of connectivity, furnish requisite Bank Guarantee and fulfill other terms &

conditions as stipulated in the CERC Regulations/Detailed Procedure, 2009 in this regard.

- iv. The scope of works at generation switchyard like line terminal bays, bus/line reactors, associated bays etc. shall be under the scope of respective generation developer/applicant.
- v. The applicants shall abide by all provisions of the Electricity Act, 2003, CERC(Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-State transmission and related matters) Regulations, 2009, CEA (Technical Standards for connectivity to the Grid) and Indian Electricity Grid Code as amended from time to time.
- vi. The applicant shall have to apply for “Connection Offer” to CTU at least more than 2 years prior to physical interconnection as well as have to sign “Connection Agreement” with CTU prior to physical interconnection as per CERC Regulations, 2009.

**Annexure-II**

