

# 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/CTUW/06/OA-17/MOM

01-02-2013

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 (Projects)</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, WRLDC</b> F-3, M.I.D.C. Area Marol, Andheri (E) Mumbai-400 093

**Sub: Minutes of the 17<sup>th</sup> meeting of WR Constituents regarding Connectivity/Open Access Applications held at MP Hall, POWERGRID Township, Gurgaon on 03<sup>rd</sup> January, 2013**

Sir,

The minutes of the 17<sup>th</sup> meeting of WR Constituents regarding Connectivity/Open Access Applications held at MP Hall, POWERGRID Township, Gurgaon on 03<sup>rd</sup> January, 2013 are enclosed. The same is also available at POWERGRID website ([www.powergridindia.com](http://www.powergridindia.com) → Quick links → Long term open access).

Yours faithfully,

(Y. K. Sehgal)

Chief Operating Officer  
(Central Transmission Utility)

Copy to: As per the enclosed list

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**

1	<b>Sh. Atanu Ghosh Chowdhury</b> Vice President Bharat Aluminium Company Ltd. Balco Nagar, Korba-495450 Chhattisgarh	2	<b>Sh. Ashok Modi</b> Executive Director Torrent Power Ltd. SUGEN MEGA POWER PROJECT National Highway No.8 Kamrej, Surat -394155
3	<b>Sh. H. M. Jain</b> Vice President ACB (India) Ltd. 7 <sup>th</sup> Floor, Corporate Tower, Ambience Mall, NH-8 Gurgaon, Haryana -122001	4.	<b>Sh. Pankaj Verma</b> Sr. Vice President (Coordination) Jaypee Sidhi Cement Plant Jaypeevihar, Vill.-Majhgawan, P.O.- Bharatpur, Dist.- Sidhi (M.P.)
5	<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	6	<b>Sh. Darshan Hiranandani</b> Director Hindustan Electricity Generation Company Pvt Ltd., Olympia, Central Avenue, Hiranandani Business Park, Powai, Mumbai, Maharashtra
7	<b>Sh. B. K. Jain</b> Head (Electrical) Heavy Water Board, 5th Floor, Vikram Sarabhai Bhawan, Anushaktinagar, Mumbai, Maharashtra - 400094	8	<b>Sh. Jagrut Vyas</b> Executive Director, Torrent Power Ltd. ED Office, Naranpura Zonal Office, Sola Road, Naranpura, Ahmadabad, Gujarat - 380013
9	<b>Sh. I.R Venkatraman</b> Ass. General Manager Ellora Paper Mills Ltd. 6th Floor, Landmark Building, Ramdaspath Wardha Road, Nagpur-440004	10	<b>Sh. Manven Dubey</b> Vice president –Projects Sintex power Limited Abhijit-I, 704, 7th Floor, Mithkhali Roads, Ellisbridge, Ahmadabad, Gujarat - 380006
11	<b>Sh. Suresh Medikonda</b> Vice President Banas Thermal Power Pvt. Ltd. Plot No.270, Phase-III, Udyog Vihar, Gurgaon, Haryana - 122016	12	<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
13	<b>Sh. Suresh Jain</b> Managing Director Jaiprakash Power Venture Limited Sector-128, Noida-201304 Dist. Gautam Budh Nagar (U.P)	14	<b>Sh. A.B. Bajpai</b> M.P Power Management Co. Ltd. 3 <sup>rd</sup> Floor, Block No.11, Shakti Bhavan, Rampur, Jabalpur, M.P-482008

15	<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	16	<b>Mr. B.L. Agrawal</b> Director Godawari Energy Ltd., First Floor, Hira Arcade, Near New Bus Stand, Pandri, Raipur
17	<b>Mr. R.K. Agarwal</b> Executive Director Sarda Energy and Minerals Ltd., 1st Floor, Vaujiya Bhawan, Jail Road, Devendra Nagar square, Raipur-492001	18	<b>Mr. Satish Shrikhande</b> General Manager, Regal Energy Ltd., 6th Floor, Land Mark Building, Ramdaspath, Wardha Road, Nagpur – 440010
19	<b>Mr. Ankush Goyal</b> Executive, Ozone Steel and Power Limited, BF-2, First Floor, Rajiv Plaza, Opposite Axis bank, Bilaspur (C.G)	20	<b>Mr. Ashok Kumar Chadha</b> Director, Jain Energy (Chhattisgarh) Pvt. Ltd., 5th Floor, Premlata, 39, Shakespeare Sarani, Kolkata – 70017
21	<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)	22	<b>Mr. C. S. Mani</b> Director (Technical) Petronet LNG Ltd. 1st Floor, World Trade Centre, Babar Road, Barakhambha Lane, New Delhi - 110001
23	<b>Mr. Neeraj Agarwal</b> VP-Thermal Welspun Energy Anupur Pvt. Ltd. 3rd Floor, The Press Trust of India Building 4, Parliament Street New Delhi 110001	24	<b>Mr. R.K. Madan</b> CEO Adani Power Dahej Limited Adani house, Plot no.83, Sector-32, Gurgaon-122001
25	<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	26	<b>Sh. Bipin Jain</b> Sr. Vice President (Proj), Jayaswal Neco Urja Limited (Formerly – Raigarh Energy Limited) F-8, M.I.D.C Industrial Area, Hingna Road, Nagpur, Maharashtra – 440016

**Minutes of 17<sup>th</sup> Meeting of Western Region constituents regarding  
Connectivity/Open Access Applications held on 03<sup>rd</sup> Jan, 2013 at M.P Hall,  
POWERGRID Township, Gurgaon**

---

*List of participants is enclosed at **Annexure-1**.*

1. COO (CTU), POWERGRID welcomed the members and participants to the 17<sup>th</sup> meeting of WR constituents regarding Connectivity/Open Access applications. He informed that a number of applications have been received for Connectivity and Long-term access of various generation projects in Western region as per CERC (Grant of Connectivity, Long-term Access and Medium-term Open access in inter-State transmission and related matters) regulations, 2009. The applicants have also submitted the status of projects and commissioning schedule.
2. POWERGRID presented the Connectivity/LTA/MTOA cases for 2 nos. of Connectivity applications, 5 nos. LTA and 1 nos. connectivity & LTA applications for deliberations. In addition, MTOA applications of 3 nos. applicants, who have been recently granted MTOA, and other agenda items were also deliberated.

A summary on the deliberations on each application/item is as under:

**A. Confirmation of the minutes of 16<sup>th</sup> meeting of WR constituents regarding Connectivity/Open Access applications in WR held on 09.05.2012 at New Delhi**

The minutes of the 16<sup>th</sup> meeting of WR constituents issued vide letter dated 23.05.2012 were confirmed.

**B. Applications for Grant of Connectivity**

**B1) ACB (India) Ltd., Distt. Korba, Chhattisgarh**

DGM (CTU) informed that M/s ACB (India) Ltd. (ACBIL) has already been granted LTOA for 243MW from their 2x135MW TPS through ACB TPS – WR Pooling (Bilaspur) 400kV D/c Line. Now, M/s ACB (India) Ltd. has applied for additional connectivity of 54MW from their 2 units of 30MW each, as per the CERC regulations, 2009. Application details are as follows:

- Total Project Capacity - 330MW (2x135+2x30MW)
- Connectivity applied for/from – 54MW/**U#1**: from the date of physical connectivity upon approval  
**U#2**: Aug'13
- Commissioning schedule – Existing, Aug'13
- Location: Distt: Korba, Chhattisgarh

As informed by generation developer, out of 2x30MW, one unit of 30 MW is already commissioned and having connectivity with STU Grid.

On a query from COO (CTU), ACBIL confirmed that these units belong to the same company which owns 2x135MW TPS and are within the same premises. ACBIL stated that these units shall be connected to the 132kV switchyard of existing ACBIL TPS.

CSPTCL stated that ACBIL is availing 4000kVA power supply on 132kV from Chhattisgarh state and a legal case is pending with ACBIL in Supreme Court. M/s ACB informed that they have already applied for NOC for discontinuation of connectivity with STU grid for the 1<sup>st</sup> unit of 30MW. POWERGRID stated that the physical connection of existing unit of 30MW shall be allowed only after NOC from CSPTCL is submitted by M/s ACB.

After deliberations in the meeting, it was **agreed to provide additional connectivity for 54MW** to 2x135MW+2x30MW generation project of M/s ACB to ISTS through the following dedicated transmission system:-

- 132kV interconnection with the existing 400/132kV ACB TPS switchyard (Under the scope of the generation developer)

For connectivity purpose, existing ACB TPS – WR Pool (Bilaspur) 400kV D/c line may be utilized. However, additional strengthening, if any, shall be identified when ACBIL applies for LTA from this additional capacity.

Confirmation regarding withdrawal of connectivity of ACB 1x30MW unit by STU shall be submitted prior to physical connection with ISTS. M/s ACB (India) limited shall ensure to physically disconnect 1x30MW existing unit from the STU before making above interconnection with ACBIL TPS switchyard. ACBIL shall ensure that at no point of time, parallel operation of STU and CTU system shall take place.

The grant of connectivity shall not entitle M/s ACBIL to interchange any power with the grid unless it obtains long term access, medium term open access or short term open access.

The grant of above connectivity **shall be subject to obtaining clearance from CSPTCL.**

## **B2) BALCO (4x300+4x135+4x67.5MW), Distt. Korba, Chhattisgarh**

DGM (CTU) informed that M/s BALCO has already been granted connectivity with the CTU for 1335MW (4x300MW+2x67.5MW) through BALCO TPS – Dharamjaygarh S/s 400kV D/c line (to be implemented by generation developer). LTA of 584MW (200MW-BALCO, 384MW-CSPTCL) has been granted from this project through high capacity corridor being implemented for Chhattisgarh IPPs. In addition, M/s BALCO is operating 675 MW of captive power plant which includes 4x135MW and 2x67.5 MW generating units. BALCO has stated that the surplus power from 675MW goes up to 155MW, which is evacuated through STU grid.

Now, M/s BALCO has applied for connectivity of this 675MW captive plant as per the CERC regulations, 2009. Application details are as follows:

- Project Capacity - 2010MW (4x300+4x135+4x67.5 MW)
- Connectivity applied for/from –675MW (4x135 +2x67.5)/Oct'13
- Location: Distt: Korba, Chhattisgarh
- Commissioning schedule -
  - 2x67.5MW : Existing
  - 4x135MW : Existing

In view of total project capacity which shall be connected to ISTS, it was proposed by CTU that, M/s BALCO may be provided additional connectivity for 675MW through another 400kV D/c line between BALCO TPS to Dharamjaygarh.

M/s BALCO informed that they have a captive load of Aluminium refinery which shall consume about 1000MW from this project. Thus after deducting auxiliaries and captive load, only about 800MW is expected to flow to ISTS. Out of these, LTA of 584MW has already been granted to BALCO. Thus considering only 800MW power transfer to ISTS, BALCO requested to provide connectivity over the 400kV D/c line to Dharamjaygarh which is being implemented by them for 4x300MW units.

COO (CTU) clarified that the twin moose D/c line being implemented by M/s BALCO is not sufficient for connection of 2000MW capacity to ISTS. In view of the LTA quantum of 584 MW granted over this line and connectivity of additional 800MW sought by BALCO, this line should be implemented with a quad conductor or another line should be implemented between BALCO switchyard and Dharamjaygarh.

BALCO informed that the 220kV line and the 400/220kV ICTs required to connect the 4x135+2x67.5MW units to the 4x300MW TPS bus are already in place. Since the implementation of another line may take time and the total transfer of power envisaged over this line is only 800MW, therefore BALCO again requested to provide connectivity with the first 400kV D/c line only.

Member (PS), CEA asked BALCO to provide Special Protection Systems (SPS) so that when Aluminium refinery load is not there, generation can be suitably backed down.

COO (CTU) stated that BALCO shall ensure that the power transfer over the dedicated line shall be limited to total 800MW for all types of open access. For this, they shall install an SPS in consultation with WRLDC. Further, power evacuation of only 584MW, the quantum for which LTA has been granted, shall be ensured over the system identified. BALCO shall have to apply for open access for the balance quantum for which additional system strengthening, if any required, shall be identified.

After detailed deliberations, **Connectivity was granted to M/s BALCO for their 4x135MW and 2x67.5MW generating units** through following arrangement:-

- Interconnection of 4x135MW and 2x67.5MW generating units with the bus bar of 4x300MW TPS

- BALCO TPS –Dharamjaygarh S/s 400kV D/c line (being implemented by generation developer as part of LTA of 4X300MW)

DGM (CTU) asked BALCO to ensure that these units are physically disconnected from STU Grid before being connected to CTU. It should be ensured that at no point of time, parallel operation with STU and CTU system shall take place.

CSPTCL representative said that BALCO is presently availing EHT Supply from the state and there are some outstanding dues with BALCO. BALCO stated that they shall discuss and sort out this issue with Chhattisgarh state.

The grant of connectivity shall not entitle M/s BACLO to interchange any power with the grid unless it obtains long term access, medium term open access or short term open access.

POWERGRID asked M/s BALCO to apply for LTA for balance quantum so that suitable system strengthening can be identified.

The grant of above connectivity **shall be subject to obtaining clearance from CSPTCL.**

### C. Applications for Grant of Long Term Access (LTA)

#### C1) M.P Power Management Co. Ltd. (495MW from Jaiprakash Power venture Limited), Distt. Sidhi, M.P

DGM (CTU) informed that Long Term Access has been sought by M.P Power Management Co. Ltd. (MPPMCL) for drawing 495MW power from 2x660MW generation project in Dist. – Sidhi , M.P of M/s Jaiprakash Power Ventures Ltd. as per CERC Regulations, 2009. A brief of application is as under:

S.No.	Particulars	M.P. Power Management Co. Ltd. - Bulk Consumer
1	Capacity for which LTA is required (MW)	495 MW
2	Date from which LTA is Required	01.04.2014 for 20 years
3	Location of Generating Station	M/s Jaiprakash Power Ventures Ltd Dist. – Sidhi , M.P
4	Installed Capacity (MW)	2x660 MW= 1320MW
5	Commissioning schedule (Unit Wise)	Unit-1: 31.03.2014 Unit-2: 30.09.2014
6	Step up voltage of Generating station (kV)	400kV

POWERGRID stated that M/s Jaiprakash Venture Ltd. has been granted LTOA for 1240.8MW as per CERC regulation 2004, from their generation project (2x660MW) in Distt. Sidhi, M.P through Jaypee Nigrie TPP – Satna 400kV D/c (High Capacity) line being implemented by generation developer.

MPPCL informed that MPPMCL has signed a PPA with M/s Jaypee Nigrie for drawing 495MW power from above 2x660MW power project in Distt. Sidhi. As per the provisions of PPA, it is the responsibility of MPPMCL to arrange for evacuation of 495 MW power from the project Bus bar. Accordingly, MPPMCL has applied for LTA for drawl of 495MW from above generation project through regional network at CTU-STU (MPPTCL) interconnection points.

POWERGRID informed that high capacity common transmission corridor associated with a number of IPP projects in MP and Bilaspur Area in Chhattisgarh is under implementation by POWERGRID. M/s Jaypee Power has also signed BPTA for this transmission corridor. This transmission system is expected to be commissioned by Nov'13. After commissioning of this corridor, all applicants shall pay transmission charges as per BPTA, irrespective of actual COD of their generation units.

COO (CTU) stated that since CTU – STU interconnection has been mentioned as point of drawal by MPPCL, the studies have been done considering the proportionate increase in loads at all STU substations. Under this condition, the ISTS system is adequate to transfer this power. However, any system strengthening required at 220kV level or below for meeting the additional load may be identified by STU and implemented.

After deliberations, following was agreed as part of the long- term access (LTA) to M/s M.P Power management Co. Ltd.:-

**(a) Long term Access granted to MP Power Management Co. Ltd. for transfer of 495MW power from Jaypee Nigrie TPP at CTU – STU interconnection point (s) along with following system strengthening scheme:-**

**(i) Transmission system strengthening in WR**

Jaiprakash TPS – Satna 400kV D/c (High capacity) *(being implemented by Generation developer)*

**(ii) Common transmission corridor in WR**

- Indore- Vadodara 765kV S/c
- Vadodara- Pirana 765kV D/c
- Establishment of 765/400kV, 2x1500MVA Vadodara S/s  
*(Being implemented by POWERGRID)*

**(b) MPPMCL shall sign the LTA Agreement and TSA with POWERGRID for sharing of ISTS transmission charges corresponding to 495MW for injection at Satna and drawl at CTU-STU interconnections.**



- (c) The sharing of transmission charges shall be as per CERC Regulations and its amendments thereof.
- (d) LTA shall be effective from the date of availability of transmission system mentioned above or date of LTA granted whichever is later.
- (e) After grant of LTA to MPPMCL, the quantum of LTA of M/s Jaiprakash Power Venture Ltd. from their proposed generation project (2x600MW) in Distt. Sidhi, M.P shall be reduced by 495MW i.e. it will be 745.8MW (WR- 358.5MW, NR- 387.3MW). The total quantum of LTA from the project shall remain at 1240.8MW.

**C2) M.P Power Management Co. Ltd., (246MW from Jhabua Power Ltd.), Distt. Annupur, M.P**

DGM (CTU) informed that Long term Access was sought by M.P Power Management Co. Ltd. (MPPMCL) 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:

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

POWERGRID informed that M/s Jhabua Power Ltd. has been granted Connectivity for 600MW and 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.

COO (CTU) stated that since CTU – STU interconnection has been mentioned as point of drawal by MPPCL, the studies have been done considering the proportionate increase in loads at all STU substations. Under this condition, the ISTS system is adequate to transfer this power. However, any system strengthening required at 220kV level or below for meeting the additional load may be identified by STU and implemented.

After deliberations, following was agreed as part of the long- term access (LTA) to M/s M.P Power management Co. Ltd.:-

(a) **Long term Access granted to MP Power Management Co. Ltd. for transfer of 246MW power from Jhabhua at CTU – STU interconnection point (s) along with following system strengthening scheme:-**

(i) **Transmission system strengthening in WR**

➤ Jabalpur Pool Station – Bina 765kV S/c (3rd ) \* ( *being implemented through tariff based competitive bidding*)

(ii) **Common transmission corridor**

➤ Jabalpur Pooling station – Bhopal – Indore 765kV S/c \* ( *being implemented through tariff based competitive bidding*)

➤ Establishment of 765/400kV, 2x1500MVA Jabalpur Pooling S/s. ( *being implemented by POWERGRID*)

*\*Associated line bays and reactors at Jabalpur Pool, Bina and Indore being implemented by POWERGRID*

(b) MPPMCL shall sign the LTA Agreement and TSA with POWERGRID/ Tr.licensee for sharing of ISTS transmission charges corresponding to 246MW at Jabalpur Pool and drawl at CTU-STU interconnections.

(c) The sharing of transmission charges shall be as per CERC Regulations and its amendments thereof.

(d) LTA shall be effective from the date of availability of transmission system mentioned above or date of LTA granted whichever is later.

### **C3) Torrent Power Limited (UNOSUGEN), (35MW), Distt. Surat, Gujarat**

DGM (CTU) informed that M/s Torrent Power Ltd. (UNOSUGEN) had applied for Long term Access (LTA) of 35MW from its 382.5MW generation project Gujarat as per the CERC Regulations, 2009. A brief of the application is as under:

Installed Capacity (MW)	382.5MW Near Surat, Gujarat
LTA required (MW)	35MW
Date from which LTA is Required	Apr'13 (25 Years)
Comm. schedule (Unit Wise)	01.04.2013
Target Beneficiaries/Regions	WR- 35MW

Status of the project:

Land	The required land is under possession of Torrent Power
Environmental clearance	The environmental clearance has been accorded by MOEF.
Fuel	Government of India has already provided assurance that based on availability situation, domestic gas would be allocated once the project is ready to commence production.  Further, Heads of Agreement has already been executed with IOCL and PLL for supply of RLNG gas supply to the UNOSUGEN project.
Water	The required water quantity allocation is available from the Government of Gujarat.

DGM (CTU) stated that M/s Torrent Power Ltd. was granted connectivity in the 13<sup>th</sup> meeting of WR constituents regarding connectivity / Open access applications held on 27.10.10 through following system:

- LILO of SUGEN Power Station- Pirana (TPL) one ckt at UNOSUGEN TPS.
- Generation to be stepped up at 400kV level & bus reactor of 1x80MVAR to be provided at generation switchyard.

After detailed deliberations, following was agreed:-

- a) Keeping in view the quantum of LTA and location of generating project, it was **agreed to grant Long Term Access (LTA) to M/s Torrent Power Ltd. for 35MW** without any system strengthening. Transmission system strengthening shall be identified when Torrent Power applies for additional quantum of LTA.
- b) M/s Torrent Power shall sign LTAA and TSA with POWERGRID for sharing of transmission charges corresponding to 35MW.
- c) The sharing of Charges shall be as per CERC Regulations and its amendments thereof.
- d) LTA shall be effective from the date of availability of transmission system mentioned above or date of LTA granted whichever is later.

#### **C4) Torrent Power Limited (DISCOM), Ahmedabad (400MW from DGEN)**

DGM (CTU) informed that M/s Torrent Power Ltd., a distribution licensee in Ahmedabad, has applied for Long Term Access (LTA), as per CERC regulations, 2009, for 400MW for the period of 25years from 1200MW DGEN plant being set up at Dahej by Torrent Energy Limited. A brief of the application is as under:

S.No.	Particulars	Torrent Power Limited (400 MW)
1	Capacity for which LTA is required (MW)	400 MW (at Nicol and Ambli Substations in Ahmedabad)
2	Date from which LTA is Required	01.09.2013
3	Location of Generating Station	Dahej, Gujarat
4	Installed Capacity (MW)	1200 MW
5	Commissioning schedule (Unit Wise)	U#1 – 23.01.2013 U#2 – 20.03.2013 U#3 – 16.05.2013
6	Step up voltage of Generating station (kV)	400kV

DGM (CTU) further informed that M/s Torrent Energy Ltd. has been granted connectivity and LTA for 1200MW in the 13<sup>th</sup> and 14<sup>th</sup> meeting of WR constituents regarding connectivity / open access applications held on 27.10.10 and 21.10.11 respectively with the following tr. system.

- (i) TEL(DGEN) TPS – Navsari 400kV D/c (Triple/Quad) – *Under implementation by gen. developer*
- (ii) TEL (DGEN) TPS – Vadodara 400kV D/c\* – *to be implemented through TBCB*
- (iii) 220kV Navsari (PG) – Bhesthan (GETCO) D/c\* – *to be implemented through TBCB*
- (iv) Augmentation of transformation capacity of 400/220kV substation at Navsari with 1x500MVA ICT – *being implemented by POWERGRID.*
- (v) LILO of one ckt of 400kV Dehgam – Pirana D/c line at 400/132kv Nicol (Dedicated tr. system for drawl at TPL Ahmadabad) – *to be implemented by gen. developer.*

*\* Bays at Vadodara substation and Navsari (PG) shall be implemented by POWERGRID and 220kV bays at Bhesthan shall be implemented by GETCO.*

DGM (CTU) informed that in the 16th meeting of WR constituents regarding Connectivity/Open Access held on 09.05.2012, establishment of 400kV Gota substation through LILO of Chorania – Ranchhodpura 400kV D/c line for drawal at TPL Ahmedabad from DGEN plant was discussed. Since GETCO also wants to draw power from GOTA substation, it is proposed to implement Gota substation under ISTS.

GETCO stated that they have no objection in making a substation of Gota under ISTS. This substation would help in meeting the load of Ahmedabad in next 5-10 years. GETCO stated that they will require 3 nos. 220kV outlets (to Phendra and Vataman) from Gota substation.

Member(PS), CEA stated that it is the responsibility of STU to establish substations to supply power to DISCOMs, hence this substation should be implemented by STU. After discussions, it was agreed that GETCO would

revert back on this issue and establishment of Gota substation shall be deliberated further.

After deliberations in the meeting, following was agreed:-

- (a) **LTA was granted to Torrent Power Limited (TPL), Ahmedabad for drawal of 400MW from 1200 MW DGEN plant of Torrent Energy limited** with the following transmission system:-
- Establishment of a new 400/132kV S/s at Nicol through LILO of one ckt of 400kV Dehgam – Pirana D/c line (under the scope of distribution licensee)
- (b) M/s Torrent Power Ltd., Ahmedabad shall sign LTAA and TSA with POWERGRID for sharing of transmission charges corresponding to 400 MW.
- (c) The sharing of transmission charges shall be as per CERC Regulations and its amendments thereof.
- (d) LTA shall be effective from the date of availability of identified transmission system strengthening being implemented under TBCB or date of LTA sought whichever is later.

#### **C5) Heavy Water Board (17MW)**

DGM (CTU) informed that Heavy water Board, Mumbai had applied for Long term Access (LTA) for drawing 17MW power from Nuclear Power Plant, Kakrapar (KAPS) project in Dist. – Kakrapar, Gujarat as per the CERC Regulations, 2009. A brief of the application is as under:

LTA required	17MW
Date from which LTA is Required	01.11.2012 for 25 years
Location of Generation Station :	Nuclear Power Plant, Kakrapar (KAPS) Dist. – Kakrapar, Gujarat
Point of Drawl:	Thal, Maharashtra

As per the MOP order dtd. 4.10.2000 allocating power to Heavy Water Board from the unallocated quota of NPCIL plant, above allocation will come into force once the consent of the concerned SEBs / POWERGRID is obtained by HWB/DAE for wheeling of power to Heavy Water Plants. Heavy Water Board (HWB) has intimated that MSETCL has permitted open access to HWB for wheeling power from KAPS to HWB plant at Thal through Maharashtra Transmission system, subject to certain conditions to be fulfilled by them.

M/s Heavy Water Board had informed that they have applied to Maharashtra State Electricity Transmission Company Ltd. (MSETCL) & Maharashtra State Electricity Distribution Company Limited (MSEDCL) to get their approval.

DGM (CTU) informed that Kakrapar APP (440MW) is an existing power plant of NPCIL which is connected to grid through 3 nos. 220kV lines viz, Kakrapar – Vav (Valthan), Kakrapar - Bharuch and Kakrapar - Vapi D/c. Since Kakrapar APP is connected to Gujarat state network, adequacy of transmission system within GETCO for drawl of power through their transmission system needs to be examined separately by GETCO and hence, consent of GETCO for above transfer of power shall be required. GETCO stated that they have no objection to the above LTA.

DGM (CTU) stated that it has been observed that for transfer of 17MW power to HWB from KAPS to Thal, Maharashtra, there will be no constraint on the existing Inter-state Transmission System (ISTS) of POWERGRID.

COO (CTU) informed that LTA for Heavy Water Board was to start in Nov'12, i.e. prior to this standing committee meeting. Agenda for the same was circulated in Oct'12. M/s HWB had informed that they intend to start wheeling of power by mid-Dec'12 and hence in-principle clearance from CEA was taken for granting this open access. Since no comments from the constituents were received on the agenda circulated, Long Term Access was granted to HWB at Thal, Maharashtra for transfer of 17MW power from KAPS in ISTS without any system strengthening in the ISTS network subject to the no objection clearance from GETCO, MSETCL and MSEDCL vide intimation letter dated 19.12.12. Since GETCO has verbally communicated its no objection in the meeting, NOC from MSETCL and MSEDCL shall be required prior to starting LTA. After deliberations following was agreed:-

- a) **LTA is granted to M/s Heavy Water Board for transfer of 17MW from KAPS in ISTS without any system strengthening in the ISTS network subject to NOC from MSETCL and MSEDCL.**
- b) M/s Heavy Water Board shall sign LTAA and TSA with POWERGRID for sharing of transmission charges corresponding to 17MW.
- c) The sharing of transmission charges shall be as per CERC Regulations and its amendments thereof.
- d) LTA shall be effective from the date of fulfilment of all conditions of LTA and signing of TSA by Heavy Water Board, whichever is later.

#### **D. Applications for Grant of Connectivity & Long Term Access**

##### **D1) NTPC Ltd. Lara STPP-I , Chhattisgarh (2X800MW)**

DGM (CTU) informed that 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 informed that considerable progress has been made by the generation project. Keeping this in view it is proposed to grant Connectivity/LTA to NTPC for Lara project.

A brief of the application is as under:

<b>S. No.</b>	<b>Particulars</b>	<b>NTPC Ltd- Lara STPP-I</b>
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 GoI)	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

The current status of the project as informed by M/s NTPC is as under:-

Land	Total land Required : 1280 Acres Land Under Possession : 899 Acres
Environment clearance	The environmental clearance has been accorded by MOEF.
Fuel Arrangement	Talaipalli mine (captive coal blocks) being developed by NTPC. MDO for Talaipalli mines appointed.
Water arrangement	Commitment of 45 Cusecs available from Saradih barrage on river Mahanadi.

NTPC informed that award for the generation project has already been placed with commissioning schedule of June'16 and they would require startup power from the project in June'15.

COO (CTU) stated that the earlier agreed transmission system for connectivity of LARA STPP is to be implemented through TBCB which normally takes about 4 years. Considering the commissioning schedule of LARA STPP as June'16, already the time available for implementing the transmission system is very less. Therefore, NTPC should immediately sign Connectivity Agreement, LTAA and TSA on grant of LTA, so that the process of implementation of the transmission system is initiated through TBCB to commission the transmission system matching with the generation project.

NTPC stated that NTPC has applied for Connectivity and LTA on behalf of beneficiaries. Accordingly, the beneficiaries shall sign all the agreements.

COO (CTU) stated that NTPC should arrange for signing of Connectivity Agreement, LTA Agreement and TSA with beneficiaries.

Since Lara – Champa pool transmission line, identified for connectivity earlier, is about 120km long which may take a longer time to implement, NTPC requested for another interconnection which may be implemented in a shorter time period. The matter was deliberated and it was agreed to provide additional 400kV D/c line from Lara TPS to Raigarh (Kotra) pooling station which is at a distance of about 20-25km from Lara TPS.

After detailed deliberations, following was agreed:-

### **Connectivity**

M/s NTPC Ltd. was granted Connectivity through the following transmission system :

- Lara- I TPS – Raigarh (Kotra) Pooling Station 400kV D/c.  
*Transmission lines to be implemented through Tariff based Competitive bidding and 400kV line bays/reactors at Kotra Pooling Station to be implemented by POWERGRID*

### **Long Term Access (LTA)**

(a) Long term Access was granted to M/s NTPC Ltd. for LARA STPP- I for transfer of 1586.51MW power to target beneficiaries in WR [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 per CERC regulations, 2009 from June'16 with the following transmission system:-

- (i) Lara- I TPS – Champa Pooling Station 400kV D/c (Quad). *(Transmission lines to be implemented through Tariff based Competitive bidding and 2 nos. 400kV line bays/reactors at Champa Pooling Station to be implemented by POWERGRID)*
- (ii) Transmission system strengthening in WR –NR Tr. Corridor (To be shared along with other IPPs) *(Under the scope of POWERGRID)*



- Up-gradation of  $\pm 800\text{kV}$ , 3000MW HVDC bipole between Champa Pooling station – Kurukshetra (NR) to 6000MW
- Kurukshetra (NR) – Jind 400kV D/c (Quad)

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

- Generation step up at 400kV
- 400kV line bays : 4nos.
- 400kV bus reactor : 1x125MVAR
- 400kV bus reactor bay : 1 no.

(b) Beneficiaries shall sign Connectivity Agreement, LTAA and TSA with POWERGRID for sharing of transmission charges corresponding to their share in 1586.51MW.

(c) The sharing of Charges shall be as per CERC Regulations and its amendments thereof.

(d) The identified transmission system strengthening shall be implemented after signing of TSA by the applicant / beneficiaries. LTA shall be effective from the date of availability of above transmission strengthening or date of LTA granted, whichever is later.

**E. For all the generation projects who have been granted Connectivity under CERC regulation, 2009, in addition to other applicable provisions in CERC regulations 2009 on Grant of connectivity, Long Term Access and Medium term Open Access in inter-state transmission and related matters, following are to be noted:**

- The grant of connectivity shall not entitle above applicants to interchange any power with the grid unless they obtains long-term access, medium term open access or short term open access. However, the above IPP 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 only before being put into commercial operation, even before availing any type of open access, for a period not exceeding 6 months from the date of first synchronisation, after obtaining permission of the concerned regional load dispatch centre. For this, the generator shall provide RLDC sufficient details of the specific testing and commissioning activity, its duration and intended injection, etc.
- In case the dedicated transmission system upto point of connection is to be undertaken by Inter-State Transmission Licensee, the applicants need to sign transmission agreement with CTU 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.

- iii) 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 and their amendments thereof.
- iv) All the applicants 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.
- v) The connectivity shall be as per the Detailed Procedure of CTU for Grant of Connectivity, Long term Access and Medium term Open Access to Inter state transmission.
- vi) 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.
- vii) Transmission system strengthening to facilitate power transfer on long-term basis shall be identified once above applicants apply for Long-term Access as per CERC Regulations, 2009.

**F. For all the generation projects who have been granted LTA under CERC regulation, 2009, in addition to other applicable provisions in CERC regulations 2009 on Grant of Connectivity, Long term Access and Medium term Open Access in inter state transmission and related matters, following are to be noted:**

- i) The construction of the transmission lines to be implemented by CTU/transmission licensee shall be taken up by the CTU or the transmission licensee in phases, wherever possible, corresponding to the capacity which is likely to be commissioned in a given time frame after ensuring that the generating company has already made the advance payment for the main plant packages i.e. Turbine island and steam generator island or the EPC contract in case of thermal generating station and major civil work packages or the EPC contract in case of hydro generating stations for the corresponding capacity of phase or the phases to be commissioned, subject to a minimum of 10% of the sum of such contract values. The transmission charges for such dedicated transmission line shall be payable by the generator even if the generation project gets delayed or is abandoned.
- ii) The generating company after firming up the beneficiaries through signing of long term Power Purchase Agreement(s) shall be required to notify the same to the CTU along with the copy of the PPA.
- iii) Where the entire or part of the Power Purchase Agreement(PPA) of the long term access customer is terminated in accordance with the provisions of the said agreement or through determination by a court or

tribunal or commission of competent jurisdiction, it shall be incumbent on the long term access customer to give intimation about such termination of PPA to CTU immediately but not later than two weeks from the date of such termination

- iv) On termination of the Power Purchase Agreement or surrender of long term access due to termination of PPA, the long term access customer shall be liable to pay the transmission charges as required under Regulation 18 of CERC Regulations, 2009.
- v) LTA is being granted subject to the condition that applicant shall bear all the transmission charges as per CERC norms for transfer of power.
- vi) Payment of such transmission charges for the capacity for which exact source on long term basis is not known, shall not entitle the applicant any right over the transmission system up to the target region and CTU may release this balance transmission capacity up to target region for short term open access or the medium term open access till the applicant firms up source / destination on long term basis and its operationalisation.
- vii) Implementation of System augmentation/strengthening required to effect LTA, shall be taken up by POWERGRID/Tr. licensee only after fulfilment of conditions under para (i) above as well as signing of LTAA/ TSA & submission of required BG by applicant as per provision of CERC regulations 2009. The time frame for commissioning of above system strengthening shall be 9 months in addition to construction time for the transmission project as given in the CERC (Terms and Conditions of Tariff) Regulations 2009.
- viii) The applicant shall enter into long term access agreement (LTAA) with POWERGRID within 30 days of issue of intimation. In case transmission system of inter state transmission licensee other than CTU is used, an agreement shall be signed between the applicant and such inter state transmission licensee, in line with the provisions of the CERC regulations 2009.
- ix) The nodal agency may change system strengthening requirements identified for a particular applicant project on the basis of any subsequent study carried out on its own motion or on another application for LTA, with the purpose of optimum utilization of the transmission system or to conserve limited right-of-way, and in such event, the changes carried out by the nodal agency shall be intimated to the applicant, or any other person associated with the LTA.
- x) The applicant 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.

**G. Modification in LTA beneficiary of M/s Hindustan Electricity Generation Company Pvt. Ltd. (HEGCPL).**

DGM (CTU) informed that M/s Hindustan Electricity Generation Company Pvt. Ltd (HEGCPL) had applied for LTA from its 1137MW Gas based generation project (3x379MW) in Maharashtra as per the CERC Regulations, 2009. LTA was sought for 25 years from March'14. The target beneficiaries were indicated as ER (700MW) and SR (300MW).

The application was discussed in the 15<sup>th</sup> WR Constituent Meeting regarding Connectivity/Open Access application on 21<sup>st</sup> October, 2011. In view of the project progress, LTA for only one unit of 379MW of the generation project was agreed with target beneficiaries in SR/ER on proportionate basis (SR-114MW, ER-265MW) with following system strengthening.

**(i) Transmission system strengthening in SR-WR tr. corridor (to be shared with IPPs in SR & WR) – to be implemented by POWERGRID**

- Narendra (GIS) – Kolhapur (GIS) 765 kV D/c line (initially to be operated at 400 kV) [subsequently to be upgraded at 765 kV]
- LILO of both circuits of existing Kolhapur – Mapusa 400 kV D/c line at Kolhapur (new)
- Narendra (GIS) – Narendra (existing) 400 kV D/c Quad line
- Establishment of new 400 kV substation each at Narendra (GIS) and Kolhapur (GIS) [to be upgraded to 765 kV later]
- Kolhapur – Padghe 765 kV D/c one circuit via Pune (initially to be operated at 400 kV) [subsequently to be upgraded at 765 kV]

COO (CTU) asked about the status of balance units of the generation project. M/s HEGCPL stated that the matter of environmental clearance for these units is sub-judice. COO (CTU) stated that if considerable progress for these units is submitted by Apr'13, LTA for these units shall be processed. Otherwise, this application shall be closed with grant of 379MW and for the balance units, HEGCPL shall apply for fresh LTA.

M/s HEGCPL requested to modify beneficiary for full LTA quantum of 379MW power to ER, since they have signed PPA with West Bengal. After detailed deliberations, it was agreed in the meeting to change the beneficiaries for M/s HEGCPL to ER – 379 MW for full quantum of LTA (379MW) in place of (SR-114MW, ER-265MW) agreed during 15<sup>th</sup> WR Constituent Meeting regarding Connectivity/Open Access application held on 21<sup>st</sup> October, 2011.

Further, since the beneficiary has changed to ER, and there is no beneficiary in SR, system strengthening in WR-SR corridor is not required. Hence, **LTA granted to HEGCPL was modified to 379MW (ER-379MW) without any system strengthening.**

**H. Modification of LTA quantum of M/s Jayswal Neco Urja Limited**

DGM (CTU) informed that M/s Jayswal Neco Urja Ltd. had been granted LTOA for transfer of 600MW from their 2x300MW generation project in Chhattisgarh to its target beneficiaries [WR-390MW & NR- 210MW] as per CERC (Open Access in ISTS) Regulations, 2009.

M/s Jayswal Neco stated that considering the Auxiliary power consumption of 2x300MW plant @ 8.5% (51MW) and Mandatory sale of 7.5% of generation power to the state Govt., which works out to be 508MW, their open access quantum may be reduced.

It was agreed in the meeting to reduce the quantum of LTA with respect to auxiliary consumption i.e. 51MW (WR – 283.6 MW; CSEB – 265.4 MW). LTA quantum with respect to Chhattisgarh share shall be reduced subject to signing of TSA by CSPTCL for this quantum.

#### **I. Cancellation of Long Term Access to Jaypee Sidhi Cement Plant**

DGM (CTU) informed that M/s Jaypee Sidhi Cement plant (2x60+35MW) has 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. However, LTAA and TSA was not signed by M/s Jaypee Sidhi Cement Plant.

Now, M/s Jaypee Sidhi Cement Plant have withdrawn their application for Long term Open Access. After discussions, it was agreed to cancel Long Term access for 140MW granted to M/s Jaypee Sidhi Cement plant.

#### **J. Modification of LTA quantum of M/s Spectrum Coal and Power Ltd. (SCPL)**

DGM (CTU) informed that 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 stated that LTOA was granted to M/s SCPL as per the CERC (Open Access in ISTS) Regulations, 2004, for the total installed capacity and the transmission charges were based on pooled capacity of all the generation plants in the region. Further, as per the new CERC Regulations, 2009, transmission charges were to be levied on the basis of power evacuated. Therefore, M/s SCPL requested to revise the quantum of LTOA from 100MW to 88MW, after taking the auxiliary consumption of 12MW.

Further, M/s SCPL requested to revise the LTOA commencement schedule of 2<sup>nd</sup> unit as June'14 because 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. Moreover, M/s SCPL informed POWERGRID that Govt. of Chhattisgarh has conveyed its acceptance for purchase of only 5% of net power as against 35% earlier.

Thus, SCPL requested for 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>

After deliberations, the reduction in LTOA from 100MW to 88MW was agreed with change in beneficiaries as Chhattisgarh – 4.5MW, WR – 83.5MW.

## **K. Application on Grant of MTOA**

### **1. 40.5 MW to UT DNH from 01.04.13 to 31.3.14**

DGM (CTU) informed that 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.

MTOA of 40.5 MW has been granted to UT DNH for the period of 01.04.13 to 31.03.14 (12 months).

### **2. 107 MW from BALCO Ltd. to MPPMCL from 01.04.13 to 31.07.13**

DGM (CTU) informed that 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 observations on the above MTOA proposal were raised, MTOA was granted to BALCO Ltd. for transfer of 107MW to MPPCL from 220kV Korba(East) Substation located in Chhattisgarh for the period from 01.04.13 to 31.07.13 (4 months).

### **3. 102 MW from BALCO Ltd. to MPPMCL from 01.08.13 to 31.03.14**

DGM (CTU) informed that 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 observations on the above MTOA proposal were 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 from 01.08.13 to 31.03.14 (8 months).

### **4. 309 MW to CSPDCL to MPPMCL from 01.04.13 to 31.03.14**

DGM (CTU) informed that 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 observations on the above MTOA proposal were 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 from 01.04.13 to 31.03.14 (12 months).

Members noted the above.

**L. Closure of Long pending Connectivity/LTA applications due to non-satisfactory progress of generation project.**

DGM (CTU) informed that 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.

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

DGM (CTU) informed that generation developers were asked to submit the latest status of these projects.

NTPC stated that they had earlier requested to put the application for grant of LTA for Barethi STPP (6x660MW) on hold till the finalization of the ultimate finalization of the project. Now, firm commitment for 80MCM of water for 4x660MW has been received from the government of MP. Thus, the proposed configuration for stage-I of the project is 4x660MW as per approved FR.

DGM (CTU) stated that since the capacity of the project is being changed from 3960MW to 2640MW, which is more than 100MW, a fresh application for LTA shall be required as per clause 8(1) and 12(1) of CERC regulations, 2009. She requested NTPC to submit the fresh application at the earliest, so that transmission system strengthening may be identified and implemented matching with the generation project.

M/s Ozone Steel and Power stated that progress has been achieved in their generation project w.r.t. environmental clearance. Also EPC shall be awarded by Mar'13. M/s Jain Energy stated that their project is also progressing w.r.t. environmental clearance and award of EPC is under progress.

Aryan MP Power Generation Pvt. Ltd. stated that various milestones in their generation projects w.r.t. land acquisition, water allocations and other statutory clearances have been obtained. However, coal linkage has not been granted for the project. Environmental Clearance for the project is in the final stage, but shall be available only after grant of coal linkage. He requested to amend the BPTA as U#1 – Mar'17 and U#2 – Sep'17.

COO (CTU) stated that POWERGRID is already implementing the transmission system strengthening identified for granting LTA to Aryan MP Power Generation Pvt. Ltd., for which various IPPs including Aryan MP have signed the BPTA. This transmission system is likely to be available by Nov'13 as per the schedule agreed between POWERGRID and IPPs. Hence the revision of commissioning schedule of units in BPTA cannot be agreed.

DGM (CTU) stated that Sintex power has informed that they have acquired 65% of the land and environmental clearance is expected in the next meeting of EAA. For fuel, they have tied up with an Indonesian coal supplier. In view of the above progress, Sintex power has requested to keep the application in abeyance instead of closing the same.

DGM (CTU) informed that as per status report of Jaitapur plant sent by NPCIL, 692 acres of land have been acquired and all other clearances are in progress. The project is expected to be commissioned in the year 2020. However, NPCIL have requested that since they have to initiate the switchyard design, the application should not be closed.

After deliberations in the meeting, following was agreed:-

- (a) 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.	Regal Energy Ltd.	2640MW	Conn –2640 MW
2.	Shri Lakshmi Power Ltd	360MW	Conn –360MW LTA – 213 MW



3.	Welspun Energy Anuppur Pvt. Ltd.	1320MW	Conn – 1320 MW
4.	Adani Power Dahej Limited	2640MW	Conn – 2640 MW
5.	Bharuch Power Limited	7200MW	Conn – 7200 MW
6.	Astarc Power Pvt Ltd.	1320MW	Conn – 1241 MW
7.	Ellora Paper Mills Ltd	2640MW	Conn – 2640 MW
8.	Petronet LNG Ltd.	1200MW	Conn – 1200 MW
9.	Banas Thermal Power Pvt Ltd.	1320MW	Conn – 1320 MW

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

- (b) Regarding M/s Ozone Power Limited, M/s Jain Energy Limited and Sintex Power, it was agreed that in case these applicants submit sufficient progress of their generation project by Apr'13, LTA/Connectivity shall be granted to them in next meeting and they shall sign LTAA and TSA with POWERGRID. Otherwise, their applications shall be closed.
- (c) NTPC shall submit fresh application for Barethi TPS with revised configuration and on receipt of fresh application, earlier application shall be closed.

#### **M. Additional Agenda Item**

##### **(i) Long Term Open Access to Karcham Wangtoo Generation (1000MW)**

DGM (CTU) stated that JAYPEE Karcham Hydro Corporation Ltd (JKHCL) has commissioned 1000MW Karcham Wangtoo generation project as an IPP in NR. From this project Long Term Open access was granted to PTC for 704 MW for transfer of power to various states in Northern Region and LTA for 176 was granted to JKHCL. The Open Access has become effective from 1/04/2012. However, due to commercial issues between M/s PTC and M/s JKHCL, JKHCL has applied for LTA of 704 MW to be surrendered by M/s PTC from 01/04/12 for 25 years. JKHCL has indicated injection point as Jaypee Karcham Wangtoo HEP and beneficiaries as NR-440MW, WR-176 MW and SR-88MW. Since inter regional corridor to Southern Region is already booked till June'14, LTA to M/s Jaiprakash Power Ventures Limited has been agreed in NR SCM held on 02.01.2013 as per the following details:

- Northern Region: 528 MW from 01/04/2012 to 30/06/2014 and 440MW from 01/07/2014 to 31/03/2037.
- Western Region : 176 MW from 01/04/2012 to 31/03/2037
- Southern Region : 88 MW from 01/07/2014 to 31/03/2037

GETCO stated that the LTA to JKHCL should be granted subject to cancellation of LTA to PTC. After deliberations, it was agreed to grant LTA for 704MW to M/s Jaiprakash Power Ventures Limited with the following beneficiaries:

- Northern Region: 528 MW from 01/04/2012 to 30/06/2014 and 440 MW from 01/07/2014 to 31/03/2037.
- Western Region : 176 MW from 01/04/2012 to 31/03/2037
- Southern Region : 88 MW from 01/07/2014 to 31/03/2037

**17th Meeting of WR Constituents for Connectivity, Medium Term Open Access (MTOA) and  
Long Term Access(LTA) applications**

**Date:03.01.2013, Venue: MP Hall, POWERGRID Township Gurgaon**

SL. NO	NAME	DESIGNATION	ORGANIZATION	MOBILE NO./PHONE	E-MAIL
	S/SHRI				
1	Ravinder	Member (PS)	CEA	011-26102045	
2	S.D.Taksande	MS	WRPC	9820878384	sureshsaksande@rediffmail.com
3	K.K. Arya	CE	SP&PA, CEA	9810455760	kkarya_2001@rediffmail.com
4	Satyanarayan S	SE	WRPC	9223399938	satyaguru@yahoo.com
5	Ravinder Gupta	Director	CEA, SP&PA		
6	P. Jindal	Director	CEA, SP&PA	9818768460	
7	A.K.Yadav	DD	CEA, SP&PA	011-26732308	awd@rediffmail.com
8	Manjari Chaturvedi	DD	CEA, SP&PA	011-26732308	manjari.cea@nic.in
9	N R L K Prasad	DD	CEA, SP&PA	011-26732308	prasad.nrlk@cea.nic.in
10	Anita Gehlot	DD	CEA, SP&PA	011-26732308	anitagahlot108@gmail.com
11	Y.K. Sehgal	COO(CTU)	POWERGRID	9650293194	yksehgal@powergridindia.com
12	P.V. Nath	GM (Projects)	POWERGRID, WR-II	0265-2460067	pvnath@powrgridindia.com
13	P.Pentayya	GM	POSOCO, WRLDC	9869072437	ppentayya@gmail.com
14	Kamal Sarkar	AGM	POWERGRID	9711435904	ksarkar@powergridindia.com
15	Manju Gupta	DGM(SEF)	POWERGRID	9910378111	manju@powergridindia.com
16	N. Nallarasan	DGM	POSOCO, NLDC	011-26536832	nalla201148@gmail.com
17	Abhinav Verma	Ch.Manager	POWERGRID, WR-II	0265-2488594	averma@powergridindia.com
18	K.K. Gupta	Ch.Manager	POWERGRID, WR-II	9422811686	kkgupta@powergridindia.com
19	M.M. Mehendar	STA to ED(WR-1)	POWERGRID, WR-I	0712-2641495	20060@powergridindia.com
20	Prashant	Engr.(SEF)	POWERGRID	9560050236	prashant.pandey@powergridindia.com
21	Baskar Wagh	Engr.(SEF)	POWERGRID	9560890352	bhaskarwagh@powergrid.in
22	Parneet Kaur	Engr.(SEF)	POWERGRID	8826896845	parneet.kaur@powergridindia.com
23	Pratyush Singh	ET (CTU)	POWERGRID	8826931576	pratyushsingh15@gmail.com
24	Manish Ranjan Keshari	ET (CTU)	POWERGRID	9810236375	manish.keshari@powergridindia.com
25	R.K. Mehta	CE (C&A)	CSPTCL	9425357004	rkshmehta2@gmail.com
26	H.K. Pandey	SE (Planning)	CSPTCL	9826460053	harish_pandey123@rediffmail.com
27	S.K. Negi	MD	GETCO	9879200622	md.getco@gebmail.com
28	B.B.Mehta	CE, SLDC	GETCO	9879200736	cesd@gebmail.com
29	P.J.Jani	EE, GUVNL	GETCO	9879618754	
30	Dipak H. Patel	JE (System)	GETCO	9925213273	desystem@gebmail.com
31	R. Sethi	SE (PL & PS)	MPPTCL	9425805228	sethi.ravi@indiatimes.com
32	M.M. Dhoke	ASE, PS	MPPTCL	9425805237	mmdhoke@gmail.com
33	U.G.Zalte	Director (Operations)	MSETCL	9619079999	dirop@mahatransco.in
34	Guralwal R.S.	CE (STU)	MSETCL	9167373919	cestu@mahatrasco.in
35	N.R. Sonkavday	SE-STU	MSETCL	9987783924	n.sonkavday@rediffmail.com
36	Vinay G. Khedekar	AE-STU	MSETCL	9619850189	ae4sys@mahatransco.in
37	B.R. Tamboli	ED(Elect)	DNH-ELECT	9924392099	eeelectdnh@rediffmail.com
38	Dinkar Devate	GM(Elect)	NTPC Ltd	9650992237	dinkar@ntpceoc.co.in
39	S.S. Mishra	DGM(Engg)	NTPC Ltd	9650991145	ssmishra@ntpceoc.co.in
40	Anil Kaushik	CDE	NTPC	9650992088	anilkaushik@ntpceoc.co.in
41	Suchitra Maggon	DGM(Coml)	NTPC	9650990428	suchitramaggon@gmail.com
42	K.K shah	V.P (special project)	Torrent Power	9824027015	kkshah@torrentpower.com
43	Jagrut Vyas	ED	Torrent Power	9227209000	jagrutvyas@torrentpower.com
44	M.H. Kshatriya	GM	Torrent Power	9227410148	mhkshatriya@torrentpower.com
45	H.M Jain	V.P (Power)	ACB (I) Ltd.	9953150412	acbpower@gmail.com
46	S.P. Srivastva	Sr. GM	ACB (I) Ltd.	9868392863	Sps_49@hotmail.com
47	D.K. Patel	GM power	BALCO Korba	9893122359	devendra.patel@vedanta.co.in
48	Atanu Ghosh Chowdhury	VP (Power)	BALCO	9981996750	atanu.ghoshchowdhury@vedanta.co.in
49	Jaspinder Singh Bal	Sr. Manager	HEGPL	9167334479	jsbal@henergy.com
50	R.C Lalwani	V.P (Power)	JNUL	9300075033	rc.lalwani@necoindia.com
51	Alok Kr. Ranjan	Manager	JNUL	9310078700	Alok.ranjan@necoindia.com
52	G M Tekchandani	Consultant	Ozone Steel & Power	9827269100	pecpltd@gmail.com
53	S.C Jain	GM (Finance)	Shri Laxshmi Power	9582890151	gmfinance@shrilaxmi.in
54	Deepak Gupta	Manager	Welspun Energy	8826099003	Deepesh.gupta@welspun.com
55	Ashish Bachhil	Sr. Manager	Jain Energy	8800993510	ashish.bachhil@jaingroup.com