

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.

C/SEF/W/06/17th OA Agenda

18-12-2012

To,

As per Distribution List

**Sub: 17<sup>th</sup> meeting of Western region constituents regarding Connectivity & Long term Access Applications of Western Region as per CERC Regulations, 2009 – Supplementary Agenda.**

Dear Sir,

We write with reference to the 17<sup>th</sup> Meeting of Western Region Constituents regarding Connectivity & Long term Access applications of IPPs in Western Region as per CERC Regulations, 2009 scheduled to be held on 03.01.2013.

In this regard please find enclosed the Supplementary Agenda Note proposed to be discussed in the Open Access meeting.

The Supplementary agenda is also available at our website [www.powergridindia.com](http://www.powergridindia.com) >> Long term Access & Medium term Open Access information.

Thanking You,

Yours faithfully,

(Y K Sehgal)

Chief Operating Officer  
Central Transmission Utility

Encl: As above

1.	<b>Shri Ravinder</b> Member (PS) Central Electricity Authority Sewa Bhawan, R.K.Puram New Delhi-110 066	2.	<b>Chairmann &amp; Managing Director</b> MPPTCL, Block No. 3 Shakti Bhawan, Rampur, Jabalpur-482 008
3.	<b>The Member Secretary</b> Western Regional Power Committee MIDC area, Marol, Andheri (E) Mumbai 400 093	4.	<b>Executive Engineer</b> Electricity Department UT of Dadra & Nagar Havelli, Post Naroli-396 235 Silvassa
5.	<b>Shri K. K. Arya</b> Chief Engineer(SP & PA) Central Electricity Authority Sewa Bhawan, R.K.Puram New Delhi-110 066	6.	<b>The Chief Engineer</b> Electricity Department The Government of Goa Panaji
7.	<b>Managing Director</b> Gujarat Energy Transmission Corp. Ltd, Sardar Patel Vidyut Bhawan, Race Course, Vadodra -390 007	8.	<b>Shri R.K. Oke</b> Chief Engineer(Transmission) Nuclear Power Corpn. of India Ltd. 12 <sup>th</sup> Floor, North wing, VS Bhawan Anushaktinagar, Mumbai-400 094
9.	<b>Executive Engineer</b> UT of Daman & Diu Administration, OIDC Corporate Office, Plot No. 35 Somnath, Daman Pin 396210	10.	<b>Director (Operation)</b> MSETCL. 4 <sup>th</sup> Floor, "Prakashganga" Plot No. C-19, E-Block Bandra – Kurla Complex, Bandra(East), Mumbai- 400051
11.	<b>Managing Director</b> Chhattisgarh State Transmission Co. Ltd. Dangania Raipur- 492 013	12.	<b>Executive Director (Engg.)</b> NTPC Ltd, EOC, Plot no. A-8A, Sector-24, Post Box. 13, Noida 201 301 (U.P)
13.	<b>CEO</b> POSOCO B-9, Qutab Institutional Area Katwaria Sarai, New Delhi-110 016	14.	<b>GM, WRLDG</b> F-3, M.I.D.C. Area Marol, Andheri (E) Mumbai-400 093
15.	<b>Sh. H. M. Jain</b> Vice President (Power) ACB (India) Ltd. 7th Floor, Ambience Corporate Tower, Ambience Mall, NH-8, Gurgaon, Haryana -122001	16.	<b>Sh. Pankaj Verma</b> Sr. Vice President (Coordination) Jaypee Sidhi Cement Plant Jaypee vihar, Vill.-Majhgawan, P.O.- Bharatpur, Dist.- Sidhi (M.P.)
17.	<b>Sh. S.K. Sharma</b> Additional General Manager NTPC Ltd. NTPC Bhawan, Core-7, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003	18.	<b>Sh. A. B. Bajpai</b> Chief General Manager (Comml.) M.P. Power Management Co. Ltd. 3rd Floor, Block No. 11, Shakti Bhawan, Rampur, Jabalpur, Madhya Pradesh – 482008
19.	<b>Col. A. K. Dubey</b> Chief Administrator (CEO) Sona Power Pvt. Ltd. 35/75, Punjabi Colony, Near SBI Zonal Office, Katora Talab, Raipur, Chhattisgarh	20.	<b>Mr. B.L. Agrawal</b> Director Godawari Energy Ltd., First Floor, Hira Arcade, Near New Bus Stand, Pandri, Raipur

21.	<b>Mr. R.K.Agarwal</b> Executive Director Sarda Energy and Minerals Ltd., 1st Floor, Vaujiya Bhawan, Jail Road, Devendra Nagar square, Raipur-492001	22.	<b>Mr. Satish Shrikhande</b> General Manager, Regal Energy Ltd., 6th Floor, Land Mark Building, Ramdaspath, Wardha Road, Nagpur – 440010
23.	<b>Mr. Ankush Goyal</b> Executive, Ozone Steel and Power Limited, BF-2, First Floor, Rajiv Plaza, Opposite Axis bank, Bilaspur (C.G)	24.	<b>Mr. Ashok Kumar Chadha</b> Director, Jain Energy (Chhattisgarh) Pvt. Ltd., 5th Floor, Premlata, 39, Shakespeare Sarani, Kolkata – 70017
25.	<b>Mr. N. H. Hussaini</b> Vice President, Shri Lakshmi Power Ltd., B 2/3, 3rd Floor, C.G. Elite, Opposite Mandi Gate, Pandri, Raipur (Chhattisgarh)	26.	<b>Mr. C. S. Mani</b> Director (Technical) Petronet LNG Ltd. 1st Floor, World Trade Centre, Babar Road, Barakhambha Lane, New Delhi - 110001
27.	<b>Mr. Neeraj Agarwal</b> VP-Thermal Welspun Energy Anupur Pvt. Ltd. 3rdFloor, The Press Trust of India Building 4, Parliament Street New Delhi 110001	28.	<b>Mr. R.K.Madan</b> CEO Adani Power Dahej Limited Adani house, Plot no.83, Sector-32, Gurgaon-122001
29.	<b>Mr. Pramod Gupta</b> Sr. Vice President Bharuch Power Limited Dhirubhai Ambani Knowledge City I-Block, 2nd floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai (Maharashtra) – 400710	30.	<b>Mr. R. Mani Mathavan</b> Vice President Astarc Power Pvt Ltd. Astarc house, 76/79, Makwana Lane, Takpada. Off. Andheri Kurla Road, Marol, Andheri (East), Mumbai-400059
31.	<b>Mr. I. R. Venkatraman</b> Asst. General Manager Ellora Paper Mills Ltd 6th Floor, Landmark Building, Ramdaspath, Wardha Road, Nagpur – 440004	32.	<b>Sh. Manven Dubey</b> Vice President-Projects Sintex Power Ltd. Abhijit-I, 704, 7th Floor, Mithakhali Six Roads, Ellisbridge, Ahmedabad Gujarat 380006
33.	<b>Sh. Suresh Medikonda</b> Vice President Banas Thermal Power Pvt. Ltd. Plot No. 270, Phase-III, Udyog Vihar, Gurgaon Haryana 122016		

**1. POWERGRID has received application for grant of Long term Access (LTA) as per CERC regulation 2009 from the following applicants.**

- 1 M.P Power Management Co. Ltd.

**1.0. Details of LTA Applications**

**1 M.P. Power Management Co. Ltd.**

Long term Access was sought by M.P Power Trading Co. Ltd. (MP Tradeco) for drawing 246 MW power from 2x600MW power project in Dist. – Annupur, M.P of M/s Jhabua Power Ltd. A brief of application is as under:

I. Details of the application is as under :

S.No.	Particulars	M.P. Power Management Co. Ltd.
1	Capacity for which LTA is required (MW)	246 MW Target regions- Madhya Pradesh (246 MW)
2	Date from which LTA is Required	Apr'2013 for 20 years from grant of LTA
3	Location of Generating Station	Bulk Consumer
4	Installed Capacity (MW)	2x600 MW= 1200MW M/s Jhabua Power Ltd. Dist. Annupur, M.P

**II. Proposal for LTA**

M/s Jhabua Power Ltd. has been granted LTA for 210MW as per CERC Regulations 2009, from their proposed generation project located in Annupur, M.P. through Jhabua TPS – Jabalpur Pool S/s 400kV D/c line (High Capacity) being implemented by generation developer.

MPPMCL has signed PPA with M/s Jhabua Power Ltd. for drawing 246MW power from the above 2x600MW power project in Annupur, M.P. As per the provisions of PPA, it is the responsibility of MPPMCL to arrange for evacuation of 246MW power from the project bus bar. Accordingly, MPPMCL has applied for LTA for drawl of 246 MW from the above generation project through regional network at CTU-STU (MPPTCL) interconnection points.

Since LTA for this quantum has already been granted to M/s Jhabua Power Ltd., it is proposed to provide long term access to MPPMCL for transfer of 246 MW power from Jhabua Power to MP at various CTU-STU interconnection points through Jhabua TPS – Jabalpur Pool S/s 40kV D/c line (high capacity) being developed by generation developer.

- a) Since Jhabua TPS – Jabalpur Pool S/s 40kV D/c line (high capacity) is a dedicated line, mechanism for sharing of transmission charges for above line shall be mutually worked out by MPPMCL and Jhabua Power Ltd.

- b) MPPMCL shall sign LTAA and TSA with POWERGRID for sharing of transmission charges corresponding to 246MW.
- c) The sharing of transmission charges shall be as per the CERC Regulations and its amendments thereof.
- d) LTA shall be effective from the date of availability of dedicated transmission system mentioned above or date of LTA sought whichever is later.

## 2.0. Details of Connectivity / LTA Applications

### 1 NTPC Ltd. Lara STPP- I, Chhattisgarh

M/s NTPC Ltd. had applied for Connectivity and Long Term Access (LTA) for its 1600MW generation project in Distt. Lara, Raigarh, Chhattisgarh as per the CERC regulations, 2009. The applications were discussed in the 15<sup>th</sup> meeting of WR constituents regarding connectivity / open access applications held on 21.10.11. In view of poor progress of the generation project at that time, M/s NTPC Ltd. was granted "In-Principle" Connectivity and LTA. Now, M/s NTPC have informed that considerable progress has been made by the generation project. Keeping this in view the "In-Principle" Connectivity /LTA granted to NTPC has been reviewed.

A brief of the application is as under:

S. No.	Particulars	NTPC Ltd- Lara STPP-I
1	Installed Capacity (MW)	2x800= 1600 MW
2	Capacity for which LTA is required (MW)	1586.51 MW
3	Date from which LTA is Required	U I – 31.05.2015 (793.25 MW) U-II – 30.11.2015 (1586.51MW) Upto 30.11.40 (25 years)
4	Location of Generating Station	Village/Town- Chhapora /Lara/ Lohakhan District – Raigarh, Chhattisgarh
5	Commissioning schedule (Unit Wise)	U-I : Oct'15, U-2 : Apr'16
6	Step up voltage of Generating station (kV)	400kV
7	Beneficiaries (as per tentative allocation by Gol)	CSPDCL – 793.25 MW; MP TRADECO – 130.68 MW; GUVNL – 180.71 MW; MSEDCL – 226.21 MW; GOA – 8.97 MW; UT DHN – 5.29 MW; UT DD – 3.42 MW

As informed by the applicant, the current status of generation project is as follows:

S No.	Particulars	NTPC Ltd- Lara STPP-I
1.	Land	Total land Required : 1280 Acres Land Under Possession : 899 Acres
2.	Environmental clearance	The environmental clearance has been accorded by MOEF.
3.	Fuel Arrangement	Talaipalli mine (captive coal blocks) being developed by NTPC. MDO for Talaipalli mines appointed.
4.	Water arrangement	Commitment of 45 Cusecs available from Saradih barrage on river Mahanadi.

In view of the satisfactory progress made by the generation project, it is proposed to grant final Connectivity and LTA to Lara project of M/s NTPC Ltd.

### I.Proposal for Connectivity

M/s NTPC Ltd. is granted connectivity through following tr. system:

- Lara- I TPS – Champa Pooling station 400kV D/c (Quad) .  
(Transmission line to be implemented through Tariff based Competitive bidding and 2 nos. 400kV line bays at Champa Pooling station to be implemented by POWERGRID)

Considering above connectivity arrangement, provision of following at generation switchyard, implementation of which shall be under the scope of M/s NTPC Ltd., is proposed:-

- Generation step up at 400kV
- 400kV line bays : 2nos.
- 400kV bus reactor : 1x125MVAR
- 400kV bus reactor bay : 1 no.

### II.Proposal for LTA

M/s NTPC Ltd. is provided LTA through following system strengthening:-

Transmission system strengthening in WR –NR Tr. Corridor (To be shared along with other IPPs) (Under the scope of POWERGRID)

- Up-gradation of  $\pm 800$ kV, 3000MW HVDC bipole between Champa Pooling station – Kurukshetra (NR) to 6000MW
- Kurukshetra (NR) – Jind 400kV D/c ( Quad)
- Kurukshetra (NR) – Suitable location near Ambala 400kV D/c (quad)



- a) M/s NTPC Ltd. / Beneficiaries shall sign TSA with POWERGRID for sharing of transmission charges corresponding to 1586.51MW.
- b) The identified transmission system strengthening shall be after signing of TSA by the applicant / Beneficiaries. LTA shall be effective from the date of availability of above transmission strengthening.
- c) M/s NTPC Ltd. / Beneficiaries shall sign TSA with POWERGRID for sharing of transmission charges corresponding to 1586.51MW.
- d) The sharing of transmission charges shall be as per CERC Regulations and its amendments thereof.

**Members may discuss.**

## **2. Modification of LTA Quantum of M/s Spectrum Coal and Power Ltd.**

M/s Spectrum Coal and Power Ltd. (SCPL) had been granted LTOA for transfer of 100 MW (WR constituents: 50MW & CSEB : 50MW) from their 2x50 MW Korba generation project as per CERC (Open Access in ISTS) Regulations, 2004 in the 10<sup>th</sup> meeting of WR constituents for Long-term Open Access Applications in WR.

M/s SCPL vide their letter dated 06.11.12 have stated that as per the CERC (Open Access in ISTS) Regulations, 2004, LTOA was for the total installed capacity as the transmission charges were based on pooled capacity of all the generation plants in the region. However, as per the new CERC Regulations, 2009, transmission charges were to be levied on the basis of power evacuated. In view of this, M/s SCPL have requested to revise the quantum of LTOA from 100MW to 88MW.

Further, M/s SCPL vide their letter dated 11.10.12 have informed that work for 2<sup>nd</sup> unit of 50MW is yet to commence as environmental clearance for their 2<sup>nd</sup> unit is still awaited. Hence, they requested to revise the LTOA commencement schedule of 2<sup>nd</sup> unit as June'14.

Further, SCPL has informed that Govt. of Chhattisgarh has conveyed its acceptance for purchase of only 5% of net power as against 35% earlier.

Thus, M/s Spectrum Coal and Power Ltd. have proposed following revision in LTOA:-

<b>Unit -I (existing)</b>	<b>Unit-II (June'14)</b>
Chhattisgarh :2.25MW	Chhattisgarh :2.25MW
WR : 41.75MW	WR :41.75MW
<b>Total : :44MW</b>	<b>Total : :44MW</b>

**Members may discuss.**

### 3. Closure of long pending Connectivity /LTA applications due to non – satisfactory progress of generation project.

In the 16<sup>th</sup> Meeting of Western Region Constituents regarding Connectivity and Long term Access Applications of Western Region, closure of connectivity/LTA applications that have been granted provisional/In principle connectivity/LTA and the applications which have been put on hold was discussed. It was agreed that based on the progress achieved by the month of Nov'12 by these projects, either final connectivity/LTA shall be granted or application shall be closed.

The progress of these projects has been submitted by generation developers. In view of poor progress of the generation projects, following applications are closed:-

#### LTOA applications (As per CERC Regulations, 2004)

Sl. No	Connectivity & LTA Applicant As per CERC Regulations, 2004	Installed Capacity	Applied for Connectivity & LTA Quantum
1.	Sona Power Ltd.	600MW	LTOA –600 MW
2.	Godawari Energy Ltd.	1200MW	LTOA –1025 MW
3.	Sarda Energy & Minerals Ltd.	1320 MW	LTOA –1200 MW

#### Applications for Connectivity/LTA (As per CERC Regulations, 2009)

Sl. No	Connectivity & LTA Applicant as per CERC Regulations, 2009	Installed Capacity	Applied for Connectivity & LTA Quantum
1.	NTPC Ltd. Barethi - I	3960 MW	Connectivity –1320 MW
2.	Regal Energy Ltd.	2640MW	Conn –2640 MW
3.	Ozone Steel and Power Limited	350MW	Conn –350 MW LTA – 320 MW
4.	Jain Energy (Chhattisgarh) Pvt. Ltd	1320MW	Conn –1320 MW
5.	Shri Lakshmi Power Ltd	360MW	Conn –360MW LTA – 213 MW
6.	Nuclear Power Corporation of India Ltd	3480MW	Conn –3480MW
7.	Welspun Energy Anuppur Pvt. Ltd.	1320MW	Conn – 1320 MW
8.	Adani Power Dahej Limited	2640MW	Conn – 2640 MW
9.	Bharuch Power Limited	7200MW	Conn – 7200 MW
10.	Astarc Power Pvt Ltd.	1320MW	Conn – 1241 MW
11.	Ellora Paper Mills Ltd	2640MW	Conn – 2640 MW
12.	Petronet LNG Ltd.	1200MW	Conn – 1200 MW
13.	Banas Thermal Power Pvt Ltd.	1320MW	Conn – 1320 MW
14.	Sintex Power Ltd.	1720MW	Conn- 1660MW



In addition to above, the progress of various projects was reviewed during 4<sup>th</sup> Joint co-ordination Committee meeting held on 9.07.2012. During the meeting, the progress of M/s Aryan (M.P) Power generation Pvt. Ltd. was found unsatisfactory. In view of this, it is proposed to close the application of M/s Aryan (M.P) Power generation Pvt. Ltd. (1200 MW) also .

These applicants can apply afresh whenever the project has made some progress.

**Members may note.**

#### **4. Grant of MTOA**

##### **a) 40.5 MW to UT DNH from 01.04.13 to 31.3.14**

Proposal of grant of MTOA for application of Electricity Department UT DNH for transfer of 40.5MW from NSPCL (2x250MW) generating station located in Bhilai, was earlier circulated to WR constituents and WRLDC vide letter dated 23.10.12.

Comments on the grant of MTOA for 40.5 MW to UT DNH has been received from GETCO raising concerns about over loading of GETCO system in supplying power to UT-DNH. In this regard, it is to be mentioned that transmission strengthening schemes for supplying power to UT DNH are under implementation by POWERGRID and they shall be available by the time this MTOA would be operational i.e. 01.04.13. Thus, all the issues raised by GETCO shall be addressed by the implementation of transmission strengthening schemes to supply power to UT DNH.

Further, MTOA for 64MW from NSPCL (2x250MW) to UT DNH is already operational till 31.03.13.

In view of the above , MTOA of 40.5 MW has been granted to UT DNH for the period of 01.04.13 to 31.03.14.

##### **b) 107 MW from BALCO Ltd. to MPPCL from 01.04.13 to 31.07.13**

Proposal of grant of MTOA for application of BALCO Ltd. for transfer of 107 MW power from 220kV Korba(East) Substation located in Chhattisgarh to MPPCL (Madhya Pradesh Power management Co. Ltd.) was earlier circulated to WR constituents and WRLDC vide letter dated 27.11.12.

As no objection to above MTOA was raised, MTOA was granted to BALCO Ltd. for transfer of 107MW to MPPCL from 220kV Korba(East) Substation located in Chhattisgarh. MTOA of 107 MW has been granted to BALCO Ltd. for the period of 01.04.13 to 31.07.13.

##### **c) 102 MW to BALCO Ltd. to MPPCL from 01.08.13 to 31.03.14**

Proposal of grant of MTOA for application of BALCO Ltd. for transfer of 102 MW power from LILO of 400kV Korba – Birsinghpur line at BALCO TPS to MPPCL (Madhya Pradesh Power management Co. Ltd.) was

earlier circulated to WR constituents and WRLDC vide letter dated 27.11.12.

As no objection to above MTOA was raised, MTOA was granted to BALCO Ltd. for transfer of 107MW to MPPCL from 220kV LILO of 400kV Korba – Birsinghpur line at BALCO TPS. MTOA of 102 MW has been granted to BALCO Ltd. for the period of 01.08.13 to 31.03.14.

**d) 309MW to CSPDCL to MPPCL from 01.04.13 to 31.03.14.**

Proposal of grant of MTOA for application of CSPDCL (Chhattisgarh State Power Distribution Co. Ltd.) for transfer of 309MW from inter connection of Chhattisgarh STU with CTU in Western Region to MPPCL (Madhya Pradesh Power management Co. Ltd.) was earlier circulated to WR constituents and WRLDC vide letter dated 27.11.12.

As no objection to above MTOA was raised, MTOA was granted to CSPDCL for transfer of 309 MW to MPPCL from inter connection of Chhattisgarh STU with CTU in Western Region. MTOA of 309 MW has been granted to CSPDCL for the period of 01.04.13 to 31.03.14.

**Members may note.**

**5. Cancellation of Long term Access to Jaypee Sidhi Cement Plant**

M/s Jaypee Sidhi Cement plant (2x60+35MW) had been granted LTA of 140 MW for a period of 12 years from its 155MW generation project in Distt. Sidhi, M.P. as per CERC regulations, 2009.

Now, a letter has been received from M/s Jaypee Sidhi Cement Plant vide which they have withdrawn their application for Long term Open Access. Hence, Long Term access for 140MW granted to M/s Jaypee Sidhi Cement plant is cancelled.

**Members may note.**