

# पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम



### POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

केन्द्रीय कार्यालयः "सौदामिनी" प्लॉट सं. २, सैक्टर—२९, गुडगाँव—122 001, (हरियाणा) दूरमाषः 0124-2571700-719, फैक्स : 0124-2571762, "Saudamini" Plot No. 2, Sector-29, Gurgaon-122 001, (Haryana) Tel. : 0124-2571700-719, Fax : 0124-2571762, Web.: www.powergridindia.com

CP/RTI /2014/10

6<sup>th</sup> May, 2014

Shri P. Somasekhera Naidu, AGM-Legal, LANCO, House No. 4, Software units Layout, Hyderabad – 500 081

Sub: Information under Right to Information Act, 2005.

Dear Mr. Naidu,

This has reference to your letter dated 2<sup>nd</sup> April, 2014 seeking information under RTI Act, 2005.

The information sought is attached at Annex-A

Details of Appellate Authority, as per the provisions of RTI Act, 2005 is as under:

Shri B. Mishra
Executive Director (CP & IT) & Appellate Authority, Corporate Centre
Power Grid Corporation of India Limited
"Saudamini", Plot No. 2, Sector-29
Gurgaon – 122001, Haryana

Thanking you,

भवदीय,

(स्धीर मित्तल)

महाप्रबंधक (के.आ.) एवं के.लो.स्.अधिकारी

Attach: As above

## Information Sought under RTI Act, 2005 by Shri P. Somasekhera Naidu, AGM-Legal, LANCO House, Plot No. 4, Software Units Layout, Hyderabad – 500 081

1. Whether Power Grid Corporation of India Ltd. ('PGCIL') reserved/blocked any capacity in the northern region for Lanco Kondapalli Power Ltd. (formerly Lanco Kondapalli Power Pvt. Ltd.) for the period from September 2009 to August 2011 towards long term open access? If so please furnish copies of correspondence in respect of the same.

#### Reply:

Yes, POWERGRID had reserved the transmission capacity for grant of Long Term Open Access to Lanco Kondapalli Power Private Limited, the copy of the Minutes of Meeting of Southern Region contituents for Long Term Open Access application held on 13<sup>th</sup> June, 2008 wherein such allocation has been clearly reflected is enclosed at **Annexure-I**. Further copy of correspondence dated 06.07.2009 is enclosed at **Annexure-II** vide which the LTA was granted and intimidated to all the concerned offices including SRPC, WRPC, NRPC, ERPC, all concerned RLDCs etc.

As you may be aware the Long Term Access is granted for a period of 25 years, therefore the month wise allocation as desired from September 2009 to August 2011 is neither required nor made.

2. Did PGCIL ever consider long term open access of Lanco Kondapalli Power Ltd., for the purpose of assessing the availability of the transmission capacity in northern region for the period from September 2009 to August 2011? If so provide the data in respect of the same for the months of January, 2010, April, 2010, October, 2010, January, 2011 and June, 2011.

#### Reply:

As mentioned above the Long Term Open Access granted to Lanco Kondapalli was always considered for assessing availability of transmission capacity. Further as explained above the LTOA granted to Lanco Kondapalli Power Ltd. being for a period of 25 years the month wise record as desired is neither required nor made. The LTOA granted to Lanco Kondapalli was based on target regions to NR and WR. The Lanco Kondapalli Power Ltd. during the period from September 2009 to August 2011 did not furnish any firm PPA in target regions as was required as per the CERC regulations, 2004.

3. Is there any instance from September 2009 to August 2011 wherein PGCIL refused any application of any customer/entity to transmit the power in view of long term open access of Lanco Kondapalli Power Ltd? If so please furnish the details of the same.

#### Reply:

The LTA granted to Lanco Kondapalli Power Pvt. Ltd. was for transfer of power from SR to target beneficiaries in WR/NR. For the period from September 2009 to August 2011 POWERGRID did not receive any long term open access application for transfer of power from SR to firm beneficiaries in WR/NR.

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केन्द्रीय कार्यालय : "सौदामिनी" प्लॉट सं. 2, सैक्टर-29, गुडगाँव-122 001, हरियाणा फोन : 2571700 - 719, फैक्स : 2571760, 2571761 तार 'नेटग्रिड'

Corporate Office: "Saudamini" Plot No. 2, Sector-29, Gurgaon-122 001. Haryana Tel.: 2571700 - 719, Fax: 2571760, 2571761 Gram: 'NATGRID'

संदर्भ संख्या/Ref. Number C/ENG/SEF/S/08/LTOA

Date: August 8, 2008

To

| i O  |   |
|--|---|
| I. Sh.V.Ramakrishna Member (PS) Central Electricity Authority Sewa Bhawan, R.K.Puram New Delhi-66  | 2. The Member Secretary, Southern Regional Power Committee, 29, Race Course Cross Road, Bangalore 560 009. FAX: 080-22259343                            |
| 3. The Director (Transmission), Transmission Corp. of Andhra Pradesh Ltd., Vidyut Soudha, Hyderabad – 500 082. FAX: 040-66665137                       | 4. The Director (Transmission), Karnataka State Power Transmission Corp.Ltd., Cauvery Bhawan, Bangalore 560 009. FAX: 080 -22228367                     |
| 5.The Member (Transmission), Kerala State Electricity Board, Vidyuthi Bhawanam, Pattom, P.B. No. 1028, Thiruvananthapuram - 695 004. FAX: 0471-2444738 | 6. Member (Distribution), Tamil Nadu electricity Board (TNEB), 6 <sup>th</sup> Floor, Eastern Wing, 800 Anna Salai, Chennai - 600002. FAX: 044-28516362 |
| 7.The Director (Power), Corporate Office, Block – I, Neyveli Lignite Corp. Ltd., Neyveli , Tamil Nadu – 607 801. FAX: 04142-252650                     | 8. The Superintending Engineer –I, First Floor, Electricity Department, Gingy Salai, Puducherry – 605 001. FAX: 0413-2334277/2331556                    |
| 9. Director (Projects), National Thermal Power Corp. Ltd. (NTPC), NTPC Bhawan, Core-7, Scope Complex, Lodhi Road, New Delhi-110003. FAX-011-24360912   | 10. Director (Operations), NPCIL, 12 <sup>th</sup> Floor, Vikram Sarabhai Bhawan, Anushakti Nagar, Mumbai – 400 094. FAX: 022-25991258                  |
|  |   |

Sub: Long Term Open Access Applications in Southern Region - Minutes of the meeting

Sir,

We write with reference to the Long Term Open Access meeting held on June 13, 2008 at Hyderabad to discuss Long Term Open Access Applications in Southern Region. Minutes of the meeting are enclosed. Your comments and observations, if any, may be sent to us at the earliest.

**Encl: Minutes** 

Yours faithfully,

(Y.K. Sehgal)

General Manager (Engg.-SEF)

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Corporate Office: "Saudamini" Plot No. 2, Sector-29, Gurgaon-122 001. Haryana

Tel.: 2571700 - 719, Fax: 2571760, 2571761 Gram: 'NATGRID'

संदर्भ संख्या/Ref. Number C/ENG/SEF/S/08/LTOA

7. Shri K Vijaya Kumar

KVK Nilachal Power Pvt. Ltd. 6-3-1109/A/1, 3rd Floor,

Somajiguda, Hyderabad-500082

Navabharath Chambers, Raj Bhavan Road,

Director,

Date: August 8, 2008

| 1. Sh. R. S. Sreenivas Managing Director Simhapuri Energy Private Ltd. Madhucon Greenlands, 6-3-866/2, 3rd Floor, Begumpet, Hyderabad – 500016 (A.P.)                | 2. Sh. S. Sharma Sr. Vice President PTC India Limited 2nd Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110 066                                      |
|--|--|
| 3. Shri P. Panduranagarao Director & CEO Lanco Kondapalli Power Private Limited Plot No.4, Software Units Layout, Hitech City, Madhapur, Hyderabad – 500 081         | 4. Mr. Haziq Beg Director, APPDCL C/o IL&FS, 4th Floor, Core 4B, India Habitat Centre, Lodhi Road, New Delhi 110 003                                       |
| 5. Shri P.M.K. Gandhi Director – Project Development Gautami Power (Samalkot) Private Ltd. "Paigah House", 156-159, Sardar Patel Road, Secunderabad – 500 003 (A.P.) | 6. Dr. B. H. Ravindra Executive Director & Head Krishnapatnam Power Corporation Limited Plot No.322, Road No.25, Jubilee Hills, Hyderabad – 500 033 (A.P.) |

Sub: Long Term Open Access Applications in Southern Region - Minutes of the meeting

Sir,

We write with reference to the Long Term Open Access meeting held on June 13, 2008 at Hyderabad to discuss Long Term Open Access Applications in Southern Region. Minutes of the meeting are enclosed. Your comments and observations, if any, may be sent to us at the earliest.

Yours faithfully.

Encl: Minutes

General Manager (Engg.-SEF)

पंजीकृत कार्यालय : बी-९, कुतव इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-११००१६ दूरमाष : २६५६०१२१ फैक्स : ०११-२६५६००३९ तार 'नेटग्रिड' Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016 Tel.: 26560121 Fax: 011-26560039 Gram: 'NATGRID'

# Minutes of meeting of SR constituents regarding Long Term Open Access applications held on 13.06.2008 at Hyderabad

List of participants is enclosed at Annexure-I.

Meeting of Southern Region constituents to discuss the Long Term Open Access Applications was held on 13.06.2008 at Hyderabad. GM (Engg.), POWERGRID welcomed all the participants. The gist of the discussion held during the meeting is given below:

- 1. POWERGRID informed that it has received applications from number of generation projects developers seeking Long Term Open Access (LTOA) in Inter-State Transmission System (ISTS) for transfer of power from their proposed generation project to different beneficiaries in SR/WR/NR. The agenda for the meeting circulated earlier included details about the applications and the studies carried out for evolving the necessary transmission system.
- 2. POWERGRID representative made presentation on the evolution of transmission system. Likely power supply position taking into consideration the generation additions as per 11<sup>th</sup> Plan capacity addition program as well as capacity additions through LTOA route was presented. It was informed that as per the load generation analysis, Southern Region is likely to be in surplus of about 5800MW during peak conditions and about 12000MW during off-peak conditions. Further, out of the 5800 MW about 4630 MW, as per LTOA applications, has been allocated to beneficiaries outside SR. Therefore, to facilitate the power transactions desired by the LOTA applicants strengthening of not only the regional ISTS but inter-regional links shall be required.
- 3. Towards this it was informed that presently there exist 1000MW HVDC back-to-back link between SR-WR at Chandrapur. An alternate route also exists via ER through 1000 MW HVDC back-to-back at Gazuwaka (SR) and by regulating power flow on Talcher-Kolar HVDC bipole, however, utilization of this path shall require strengthening of transmission in ER beyond Talcher-II through elements like Talcher-Rourkela etc. It was further stated that loading on ER-WR corridor shall also pose constraints in utilizing this path for effecting desired interregional power transfers. Therefore, it is necessary that already identified inter-

regional links between SR and WR through 1000 MW HVDC back-to-back at Kolhapur and Raichur – Sholapur 2xS/c 765 kV lines are also required to meet the transmission requirements of LTOA applications.

- 4. Member (PS), CEA desired to know the realistic schedule and the progress made by each of the applicants. GM (Engg.), POWERGRID requested all LTOA applicants to update the progress of the generation project in the format given to them.
- 5. Representative of applicant for Meenakshi generation project informed that they wish to change the allocation earlier made to SR to NR constituents. GM (Engg.), POWERGRID stated that after so much of efforts made in studies and evolution of transmission system the last minute changes should be avoided as it shall never lead to converge and finalise the transmission requirement. He stated that as such project developers are late in making the application considering March, 2010 as the commissioning schedule for generation project. After deliberations it was decided that applicant for the Meenakshi generation project shall make fresh application for the LTOA.
- 6. POWERGRID informed that as indicated in the agenda the generation additions are basically taking place in three areas viz. Krishnapattanam / Nellore, Vemagiri / Vijaywada and Shrikakulam (AP). Accordingly, integrated transmission system has been developed with appropriate phasing to facilitate evacuation of power from the LTOA generation projects, the details of which are given in the agenda.
- 7. It was explained that for the four number of projects coming in the Krishnapattanam / Nellore area viz. Simhapuri (540 MW), Meenakshi (540 MW), Krishnapattanam APPDCL (1600 MW), Krishnapattanam Navayuga (1860 MW), Following transmission system has been identified:-

#### **Dedicated Transmission system**

#### Simhapuri generation project

- a) Simhapuri Nellore 400 kV Quad D/c line\*\*
- b) Two nos of 400kV bays each at Simhapuri generation switchyard & Nellore POWERGRID substation

#### Meenakshi generation project

- c) Simhapuri switchyard Meenakshi switchyard 400 kV D/c line or bus extension which ever is feasible
- d) Two nos of 400kV bays each at Simhapuri generation switchyard & Meenakshi generation switchyard
  - Note\*\*-Power from Meenakshi generation project shall be evacuated through Simhapuri Nellore 400kV D/c quad line therefore its transmission charges shall be shared equally by the Meenakshi and Simhapuri generation developer

#### Krishnapatnam (APPDCL) generation project

- e) Krishnapatnam (APPDCL) Nellore (Pooling point) 400 kV Quad D/c
- f) Krishnapatnam (APPDCL) Chittoor 400 kV Quad D/c
- g) Associated 400kV bays at Krishnapatnam (APPDCL) generation switchyard, Nellore (Pooling point) and Chittoor substations

#### Krishnapatnam (Navayuga) generation project

- h) Krishnapatnam (Navayuga) generation to be stepped up 765 kV and injected at Nellore Pooling station
- i) Inter linking of Krishnapatnam(Navyug) with 765kV Nellore Pooling station
   by 2xS/c 765kV lines
- j) Associated 765kV bays at Krishnapatnam (Navyug) generation switchyard and Nellore Pooling station

# Common Transmission system to shared by Simhapuri, Meenakshi, Krishnapatnam (APPDCL) and Krishnapatnam (Navayuga)

- k) Establishment of power Pooling station at Nellore by LILO of Simhapuri Nellore 400kV D/c line
- I) Nellore Pooling station Kurnool 765 kV 2x S/c
- m) Kurnool Raichur 2nd 765 kV S/c line
- n) Associated 765kV & 400kV bays at Nellore Pooling station, Kurnool and Raichur substations
- 8. As indicated in the agenda the development of Nellore Pooling Station shall be taken up at a later stage along with the development of Krishnapatnam (Navyuga) and/or Krishnapatnam (APPDCL). Accordingly the appropriate

phasing option indicated in the agenda shall be adopted based on the commissioning schedule of generation project as per BPTA to signed by project developers.

- 9. It was explained that construction, operation and maintenance of dedicated portion indicated above at para-7 shall be under the scope of respective generation developers. The common transmission system can be taken up by POWERGRID on behalf of generation developers in the area viz. Simhapuri, Meenakshi, APPDCL and Navayuga provided these generation developers sign necessary BPTA for sharing its charges in ratio of installed capacity of their generation projects.
- 10. For the projects coming in Vemagiri / Vijaywada area POWERGRID informed that following transmission system has been identified for evacuation of power:-

#### **Dedicated Transmission system**

#### Lanco Kondapalli generation project

- a) Lanco Kondapalli Vijayawada 400 kV D/c line
- b) Two nos of 400kV bays each at Lanco Kondapalli generation switchyard & Vijayawada substation

#### Gautami generation project

- c) Gautami generation Vemagiri 400kV D/c line (Lapwing conductor)
- d) Two nos of 400kV bays each at Gautami generation switchyard & Vemagiri substation

### Grid Strengthening Scheme

#### Gautami generation project

- e) Vemagiri Khammam 400 kV Quad D/c line
- f) Two nos of 400kV bays each at Vemagiri & Kkammam substation

Towards this AP Transco informed that there may not be any space available for termination of 400kV D/C line from Gautami generation to Vemagiri. After discussion it was decided that in such an eventuality of space constraint for bay at Vemagiri substation the line from Gautami generation project may be drawn directly to Khammam 400kV D/C quad.

POWERGRID sought views of the SR constituents for inclusion of Vemagiri – Khammam 400 kV D/c quad line as a part of regional pool. APTRANSCO and TNEB stated that this requirement has arisen because of the new generation capacity of LTOA hence should be borne by the LTOA applicant only. Member(PS), CEA stated that as LTOA applicant is ready to bear transmission charges of the complete SR grid proportional to its utilization, therefore he opined that this line should be included as a part of regional asset. In any case, he observed that, this line shall also assist in improving reliability of the transmission system in the area there by help the grid. Constituents stated that they shall give response after consulting their management.

11. Additionally, as indicated in the agenda, M/s KVK Neelachal Power Pvt. Ltd. (KVK) has applied seeking permission of "Long Term" Open Access in Inter-State Transmission System (ISTS) for transfer of 560MW power from their proposed generation project of capacity 600MW at Gurudijhatia Village, Cuttak district, Orissa. As per the application, in SR Kerala has a share of 140 MW from the project and effective date of commencement of LTOA is December 2009. The project is proposed to be inter-connected with the grid through LILO of one circuit of Baripada – Mendhasal 400 kV D/c line at generation switchyard.

The applicant has been granted LTOA for ER and WR grids in their respective regional forums with the conditions as specified in the agenda. As regards, SR is concerned the power transfer to Kerala can be effected through spare capacity on Talcher-Kolar HVDC bipole or 1000 MW Gazuwaka HVDC back-to-back or notionally it can also be transferred through displacement of share of WR/NR from other open access projects located in SR with beneficiaries as NR/WR. Therefore, Long Term Open Access to KVK Neelachal for transfer of 140 MW to Kerala can be granted without specifying any additional conditions but subject to KVK Neelachal signing BPTA for bearing transmission charges of SR grid and inter-regional link between SR & ER corresponding to 140 MW.

12. As regard to the sharing of the transmission charges, Member (PS), CEA informed to the LTOA applicant that they shall have to bear the transmission charges for ISTS pooled charges of SR as well as WR/NR proportionate to its

usage. Additionally the charges towards inter- regional transmission system shall also be payable corresponding to the allocation desired by each applicant. He cautioned the applicants that the inter-regional power transfer shall be allowed as per the capacity of the inter-regional link which presently is only 1000MW taking into consideration N-1 contingency in 2x500MW Chandrapur and 2x500MW Gazuwaka HVDC back-to-back links. He further informed to the applicants that any restriction on the power transfer or backing down of generation due to transmission constraints in the grid especially inter-regional link shall not relive them from bearing of transmission charges. He further emphasized that the situation is likely to improve only after commissioning of additional inter-regional links viz. 1000MW HVDC back-to-back link at Kolhapur and Raichur-Sholapur 2x765kV links. Therefore generation developers were advised to agree for bearing transmission charges for above mentioned interregional links so that these can be taken-up for implementation by POWERGRID. In this regard, it was informed by POWERGRID that construction of 1000 MW Kolhapur HVDC links shall require atleast 30 months after investment approval/award, therefore, it would be necessary that LTOA applicants may sign the BPTA at an early date to book capacity allocation in these for transfer of power with reliability.

13. Taking above into considerations following generation projects may be considered for giving LTOA for SR ISTS and inter-regional link of SR with neighboring regions

|   | Generation<br>Project | Gen<br>MW | LTOA quantum |     |      | Date of commencement of LTOA Sought |                           |
|---|-----------------------|-----------|--------------|-----|------|-------------------------------------|---------------------------|
|   |                       |           | SR           | ER  | WR   | NR                                  |                           |
| 1 | LANCO                 | 375       | -            | -   | 200  | 150                                 | June, 2009                |
|   | Kondapalli            |           |              |     |      |                                     |                           |
| 2 | Simhapuri             | 540       | 405          | -   | 135  | _                                   | Oct, 2009*                |
| 3 | KVK Neelanchal        | 600       | 140          | 140 | 140  | 140                                 | Dec' 2009                 |
|   | -ER                   |           |              |     |      |                                     |                           |
| 4 | Meenakshi             | 540       | 205          | -   | 165  | 170                                 | Sept, 2010*               |
| 5 | Gautami               | 1150      | 300          | -   | 400  | 450                                 | 1 <sup>st</sup> Qtr, 2011 |
| 6 | Krishnapatnam         | 1860      | 360          | -   | 600  | 900                                 | Mar, 2012*                |
|   | (Navayugaa)           |           |              |     |      |                                     |                           |
| 7 | Krishnapatnam         | 1600      | 1425         | -   | -    | 175                                 | June, 2012*               |
|   | APPDCL                |           |              |     |      | 100 C 100 P                         |                           |
|   | Total                 | 6665      | 2835         | 140 | 1640 | 1985                                |                           |

\* Information updated during/after the LTOA meeting

To accommodate above LTOA transactions, allocation of existing inter-regional transmission capacity between SR-ER and SR-WR have been considered in an equitable and non-discriminatory manner on first-come-first serve basis. The allocation has been considered on the basis that power flow from SR to NR can take place through SR-ER and SR-WR links whereas power flow from SR to WR can take place through SR-WR link only as SR-ER-WR route shall be quite long.

Keeping above aspects into consideration, it is proposed to consider allocation of inter-regional capacity as mentioned in following table:

| SI.<br>No. | Project Name              | LTOA<br>Sought | Allocation<br>in SR-<br>WR<br>(MW) | Cumulative<br>Allocation<br>in SR-WR | Allocation<br>in SR-ER<br>(MW) | Cumulative<br>Allocation<br>in SR-ER |
|------------|---------------------------|----------------|------------------------------------|--------------------------------------|--------------------------------|--------------------------------------|
| 1.         | LANCO<br>Kondapalli       | 350            | 275                                | 275                                  | 75                             | 75                                   |
| 2.         | Nagarjuna Power           | 1015           | 94                                 | 369                                  | -                              | 75                                   |
| 3.         | Simhapuri                 | 540            | 135                                | 504                                  |                                | 75                                   |
| 4.         | KVK Neelachal             | 560            | -                                  | 504                                  | 140                            | 215                                  |
| 5.         | Meenakshi                 | 540            | 165                                | 669                                  | 170                            | 385                                  |
| 6.         | Gautami                   | 1150           | 735                                | 1404                                 | 115                            | 500                                  |
| 7.         | Krishnapatnam<br>Navayuga | 1860           | 1500                               | 2904                                 | <b>-</b>                       | 500                                  |
| 8.         | Krishnapatnam<br>APPDCL   | 1600           | 175                                | 3079                                 | -                              | 500                                  |
|            |                           |                |                                    |                                      |                                |                                      |

It is to be clarified here that the above mentioned allocation shall be firmed up after signing of BPTA with POWERGRID, in case of non-signing of BPTA the capacity shall be allocated to next generation developer coming as per time frame.

In the above table it may be seen that existing SR-WR inter-regional link capacity gets fully allocated after first three generation projects viz. LANCO Kondapalli, Nagarjuna Power & Simhapuri. For transfer of power from Meenakshi project, entire quantum of power transfer to NR has been considered to effect through SR-ER link as capacity for SR-WR has been exhausted and capacity in SR-ER link was still available. In other words, Meenakshi generation developer shall be able to transfer desired 170 MW to NR through SR-WR link and shall have to resort to seeking short term route for transfer of desired 165 MW to WR beneficiaries till additional link between SR-

WR is commissioned. Here it may be clarified that the balance 115 MW capacity in the SR-ER link has not been allocated for partly accommodating the power transfer desired for WR constituents as SR to ER to WR transmission route shall be longer and may not be desirable for allocation on long term basis. Similarly for Gautami generation project, 115 MW can be allocated in SR-ER link and for balance desired LTOA to WR and NR beneficiaries they shall have to seek short term open access route. On the similar lines other generation projects viz. Krishnapatnam APPDCL Krishnapatnam Navyug etc, materializing after Meenakshi project shall have to seek the short term open access route till planned additional inter-regional links viz. 1000MW HVDC back-to-back link at Kolhapur and Raichur-Sholapur 2x765kV links between SR-WR are commissioned.

Based on the above allocations, the regional/inter-regional transmission charges payable by each of the generation project developer/its beneficiaries shall be as given below:

|   | Generation Project | MW fo | MW for sharing of transmission charges for pooled system |           |      |     |           |           |           |     |
|---|--------------------|-------|--|-----------|------|-----|-----------|-----------|-----------|-----|
|   | -                  | SR    | SR-<br>WR  | SR-<br>ER | WR   | ER  | ER-<br>WR | WR-<br>NR | ER-<br>NR | NR  |
| 1 | LANCO Kondapalli   | 350   | 275  | 75        | 275  | 75  | -         | 75        | 75        | 150 |
| 2 | Nagarjuna          | 939   | 94   | -         | 94   | -   | -         | 94        | _         | 94  |
| 3 | Simhapuri          | 540   | 135  | -         | 135  | Ī   | _         | -         | -         | _   |
| 4 | KVK Neelanchal -   | 140   | -  | 140       | 140  | 560 | 140       | -         | 140       | 140 |
|   | ER                 |       |  |           |      |     |           |           |           |     |
| 5 | Meenakshi          | 540   | 165  | 170       | 165  | 170 | -         | -         | 170       | 170 |
| 6 | Gautami            | 1150  | 735  | 115       | 735  | 115 | -         | 335       | 115       | 450 |
| 7 | Krishnapatnam      | 1860  | 1500   | -         | 1500 | -   | _         | 900       | -         | 900 |
|   | (Navayugaa)        |       |  |           |      |     |           |           |           |     |
| 8 | Krishnapatnam      | 1425  | 175  | -         | 175  | -   | -         | 175       | -         | 175 |
|   | APPDCL             |       |  |           |      |     |           |           |           |     |

With regard to the sharing of transmission charges for the inter-regional links, it was explained that LTOA applicants allotted capacity from SR-WR Inter-regional system (presently only Chandrapur HVDC) shall bear SR-WR inter-regional charges in proportion to the inter-regional power transfer sought. When any additional link viz. 1000 MW Kolhapur HVDC back-to-back and/or Raichur-Sholapur 765 kV 2xS/c shall be available, then the charges to be shared by all the LTOA applicants having capacity allocated in the SR-WR system shall be in proportion to the total SR-WR charges (i.e. charges for Chandrapur + Kolhapur HVDC links and also of Raichur – Sholahpur 765kV 2xS/c line).

- 14. GM (Engg.), POWERGRID stated that above sharing mechanism is in line with the CERC regulations on the subject and LTOA applicant may contact POWERGRID for seeking any clarification regarding sharing of transmission charges for regional as well as inter-regional transmission systems as per the CERC regulation. He stated that POWERGRID shall forward draft BTPA to all the LTOA applicants for which should convey their concurrence to sign the same by September 15, 2008.
- 15. Based on the discussions following has been decided with regard to Long Term
  Open Access application by different generation developers
  - A) To grant Long Term Open Access for ISTS of Southern Region to (i) Simhapuri Energy Pvt. Ltd., (ii) Meenakshi Energy Pvt. Ltd., (iii) Andhra Pradesh Power Development Company Ltd. and (iv) Krishnapatnam Power Corporation Ltd., subject to following conditions
    - Signing of the BPTA for SR ISTS and common transmission system as mentioned at para 7 within stipulated time of 15<sup>th</sup> September, 2008
    - II. Availability of dedicated transmission system

As regards Open Access for regional system of WR/ER/NR and associated inter- regional links, the same shall be decided after it is discussed in Regional forums of WR, ER and NR.

- B) To grant Long Term Open Access for ISTS of Southern Region to Lanco Kondapalli Power Pvt. Ltd subject to following conditions
  - I. Signing of the BPTA for SR ISTS
  - II. Availability of dedicated transmission system

As regards Open Access for regional system of WR/ER/NR and associated inter- regional links, the same shall be decided after it is discussed in Regional forums of WR, ER and NR.

- C) To grant Long Term Open Access for ISTS of Southern Region to KVK Neelachal Private Limited, subject to following conditions
  - I. Signing of the BPTA for SR ISTS
  - II. Availability of dedicated transmission system

- D) To reconsider the application of Gautami Power (Samalkot) based on the feedback of APTRANSCO regarding availability of space 4 nos of bays at Vemagiri substation and decision of SR constituents regarding pooling of Vemagiri – Khammam 400 kV Quad D/c line as regional pool.
- 16. Meeting ended with vote of thanks to Member(PS), CEA and other delegates.

# <u>List of participants during the meeting of SR constituents regarding</u> <u>Long Term Open Access application held on 13.06.2008 at Hyderabad</u>

| SI. No.                                | Name & Organisation  | Designation  |
|--|--|--|
| 1.<br>2.<br>3.                         | <u>CEA</u><br>V. Ramakrishna<br>A.K. Asthana<br>Pardeep Jindal   | Member (PS) Chief Engineer (SP&PA) Director (SP&PA)  |
| 4.<br>5.                               | SRPC K. Srinivasarao Asit Singh  | Member Secretary<br>Executive Engineer   |
| 6.<br>7.<br>8.<br>9.<br>10.<br>11.     | POWERGRID Anand Mohan Y.K. Sehgal M.R.V Holla Dilip Rozekar A. Nagaraju A.C. Sankaraiah R.V.M.M. Rao           | ED (SRTS-I) GM (Engg.), CC AGM (Engg.), SRTS-II CDE (Engg.), CC Chief Manager, SRTS-II Chief Manager, OS, SRTS-I CDE (Engg.), CC |
| 13.<br>14.<br>15.                      | •  | GM (PE-E)<br>GM (OS)<br>DCDE   |
| 16.                                    | NPCIL<br>Sandeep Sarwate   | Dy. C.E  |
| 17.                                    | Neyveli Lignite Corp.<br>S. Muthu  | DGM  |
| 18.<br>19.<br>20.<br>21.<br>22.<br>23. | APTRANSCO K. Gopala Krishna K.S.N. Murthy S. Vishwanathan Mohd Anwaruddin Y.L. Narsimha Rao M. Balasubramanyam | Director(Proj. Coordination & GO) CE(GO) CE (PS) SE, Protection SE(Power Planning) DE/System Studies                             |
| 24.<br>25.<br>26.                      | TNEB S. Sowmyanarayanan Srinivas Shankar S. Balaguru   | Consultant, TNEB<br>SE/System Studies<br>EE/System Studies   |
| 27.<br>28.<br>29.                      | KSEB<br>K. Asokan<br>K. Ramachandran Nair<br>S.R. Anand  | Member (Trans)<br>CE<br>EE (LD)  |
| 30.<br>31.                             | KPTCL K. Paramesha K.N. Srinath  | AEE, Electrical<br>SEE   |

# List of participants during the meeting of SR constituents regarding Long Term Open Access application held on 13.06.2008 at Hyderabad

| SI. No.    | Name & Organisation                          | Designation                           |                                       |
|------------|--|---------------------------------------|---------------------------------------|
|            |  |                                       |                                       |
|            | KPTCL  | , , , , , , , , , , , , , , , , , , , | · · · · · · · · · · · · · · · · · · · |
| 32.        | Chandre Gowda                                | Director (Tra                         | ans.)                                 |
| 33.        | S. Ramesh                                    | CE (P&S)                              |                                       |
| 34.        | K.N. Ramakrishna                             | CE (SLDC)                             |                                       |
| 35.        | K. N. Srinath                                | EE (SLDC)                             |                                       |
| 36.        | M.S. Prabhakar                               | EE (PSS)                              |                                       |
| 37.        | Kiran V.                                     | AEE (PSS)                             |                                       |
| 38.        | Electricity Dept., Pondicherry Ramnath Ashok | EE(EHV)                               |                                       |
| 36.<br>39. | T. Gopalakrishnan                            | EE EE                                 |                                       |
| 40.        | D. Gunasekaran                               | EE                                    |                                       |
| 40.        | D. Gunasekaran                               | Access Barrer                         |                                       |
|            | Long Term Open Access Appli                  | cants                                 |                                       |
| 41.        | P. P. Rao                                    | CEO                                   | Lanco Kondapalli                      |
| 42.        | R. K. Gupta                                  | CEO                                   | Lanco Kondapalli                      |
| 43.        | S. S. Sharma                                 | Sr. VP                                | PTC                                   |
| 44.        | Dr. K.S. Gandhi                              | Advisor                               | Simhapuri                             |
|            | R.S. Srinivas                                | MD                                    | Simhapuri                             |
| 46.        | S. Ramesh                                    | GM                                    | Simhapuri                             |
| 47.        | VNSSRT Prasad                                | DGM                                   | Simhapuri                             |
| 48.        | M. Sreehari                                  | Consultant                            | Meenakshi                             |
| 49.        | G.S. Prasad                                  | Advisor                               | Meenakshi                             |
| 50.        | N. Basanth Kumar                             | SE                                    | APPDCL                                |
| 51.        | Saurabh Seth                                 | Manager                               | APPDCL                                |
| 52.        | M. Kishore                                   | VP                                    | KVK Nilachal                          |
| 53.        | P.M.K. Gandhi                                | Director                              | GVK Gautami                           |
| 54.        | Kiran Kolli                                  |                                       | Navayuga Power                        |
| 55.        | Dr. B.H. Ravindra                            |                                       | Krishnapatnam Power                   |
| 56.        | E. Vijaya Krishna                            |                                       | Athena Kakinada Power                 |

Annex-II

## पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)



## POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

केन्द्रीय कार्यालय : "सौदामिनी" प्लॉट सं. 2. सैक्टर-29, गुडगाँव-122 001, हरियाणा फोन : 2571700 - 719, फैक्स क्टेंटर1760, 2571761 वर्ष सेटप्रिड'

Corporate Office: "Saudamini" Plot No. 2, Sector-29, Gurgaon-122 001. Haryana Tel.: 2571700 - 719, Fax: 2571760, 2571761 Gram: 'NATGRID'

संदर्भ संख्या/Ref. Number

C/ENG/SEF/TA/L/S/09/001

Date: 06th July, 2009

To,

Shri P. Panduranagarao
Director & CEO
Lanco Kondapalli Power Private Limited
Plot No.4, Software Units Layout, Hitech City,
Madhapur, Hyderabad – 500 081 (A.P.)

Sub: Long Term Open Access for generation projects in Andhra Pradesh in advanced stage of commissioning

Dear Sir,

The grant of Long Term Open Access for evacuation of power from generation projects in Andhra Pradesh, Southern Region has been considered for the generation project of Lanco Kondapalli Power Private Ltd.

The intimation letter for providing Long Term Open Access is enclosed. It is requested that the respective generation project developers may initial the BPTA and also provide an undertaking to sign the requisite BPTA upon its approval by CERC.

Thanking you,

Yours faithfully,

Pankaj Kumar

General Manager (Engg.-SEF)

#### POWER GRID CORPORATION OF INDIA LTD. Long Term Open Access - Intimation

Intimation No. C/ENG/SEF/TA/L/S/09/002

Dated: 06<sup>th</sup> July, 2009

Ref: Application No.: LKPPL/PGCIL/OA/2008/

Dated: 25<sup>th</sup> Feb, 2008

1. Name of the Customer: Lanco Kondapalli Power Private Limited

2. Address for correspondence: Sh. P. Panduranagarao

Director & CEO

Lanco Kondapalli Power Private Limited Plot No.4, Software Units Layout, Hitech City, Madhapur, Hyderabad - 500 081 (A.P.)

3. The long term open access is hereby PERMITTED as per the details given below:

| <ul> <li>(a) Name(s) of the injecting utility :         <ul> <li>Point(s) of injection of power</li> </ul> </li> <li>(Nearest EHV Substations and Ownership of EHV substations)</li> <li>Quantum of power injection into Inter-state Tr. Network</li> <li>(b) Name of drawee utility :</li> </ul> | i) Lanco Kondapalli Power Private Ltd.  PGCIL substation near Nunna (through a dedicated 400kV D/c line from power plant)  AP SLDC  Western Region -200 MW  |
|---|---|
| Point(s) of drawl of power     (Nearest EHV Substations and     Ownership of EHV substations)   | <ul> <li>Northern Region -150 MW</li> <li>Not Specified (considered to uniformly distributed at different 220 kV substation in each of the State)</li> </ul>  |
| Name(s) of concerned SLDC  (c) Quantum of transmission capacity permitted :   | <ul><li>SLDC OF Respective drawee State</li><li>350 MW</li></ul>  |
| '   | 4   |
| (d)Transmission requirement:  | Lanco Kondapalli to ensure that following identified dedicated transmission system is available before commencement of Long Term Open Access  a) Lanco Kondapalli – Vijayawada 400 kV D/c line  b) Two nos of 400kV bays each at Lanco Kondapalli generation switchyard & Vijayawada substation |
| (e) Date of commencement of open  | Whichever is later of the following dates   |

#### POWER GRID CORPORATION OF INDIA LTD. Long Term Open Access - Intimation

Intimation No. C/ENG/SEF/TA/L/S/09/002

Dated: 06<sup>th</sup> July, 2009

Ref: Application No.: LKPPL/PGCIL/OA/2008/

Dated: 25th Feb, 2008

Name of the Customer: 1.

Lanco Kondapalli Power Private Limited

2. Address for correspondence: Sh. P. Panduranagarao

Director & CEO

Lanco Kondapalli Power Private Limited Plot No.4, Software Units Layout, Hitech City, Madhapur, Hyderabad - 500 081 (A.P.)

The long term open access is hereby **PERMITTED** as per the details given below: 3.

| (a) Name(s) of the injecting utility: Point(s) of injection of power  (Nearest EHV Substations and Ownership of EHV substations) | i) Lanco Kondapalli Power Private Ltd.  PGCIL substation near Nunna (through a dedicated 400kV D/c line from power plant)  AP SLDC   |
|--|--|
| <ul> <li>Quantum of power injection into<br/>Inter-state Tr. Network</li> </ul>  |  |
| (b) Name of drawee utility :   | <ul><li>Western Region -200 MW</li><li>Northern Region -150 MW</li></ul>   |
| Point(s) of drawl of power     (Nearest EHV Substations and     Ownership of EHV substations)                                    | <ul> <li>Not Specified (considered to<br/>uniformly distributed at different 220<br/>kV substation in each of the State)</li> </ul>  |
| Name(s) of concerned SLDC  | ■ SLDC OF Respective drawee State  |
| (c) Quantum of transmission capacity permitted :   | 350 MW   |
| (d)Transmission requirement:   | Lanco Kondapalli to ensure that following identified dedicated transmission system is available before commencement of Long Term Open Access  a) Lanco Kondapalli – Vijayawada 400 kV D/c line b) Two nos of 400kV bays each at Lanco Kondapalli generation switchyard & Vijayawada substation   |
| (e) Date of commencement of open   | Whichever is later of the following dates  |
|  | c. Name to the control of the contro |

| access:  | <ul> <li>(i) Date of commissioning of generation project (which as per application is in June 2009)</li> <li>(ii) Signing of BPTA with POWERGRID by Generation project developer for sharing of transmission charges for regional and inter-regional system.</li> </ul> |
|--|---|
| (f) Period for which the Open access is permitted :  | 25 years from the date of commencement of open access   |
| (g) Name of utilities with whom BPTA is to be signed by the applicant seeking long term open access: | Power Grid Corporation of India Ltd.  |

4. Due date for receipt of acceptance :

Within one week from issue of this letter

Note: In the event of non-signing of BPTA by 10<sup>th</sup> August, 2009 the LTOA would be treated as cancelled and fresh application would be required.

Place: Gurgaon Date: 06.07.2009

Name: Pankaj Kumar Designation: GM(Engg.-SEF)

#### To:

Shri P. Panduranagarao
Director & CEO
Lanco Kondapalli Power Private Limited
Plot No.4, Software Units Layout, Hitech City,
Madhapur, Hyderabad – 500 081 (A.P.)

#### Copy to:

| Member Secretary                        | Member Secretary                 |
|---|----------------------------------|
| Northern Regional Power Committee       | Eastern Regional Power Committee |
| 18-A, Shaheed Jeet Singh Sansanwal Marg | 14, Golf Club Road, Tollyguni    |
| Katwaria Sarai, New Delhi-110 016       | Kolkata - 700 033                |
| Fax: 011-26865206                       | Fax: 033-24221802                |
| Member Secretary                        | Member Secretary                 |
| Southern Regional Power Committee       | Western Regional Power Committee |
| 29, Race Course Cross Road              | Plot No. F-3, MIDC Area, Marol   |
| Bangalore - 560 009                     | Opposite SEEPZ, Andheri (East)   |
| Fax: 080-22259343                       | Mumbai – 400 093                 |
|   | Fax: 022-28370193                |

#### Copy for information to:

ED (Commercial) / ED (SO) / ED (NRTS-I) / ED(NRTS-II) / ED (ERTS-I) / ED(ERTS-II) / ED (WRTS-I) / ED(WRTS-II) / ED (SRTS-II) / GM (ERLDC) / GM (NRLDC) / GM (SRLDC) / GM (WRLDC)