

# **Amravati Power Transmission Company Limited**

"Indiabulls House", 448-451, Udyog Vihar, Phase-V, Gurgaon - 122001  
Tel.: - +91 124 3081930, Fax: - +91 124 3081948

**Ref No: APTCL/MERC/LA/2014/50**

**Date: 16.04.2014**

To,  
The Secretary,  
Maharashtra Electricity Regulatory Commission  
World Trade Centre, Centre No. 1  
13th Floor, Cuffe Parade,  
Colaba, Mumbai 400 005

0323 21.4.14

**Subject: Submission of Reply to Data Gaps during Technical Validation Session in respect of Petition for amendment of Transmission License for Amravati Power Transmission Company Limited (APTCL)– Case No. 67 of 2014**

Dear Sir,

This is with respect to the Data Gaps identified by Hon'ble Commission during Technical Validation Session held on 15.04.2014, for APTCL petition for amendment of transmission license.

As compliance to above, we are herewith submitting six (6) copies of STU letter No. 4442 dated 15.04.2014 as response to data gap identified for kind acceptance and approval by Honourable Commission.

Thanking you,

Yours faithfully,  
For Amravati Power Transmission Company Ltd.



(Authorized Signatory)

**Encl: As above**

**CC:**

1. Director (Projects), MSETCL
  2. CE (STU), MSETCL
  3. Consumer Representatives –
    - Prayas Energy Group, Pune
    - Mumbai Grahak Panchayat Grahak Bhavan, Mumbai
    - Thane Belapur Industries Association, Navi Mumbai
    - Vidarbha Industries Association, Nagpur
    - Maharashtra Chamber of Commerce, Industry & Agriculture, Mumbai
- Along with enclosures



**MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED**

<b>Name of Office:</b>	<b>Office of the the Chief Engineer (State Transmission Utility)</b>
<b>Office Address:</b>	Prakashganga, 5 <sup>th</sup> floor / 'A' Wing, Plot C -19, E - block, BKC, Bandra (E), Mumbai: - 400051.
<b>Contact No.:</b>	(O) 022 - 1659 5176, (P) 022 - 1659 5175, Fax: 022 - 16591222
<b>E-Mail Id:</b>	<a href="mailto:cestu@mahatransco.in">cestu@mahatransco.in</a> , <a href="mailto:cestu@maharashtrastu.com">cestu@maharashtrastu.com</a>
<b>Website:</b>	<a href="http://www.mahatransco.in">www.mahatransco.in</a> , <a href="http://www.maharashtrastu.com">www.maharashtrastu.com</a>

**MSETCL/CO/STU/302B/TL/4442**

**Date: 15-04-2014**

To,  
M/s. Amravati Power Transmission Ltd,  
"Indiabulls House", 448-451,  
Udyog Vihar, Phase-V,  
Gurgaon,-122001.

**Sub: Amendment of Transmission License for Amravati Power Transmission Company Limited (APTCL)– Case No. 67 of 2014 - Consent for revised transmission network.**

- Ref: 1. MERC Order no. 32 of 2010 for grant of Transmission Licence for development of Transmission Network, dated 30-12-2010.  
2. APTCL's submission of transmission network to STU vide email dated 06.01.2014  
3. TVS held on 15-04-2014 for amendment of APTCL transmission license (Case no. 67 of 2014)  
4. Your office letter no. APTCL/MSETCL/LA/2014 dated 15-04-2014.

Dear Sir,

With reference to the order cited u/r. 1, MERC had issued Transmission Licence no 3 of 2010, dated 30-12-2010 with following scope of works:

- 400 KV D/C Quad Moose Amravati TPP-Akola S/S Transmission Line (104 km) (Line to be taken and connected to Akola-I substation of MSETCL initially and subsequently extended and connected to Akola-II substation of MEGPTCL)
- LILLO of 400 KV S/C Akola to Koradi Transmission line at Amravati TPP (7 km)
- 2 Nos. 400 KV line bays at MSETCL Akola-I Sub-station.

Now, vide letter u/r 4; you have requested for consent for revised Transmission network as per proposed Amendment of Transmission License for Amravati Power Transmission Company Limited (APTCL). Also you have referred to Technical Validation Session held on 15-04-2014, for APTCL petition for amendment of transmission license, wherein, Hon'ble Commission has directed for seeking STU consent for the APTCL's final transmission network as per below:

- 400 KV D/C Quad Moose Amravati TPP-Akola-II S/S Transmission Line (104 km)
- LILLO of 400 KV S/C Akola to Koradi Transmission line at Amravati TPP (7 km)
- 2 Nos. 400 KV line bays at MSETCL Akola-I Sub-station.

***Sub: Amendment of Transmission License for Amravati Power Transmission Company Limited (APTCL)– Case No. 67 of 2014 - Consent for revised transmission network***

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In view of above consent is provided for the proposed amended area of transmission network of M/S. APTCL . Also necessary changes are incorporated in upcoming STU five year plan for 2013-14 to 2017-18.

Thanking you.

Yours Faithfully,



**The Chief Engineer  
State Transmission Utility**

**Copy s.w.r.s. to:**

1. The Chairman & Managing Director
2. The Director (Projects), MSETCL, Prakashganga, Mumbai.
3. The Executive Director (Projects), MSETCL, Prakashganga, Mumbai.

## Affidavit

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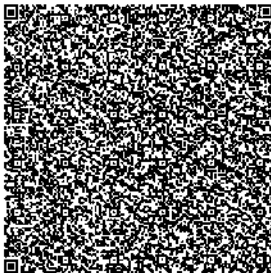
सत्यमेव जयते

## INDIA NON JUDICIAL

### Government of National Capital Territory of Delhi

#### e-Stamp

Certificate No.	: IN-DL44927130010181M
Certificate Issued Date	: 14-Apr-2014 10:25 PM
Account Reference	: IMPACC (IV)/ dl715903/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL71590387010992869877M
Purchased by	: Amravati Power Transmission Company Ltd
Description of Document	: Article 4 Affidavit
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: Amravati Power Transmission Company Ltd
Second Party	: Not Applicable
Stamp Duty Paid By	: Amravati Power Transmission Company Ltd
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



.....Please write or type below this line.....

This stamp paper is part & parcel of the documents attached in relation to Amravati Power Transmission Company Limited affidavit under case no 67 of 2014.

*Ron*  
(Roonakori)

#### Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at "www.shcilestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.

## **Amravati Power Transmission Company Limited**

"Indiabulls House", 448-451, Udyog Vihar, Phase-V, Gurgaon - 122001  
Tel.: - +91 124 3081930, Fax: - +91 124 3081948

**Ref No: APTCL/MERC/LA/2014**

**Date: 14.04.2014**

**To,  
The Secretary,  
Maharashtra Electricity Regulatory Commission  
World Trade Centre, Centre No. 1  
13th Floor, Cuffe Parade,  
Colaba, Mumbai 400 005**

**Subject: Submission of Reply to Data Gaps for Technical Validation Session in respect of Petition for amendment of Transmission License for Amravati Power Transmission Company Limited (APTCL)- Case No. 67 of 2014**

Dear Sir,

This is with respect to the Data Gaps received from Hon'ble Commission through Email dated 09.04.2014 for Technical Validation Session to be held on 15.04.2014, for APTCL petition for amendment of transmission license.

As compliance to above, we are herewith submitting six (6) copies of Response to Data Gaps identified for kind acceptance and approval by Honourable Commission.

Thanking you,

Yours faithfully,  
For Amravati Power Transmission Company Ltd.



(Authorized Signatory)

Encl: As above

CC:

1. Director (Projects), MSETCL } - Along with enclosures  
2. CE (STU), MSETCL }  
3. Consumer Representatives - }


- Prayas Energy Group, Pune
- Mumbai Grahak Panchayat Grahak Bhavan, Mumbai
- Thane Belapur Industries Association, Navi Mumbai
- Vidarbha Industries Association, Nagpur
- Maharashtra Chamber of Commerce, Industry & Agriculture, Mumbai

**Case No. 67 of 2014 - APTCL Transmission Licence Amendment Petition**

**Response of APTCL - Data Gaps/Deficiencies provided for Technical Validation Session (TVS)**

S. No	Query raised by Hon'ble Commission	Clarification / Reply by Petitioner
1	Annexure – I: The applicant needs to support the rationale specified for requirement of amendment of the transmission licence with both hard and soft copies of all the references (letters) mentioned in the letter annexed at Annexure- I except for the MERC Orders.	<p>In support of the rationale specified for requirement of amendment of transmission license with both hard copies and soft copies of all the following reference letters are enclosed at <b>Appendix- I</b>:</p> <ol style="list-style-type: none"> <li>1. M/s. APTCL letter No. APTCL/400 KV /LILO &amp; ML/11-12/061 dt. 15.10.11</li> <li>2. CE STU's letter no. MSETCL/CO/STU/302B/15188 dt. 30.09.2010</li> <li>3. CE STU's letter no. MSETCL/CO/STU/302B/3460 dt. 09.03.2010</li> </ol>
2	Annexure – I: APTCL to submit the current status of the MoU referred in the Annexure-I and a copy of the same in case if it has been executed	<p>MoU between STU, M/s. APTCL &amp; M/s. MEGPTCL for shorting of APTCL's &amp; MEGPTCL's 400 KV D/C Quad transmission lines outside 765/400 KV Akola –II S/s of MEGPTCL, since 765/400 KV Akola –II S/s of MEGPTCL was to be ready at later stage, was required to be taken up to avoid evacuation bottlenecks for Unit-1 of Amravati TPP of M/s. Indiabulls Power Ltd. at that time.</p> <p>However, considering fact that 400 KV LILO line of APTCL was at advanced stage of construction for facilitating necessary evacuation of power from Unit – 1 of Amravati TPP and the construction of 400 KV D/C Quad Moose transmission line of APTCL was ongoing, therefore, MoU was not felt necessary and hence was not taken up for signing.</p>
3	Please submit the necessary correspondence received by APTCL for approval accorded by the STU for the revised connectivity i.e. termination of the 400kV Quad line at Akola-II substation instead of Akola-I substation and	<p>Following correspondence was received by M/s. Indiabulls Power Ltd. from STU regarding revised connectivity:</p> <ol style="list-style-type: none"> <li>1. CE STU's letter no. MSETCL/CO/STU/302B/3460 dt. 09.03.2010</li> </ol> <p>Copy enclosed at <b>Appendix – I</b></p>

**Case No. 67 of 2014 - APTCL Transmission Licence Amendment Petition**

S. No	Query raised by Hon'ble Commission	Clarification / Reply by Petitioner
	any other relevant correspondence.	
4	APTCL to submit the original and revised route map of the licensed transmission system, clearly highlighting the change in the scope.	Copy enclosed at <b>Appendix – II</b>
5	APTCL to submit the justification for terminating the 400 kV Quad Moose line from Amravati TPP to Akola-II instead of Akola-I. MEGPTCL was supposed to construct the Akola-II to Akola-I line instead of APTCL and hence, APTCL needs to provide reasons for changing the termination point for the proposed line.	<p>The Commission in its Order dated 30 December 2010 in Case No. 32 of 2010 for grant of Transmission License to APTCL under para no. 21 configured following scope of works for APTCL &amp; MEGPTCL after considering the objections raised by MEGPTCL during grant of Transmission License to APTCL:</p> <p>a) <i>APTCL's 400 KV Quad D/C line from Amravati to Akola will be connected to Akola-I substation of MSETCL initially and subsequently extended and connected to Akola-II substation of MEGPTCL.</i></p> <p>b) <i>The 2 Nos. 400 KV line bays constructed by APTCL at Akola-I substation will be used to terminate MEGPTCL's 400 KV D/C transmission line from Akola-II to Akola-I.</i></p> <p>c) <i>The 2 Nos. 400 KV line bays constructed by MEGPTCL at Akola-II substation will be used to terminate APTCL's 400 KV Quad D/C line from Amravati to Akola subsequently.</i></p> <p>As per above, as the 2 nos. 400 KV bays being constructed by APTCL at Akola-I substation were to be used for termination of 400 KV Quad D/C Akola-I to Akola-II transmission line of MEGPTCL, APTCL's 400 KV Quad D/C line from Amravati TPP to Akola which <i>was to be taken and connected at Akola-I s/s of MSETCL initially and subsequently extended and connected to Akola-II s/s</i> was required to be necessarily LLOed on one circuit of 400 KV D/C Quad Akola-I to Akola-II transmission line of MEGPTCL.</p> 



S. No	Query raised by Hon'ble Commission	Clarification / Reply by Petitioner
		<p>Thus as per above methodology, APTCL was required to construct 400 KV Quad D/C transmission line from Amravati TPP to Akola-I substation of MSETCL firstly by making LILO arrangement for APTCL line on one circuit of 400 KV Akola-I to Akola-II line of MEGPTCL for facilitating evacuation of power from Amravati TPP and once 765/400 KV Akola-II S/s of MEGPTCL was ready then later dismantle the line from LILO end at Akola-I and extend this line till Akola-II s/s of MEGPTCL.</p> <p>Thus in consideration of above and considering fact that 400 KV LILO line of APTCL was at advanced stage of construction for facilitating necessary evacuation of power from Unit - I of Amravati TPP, APTCL opted for termination of 400 KV D/C Quad Moose transmission line at Akola-II instead of Akola-I.</p> <p>Accordingly APTCL proposed for termination point for its 400 KV Quad D/C transmission line at Akola-II, to which, MSETCL vide their letter dtd 20 October 2011, confirmed the feasibility for termination of 400 KV Quad transmission line of APTCL at 400 KV Akola-II sub-station of MEGPTCL while undertaking technical feasibility for evacuation of power from Amravati TPP.</p> <p>Accordingly, APTCL opted for termination of its 400 KV Quad transmission line at Akola-II instead of Akola-I.</p>
6	<p>The draft Public Notice may be revised as suggested by the Commission especially regarding the issue of making the Petition and other necessary documentation available for inspection at the local office of APTCL within Maharashtra.</p>	<p>Draft Public Notice is revised as suggested is attached at <b>Appendix-IV</b></p>

*Two*

S. No	Query raised by Hon'ble Commission	Clarification / Reply by Petitioner
7	APTCL to submit the financial impact due to change in scope of work on the tariff of the Intra-State Transmission System of Maharashtra.	<p>APTCL submits that as the route length for 400 KV Quad D/C transmission line from Amravati TPP to Akola-II is same as that of 400 KV Quad D/C transmission line from Amravati TPP to Akola-I, i.e. 104 km., thus no significant financial impact would be applicable on account of change in scope of work on the tariff of the Intra-State Transmission System of Maharashtra</p> <p>However, the proposed transmission tariff of APTCL transmission system is already provided to the Hon'ble Commission in APTCL's ARR Petition no. 17 of 2014 which may be considered.</p>
8	APTCL to submit the impact of the change in its scope of work on other transmission Licensees in the State of Maharashtra.	<p>The termination of APTCL's 400 KV Quad D/C transmission line directly at Akola-II end instead of <i>taking and connecting at Akola-I s/s of MSETCL initially and subsequently extending and connecting to Akola-II s/s</i> was carried out in cognizance &amp; co-ordination with MSETCL &amp; MEGPTCL. Thus no impact of the above change on other transmission Licensees in the State of Maharashtra is envisaged.</p>
9	APTCL to clarify whether the change in its scope of work due to revised connectivity has been considered in the five year plan prepared by the STU for the State of Maharashtra and support the same with copies of relevant documents.	<p>APTCL has submitted the Network diagram of its transmission system to CE (STU), MSETCL vide email dated 06.01.2014 for necessary incorporation in the STU five year plan for FY 2013-14 to 2017-18. Copy at <b>Appendix-IV</b></p>
10	APTCL to submit their Capex proposal for in-principle approval of the Commission if there is increase in the project cost in comparison to the original cost approved by the Commission due to change in the scope of work because of	<p>APTCL submits that as the route length for 400 KV Quad D/C transmission line from Amravati TPP to Akola-II is same as that of 400 KV Quad D/C transmission line from Amravati TPP to Akola-I, i.e. 104 km., any significant increase in project cost in comparison to original cost approved by the Commission is not envisaged.</p> <p>However, the details of capital cost for APTCL transmission system are already provided to the Hon'ble Commission in APTCL's ARR Petition no. 17 of 2014 which</p>

S. No	Query raised by Hon'ble Commission	Clarification / Reply by Petitioner																				
	revised plan of the transmission system.	may be considered.																				
11	APTCL to submit the SWOT (Strength, Weakness, Opportunity, Threat) analysis for amendment of transmission Licence particularly in view of RoW and Environmental Clearances and related documents regarding approvals of various statutory authorities.	<p>SWOT analysis for amendment in transmission license is submitted for consideration:</p> <table><tr><th>Strength</th><th>Weakness</th><th>Opportunity</th><th>Threat</th></tr><tr><td>Transmission line route length</td><td>Route length for Quad D/C line remains same i.e. 104 km</td><td>No significant impact on project cost.</td><td>Not applicable</td></tr><tr><td>RoW issues</td><td>No significant RoW issues</td><td>Not applicable</td><td>Not applicable at this stage.</td></tr><tr><td>Environmental clearances</td><td>No forest zone encountered</td><td>By directly terminating 400 KV Quad D/C line to Akola-II, APTCL has avoided Bargaon reserve forest zone which otherwise might have encountered</td><td>Not applicable</td></tr><tr><td>Related to approvals of various statutory authorities.</td><td>All necessary approvals sought from Airports authority, Railways, MSETCL/ MSEDCL/</td><td>APTCL has captured the opportunity by seeking all necessary approvals from Airports authority, Railways, MSETCL/ MSEDCL/ PGCIL for power line</td><td>Not applicable at this stage.</td></tr></table>	Strength	Weakness	Opportunity	Threat	Transmission line route length	Route length for Quad D/C line remains same i.e. 104 km	No significant impact on project cost.	Not applicable	RoW issues	No significant RoW issues	Not applicable	Not applicable at this stage.	Environmental clearances	No forest zone encountered	By directly terminating 400 KV Quad D/C line to Akola-II, APTCL has avoided Bargaon reserve forest zone which otherwise might have encountered	Not applicable	Related to approvals of various statutory authorities.	All necessary approvals sought from Airports authority, Railways, MSETCL/ MSEDCL/	APTCL has captured the opportunity by seeking all necessary approvals from Airports authority, Railways, MSETCL/ MSEDCL/ PGCIL for power line	Not applicable at this stage.
Strength	Weakness	Opportunity	Threat																			
Transmission line route length	Route length for Quad D/C line remains same i.e. 104 km	No significant impact on project cost.	Not applicable																			
RoW issues	No significant RoW issues	Not applicable	Not applicable at this stage.																			
Environmental clearances	No forest zone encountered	By directly terminating 400 KV Quad D/C line to Akola-II, APTCL has avoided Bargaon reserve forest zone which otherwise might have encountered	Not applicable																			
Related to approvals of various statutory authorities.	All necessary approvals sought from Airports authority, Railways, MSETCL/ MSEDCL/	APTCL has captured the opportunity by seeking all necessary approvals from Airports authority, Railways, MSETCL/ MSEDCL/ PGCIL for power line	Not applicable at this stage.																			

**Case No. 67 of 2014 - APTCL Transmission Licence Amendment Petition**

S. No	Query raised by Hon'ble Commission	Clarification / Reply by Petitioner			
			PGCIL for power line crossing, etc		crossing, etc
12	Please confirm that the revised route of the transmission system proposed by APTCL is not in violation of any provisions of the Electricity Act, 2003 especially with the provisions under Section 18 of the Electricity Act, 2003 as amended from time to time.	APTCL confirms that revised route of the transmission system proposed by APTCL is not in violation of any provisions of the Electricity Act, 2003 especially with the provisions under Section 18 of the Electricity Act, 2003 as amended from time to time.			
13	APTCL to submit the present status of the execution of the transmission line proposed for the scope of the amendment under present Petition.	<p>Present status is as per following:</p> <ol style="list-style-type: none"> <li>1. LLO line: charged on 02.10.2012 &amp; is in operating condition</li> <li>2. 400 KV Bays at Akola-I sub-station: Completed &amp; Bus-I charged on January 29, 2014, Bus-II charging by April 2014 after grant of shut-down by MSETCL.</li> <li>3. 400 KV Quad Transmission line:  Foundations completed: 279 nos. out of total 279 nos. (100%)  Tower Erection completed: 277 nos. out of 279 nos. (99%)  Stringing Works completed: 74.11 km out of 103.30 km (72%)</li> </ol>			



## Appendix-I

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# Amravati Power Transmission Company Limited

Project Office: Plot No. 13, Shidore Plots, Near Court, Camp, Amravati-444602

Ref. No. APTCL/400KV/ LILO & ML /11-12/061

Date: 15.10.2011

To,

**The Superintending Engineer**

**EHV Construction Circle**

**MSETCL**

**Amravati.**

**Sub:** Construction of 400KV Transmission Line from Amravati TPP Nandgaonpeth to Yelwan S/s Akola and LILO of 400KV S/C Koradi-Akola associated with Amravati TPP.

**Line Length detail for 400KV S/C LILO and 400KV D/C Quad line-regarding.**

**Dear Sir,**

This has reference to above cited subject; we are hereby furnishing the length of said line as under:

- 1. 400KV LILO Line (from 400KV S/C Koradi-Akola line)-6.806Kms**
- 2. 400KV D/C Quad line from Amravati TPP to Akola (II) - 104Kms.**

This is for your kind information and record pls.

*o/c*

**Thanking you,**

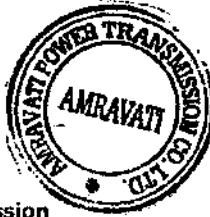
**Yours Faithfully**

**For, Amravati Power Transmission company Limited**

*Ajit Ingole*  
15/10/2011

**Ajit Ingole**

**DGM-Transmission**



**Amravati Power Transmission Company limited**

Reg. Office: 1 A, Hamilton, First Floor, Connaught Place, New Delhi – 11000

(ANNEXURE - II)

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**

PHONE (O) 022-2859 5000 / 8595  
(P) 022-2659 2227  
FAX : 022- 2859 2297  
E-Mail: cesfu@mahatransco.in



Office of the  
CE (STU)  
'Prakashganga', MSETCL  
Plot No. C-19, E-Block,  
Bandra Kurla Complex, Bandra (E),  
Mumbai - 400051

MSETCL/CO/STU/302B/ 3460

Date: 09-03-10

To,  
M/s Indiabulls Power Ltd,  
"Indiabulls House", 448-451,  
Udyog Vihar, Phase-V,  
Gurgaon-122001.  
Fax: 0124 3081948.

Sub: - Grid Connectivity to your proposed 5 X 270 MW (Phase-I) coal based power plant  
at village Nandgaonpeth, Dist. Amravati.

- Ref: - 1) Your office letter No.IBPSL / Thermal / Amravati; dated 5<sup>th</sup> March 2008.  
2) This office letter No.MSETCL/CO/STU/302B/3528; dated 18<sup>th</sup> March 2008.  
3) Your office letter No.IBPSL / Thermal / Amravati; dated Nil.  
4) This office letter No. MSETCL/CO/STU/302B/5024; dated 19<sup>th</sup> April 2008.  
5) Your Office letter No.IBPSL/Thermal/Amravati/0809; dated 29<sup>th</sup> April 2008.  
6) This office letter No. MSETCL/CO/STU/302B/6871 dated 28-05-2008.  
7) Minutes of the meeting issued vide letter No. Co/CE/Tr.Pr./TKC-  
I/Indiabulls/06/14628 dated 28-10-2009.  
8) Your office letter No.IPL/Amravati/LTOA/MSETCL, dated 7<sup>th</sup> January 2010.  
9) This office letter No.MSETCL/CO/STU/302B/1406 dated 29-01-2010.  
10) Your office letter No.IPL/Thermal/Amravati/797 dated 4<sup>th</sup> February 2010.

Dear Sir,

Vide this office letter dated 28<sup>th</sup> April 2008 grid connectivity to your proposed 2640 MW Power plant at Nandgaonpeth was granted. Now vide your office letter dated 7<sup>th</sup> January 2010 you have applied for allotment of transmission capacity rights in Intra-State Transmission System through Open Access for your proposed 5 X 270 MW Power Plant (Phase-I) at Nandgaonpeth Industrial Area, Dist. Amravati.

Since you have not confirmed the drawl point in your open access application your application for allotment of transmission capacity through OA can not be considered at this stage.

However your application for grid connectivity to the Intra-State Transmission System have been considered by this office.

In this connection the connectivity is granted for your proposed 5 X 270 MW (Phase-I) Power Plant at Nandgaon Pet Industrial Area, Dist. Amravati. from MSETCL 400 kV Akola S/S subject to following conditions.



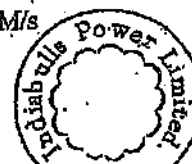
This connectivity shall be governed by the

- 1) Part B, Part C, Part D and Part F of State Grid Code Regulations 2006
- 2) Indian Electricity Grid Code December 2005 and
- 3) Indian Electricity Act, 2003.

You are hereby requested to execute an agreement between appropriate concerned utilities before availing the connections.

Further you are requested to submit the following documents to this office.

- 1) Application for Connection by generating company to intra- state transmission System (as per Annexure 2-B of connection application procedure on Mahatransco website)
- 2) Site Responsibility Schedule – (as per Clause 14 State grid code),
- 3) Completion Report, to this office – (completion Procedure as per Mahatransco web site)
- 4) Connection agreement to be executed between Indiabulls Power Ltd. and MSETCL – (as per clause 14 of Grid code).
- 5) Copies of PPA / MOU entered between the buyer / seller / trader- (as per Open Access procedure)
- 6) Bulk Power Transmission Agreement (BPTA) between Indiabulls Power Ltd. and MSETCL within 60 days from allotment of transmission capacity rights - (as per Open Access procedure on the Mahatransco web site)
- 7) You will have to do following works:
  - I) Construct three circuits of 400 kV line with quad moose conductor from your proposed plant at Nandgaon Pet, Amravati upto the point of injection at our 400 kV Akola S/S
  - OR
  - IIa) Construct 400 kV D/C line with quad moose conductor from your proposed plant at Nandgaon Pet, Amravati.
  - b) You will have to make LILO of 400 kV Akola –Koradi line at your proposed plant at Nandgaon Pet, Amravati. (as per Section 10 of E A 2003).
- 8) Appropriate agreements with MSEDCL in the event of drawl of power by M/s Indiabulls Power Ltd. from MSEDCL through MSETCL network.





Your application for allotment of Intra State Transmission System (InSTS) through Long Term Open Access shall be considered only after defining of point of drawl alongwith final PPA as per provision under MERC Transmission Open Access Regulations 2005.

The required system strengthening for allotment of such transmission capacity shall be ascertained separately only after receipt of details of drawl point.

9) In order to support your application for allotment of transmission capacity you are requested to submit following documents to this office.

- a) Statement indicating Financial Closures.
- b) Information regarding Coal Linkages for your proposed power plant.
- c) No Objection Certificate from the various authorities.

10) You are requested to submit your acceptance to this office within one (1) month from the issue of this intimation letter.

You are requested to do the needful accordingly.

Thanking You,

Yours faithfully,

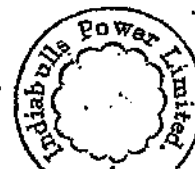
*BM*  
Chief Engineer (STU)

Copy s.w. r. s to:

- (1) The Director (Operations) MSETCL Bandra Kurla Complex Mumbai-51
- (2) The Executive Director (STU), MSETCL, Bandra Kurla Complex Mumbai-51

Copy f.w. es to:

- 1 Chief Engineer (Trans-O&M), MSETCL, Prakashganga, Bandra Kurla Complex Mumbai-51
2. Chief Engineer (Dist.), MSEDCL, Prakashgad,, Bandra Mumba-51
3. Chief Engineer (PP), MSEDCL, Prakashgad, Bandra Mumba-51
4. Chief Engineer (COM), MSEDCL, Prakashgad Prakashgad, Bandra Mumba-51
5. Chief Engineer (LD), MSETCL, Kalwa.
6. Chief Engineer EHV Const.Cum O&M Zone, Akola.
7. Chief Engineer (Trans. Project), MSETCL, Prakashganga



MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED.



PHONE : (0) 022-2659 8588/95/5000  
Ext.5124  
: (P) 022-2659 2227  
FAX : 022-2659 2297  
E-mail : [cestu@mahatransco.in](mailto:cestu@mahatransco.in)  
Web : <http://www.mahatransco.in>

Office of the  
The Chief Engineer (STU),  
"Prakashganga", 8<sup>th</sup> Floor,  
Plot No. C-19, E-Block,  
Bangra Kurla Complex,  
Bangra (East), MUMBAI 400 051.

No/MSETCL/CE (STU)/302B | 15188

Date: 30/9/10

To,

M/S India Bulls Power Ltd,

"India bulls House", 448-451,

Udyog Vihar, Phase-V, Gurgaon-12200.

Fax: 0124 3081948

Sub:-Grid connectivity to your proposed 5x270 MW (Phase-I) coal based plant at village  
Nandagaonpeth, Dist. Amravati

Ref:-1) This office letter No.3460 Dated 9.03.10

2) Your Technical Validation Presentation before MERC on dated 21.09.10

Dear Sir,

Vide this office letter cited under ref-no-1, the connectivity for your proposed 5x270 MW  
(Phase-I) coal based power plant at village Nandagaonpeth, Dist.Amravati was granted-

- 1) On 400 KV D/C Line with Quad moose conductor from your plant to our 400 KV  
Akola-I (existing) S/S and
- 2) By Making LILO on existing MSETCL's 400 KV Koradi-Akola S/C line at your  
plant.

With the proposed 765/400 KV Akola-II S/S planned by MSETCL in (2012-13), it  
is felt necessary to have interconnection between your plant at Nandagaonpeth  
and MSETCL 765/400 KV Akola-II S/S and existing 400 KV Akola-I S/S. This  
issue was discussed with your representative in past also. The matter was  
already deliberated by STU before the Hon Chairman, MERC during your  
Technical Validation Presentation on dated 21.09.2010.It was agreed by you to  
make the LILO of 400 KV Nandagaonpeth- Akola-I D/C Quad at 765/400 KV  
Akola-II S/S.

It is, therefore, requested to carry out the survey for the said lines so as to ensure interconnection between your plant, MSETCL's 765/400 KV Akola-II S/S and existing 400 KV Akola-I S/S through D/C Quad Moose line and construct the following 400 KV D/C Quad moose corridor for effective evacuation of your power.

**"400 KV Nandagaonpeth (India Bulls) -765/400 KV Akola-II -400 KV Akola-I"**

Since, there is a mismatch between commissioning schedule of our 765 KV Akola-II S/S(2012-13) and actual evacuation of power from your plant, after commissioning of 765/400 KV Akola-II S/S, the line can be made LILO at this 765/400 KV Akola-II S/S.

Please note that this arrangement will be in addition to LILO arrangement of 400 KV Koradi-Akola S/C line at your plant.

Thanking You

Yours Sincerely

Chief Engineer (STU)

**Copy swr to:-**

- 1) The Director (Operations/Project) MSETCL, Prakashganga.
- 2) The Executive Director (STU/Operation/Project), MSETCL, Prakashganga.

**Copy fwc to:-**

- 1) Chief Engineer (LD), MSETCL, Kalwa.
- 2) Chief Engineer EHV Const.Cum O&M Zone, Amravati.
- 3) Chief Engineer (Trans.Project), MSETCL, Prakashganga.
- 4) Chief Engineer (Trans O&M), MSETCL, Prakashganga.
- 5) Chief Engineer (Dist.), MSEDCL, Prakashgad.
- 6) Chief Engineer (PP), MSEDCL, Prakashgad.
- 7) Chief Engineer (COM), MSEDCL, Prakashgad.

## Appendix-II

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## Appendix-III

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**AMRAVATI POWER TRANSMISSION COMPANY LIMITED**

Regd. Office: E-29, First Floor, Connaught Place, New Delhi – 110 001

**Public Notice for application for grant of amendment of Transmission Licence**

1. Amravati Power Transmission Company Ltd, has made an application before Maharashtra Electricity Regulatory Commission for the amendment of "Transmission Licence for Amravati Power Transmission Company Limited (Licence no. 3 of 2010)" granted under Section 14 of the Electricity Act, 2003 and Maharashtra Electricity Regulatory Commission (Transmission Licence Conditions) Regulations, 2004. The particulars in respect of the application are as following:

Name of Transmission Licensee: Amravati Power Transmission Company Limited

Address of the main office in the area of Transmission:

Amravati Power Transmission Company Limited

Flat No. T1 & T2, Kalpana Palace, Athavale Plot, Ramdaspath,

District: Akola -444001

2. Description of alteration or amendment for which application has been made to the Hon'ble Commission:

Existing Area of Transmission	Amended Area of Transmission proposed
(a) 400 KV D/C Quad Moose Amravati TPP-Akola S/S Transmission Line (104 km) (Line to be taken and connected to Akola-I substation of MSETCL initially and subsequently extended and connected to Akola-II substation of MEGPTCL) (b) LILO of 400 KV S/C Akola to Koradi Transmission line at Amravati TPP (7km) (c) 2 Nos. 400 KV line bays at MSETCL Akola-I Sub-station	(a) 400 KV D/C Quad Moose Amravati TPP-Akola-II S/S Transmission Line (104 km) (b) LILO of 400 KV S/C Akola to Koradi Transmission line at Amravati TPP (7km) (c) 2 Nos. 400 KV line bays at MSETCL Akola-I Sub-station

3. Rationale for proposed alteration or amendment:

- a) The construction of 400 KV D/C Quad line by APTCL from Amravati TPP to Akola Substation –I and further extension to Akola Substation – II was on the basis of the transmission scheme planned by the State Transmission Utility (STU) MSETCL. However, subsequently the situation has changed and based on the revised plan approved by the STU, the APTCL will be connecting the transmission line from Amravati TPP directly to Akola –II Substation of Maharashtra Electricity Grid Power Transmission Company Ltd. (MEGPTCL).
- b) The construction of 400 KV D/C Quad line interconnecting between Akola –I Substation of MSETCL and Akola - II Substation of MEGPTCL being in the scope of MEGPTCL's transmission Licence (Licence no. 1 of 2010), APTCL has opted to take its 400 KV D/C Quad line directly to Akola-II substation of MEGPTCL, in place of taking and connecting to Akola-I substation of MSETCL initially and subsequently extending and connecting to Akola-II substation of MEGPTCL.

4. The route of diverted portion of 400 KV Quad transmission line from Amravati TPP to Akola-II sub-station is passing through Bhatori, Koulkher, Palso Bz., Dahigaon, Mirzapur, Borgaon Manju, Sonala & Yelwan villages in Akola district in Maharashtra.

5. Complete application and other documents, filed before the Commission are available on the web site [www.indiabulls.com/power](http://www.indiabulls.com/power) for access by any person. The application filed by the applicant company may also be inspected during the working hours between 10 a.m. to 5 p.m. on any working day at the corporate office of the company at Indiabulls House, 448-451, Udyog Vihar, Phase – V, Gurgaon – 122 001, Haryana and at the applicant's office at Flat No. T1 & T2, Kalpana Palace, Athavale Plot, Ramdaspath, District: Akola -444001, Maharashtra.

**Details of the contact persons:-** Name: Mr. Ravindra Rajput, Tel: +91 124-3081930 / 3082574, Fax: +91 124 3081948, Email: [ravindra.rajput@indiabulls.com](mailto:ravindra.rajput@indiabulls.com)

Application and other documents can also be purchased from the above person for a fee of Rs 10/- (Rs Ten only) for the application and Rs 100/- (Rs One Hundred only) for the application with other supporting documents. Application and other supporting documents can also be purchased by post by sending a request to Mr. Ravindra Rajput at above company address along with Demand Draft in favour of "Amravati Power Transmission Company Limited" for an amount of Rs 30/- (Rs Thirty only) for application and Rs 130/- (Rs One Hundred and Thirty only) for the application with supporting documents.

Inspection and sale of application and other documents would remain open upto thirty (30) days from date of publication of this Notice.

6. **Notice:** In the event of any objection or suggestion, the same, may be filed by way of a written intimation (six copies) addressed to the Principal Secretary, MERC, World Trade Centre, Center No.1, 13th Floor, Cuffe Parade, Mumbai-400005, with a copy to the applicant, so as to be received before the expiration of thirty days from the date of the publication of this Notice.

## Appendix-IV

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## Reena Kori

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**From:** Reena Kori [reena.kori@indiabulls.com]  
**Sent:** Monday, January 06, 2014 11:04 AM  
**To:** 'Sanjay Kulkarni'  
**Subject:** RE: Coloured Copy of Your 'TRANSMISSION NETWORK DIAGRAM'/SLD and existing network details as on 31-03-2013  
**Attachments:** Network of APTCL Transmission system.docx; Network of SPTCL Transmission system.docx

Dear Sir,

As required the network diagram is attached for information.

May please inform in case any modifications if required.

-

Reena Kori  
DGM - Transmission,  
Indiabulls Power Ltd.,  
"Indiabulls House" 448-451, Udyog Vihar, Phase-V, Gurgaon - 122001  
Tel: +91-124-6682981 (D), +91-9711806698 (M)

-----Original Message-----

**From:** Sanjay Kulkarni [mailto:CESTU@mahatransco.in]  
**Sent:** Saturday, January 04, 2014 12:08 PM  
**To:** reena.kori@indiabulls.com  
**Subject:** FW: Coloured Copy of Your 'TRANSMISSION NETWORK DIAGRAM'/SLD and existing network details as on 31-03-2013

Regards,  
Sanjay Kulkarni  
Chief Engineer (STU)  
Corporate Office, Mumbai

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**From:** Sanjay Kulkarni  
**Sent:** Saturday, December 21, 2013 3:36 PM  
**To:** reena.kori@indiabulls.com; rkmadan@adanigroup.com; navraj.singh@isw.in; vrshrikhande@tatapower.com; dbrane@tatapower.com; ravindra.raiput@indiabulls.com; jigar.thakkar@adani.com  
**Cc:** Nagnath Sonkawade  
**Subject:** Coloured Copy of Your 'TRANSMISSION NETWORK DIAGRAM'/SLD and existing network details as on 31-03-2013

Sir,

You are requested to submit both soft and hard copies of Coloured Single Line Diagram (A4 size printable )  
of your transmission licensees along with details of  
existing / commissioned EHV Network as on 31-03-2013.  
The lengths (in KMS) of transmission lines (whether existing or proposed ) should be  
furnished in the SLD.  
and also the information of transformers capacity and transformer voltage wise.

The same needs to be incorporated in STU plan 2013-14 to 2017-18 and submitted to MERC.

Regards,



Sanjay Kulkarni  
Chief Engineer (STU)  
Corporate Office, Mumbai

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From: Sanjay Kulkarni  
Sent: Saturday, December 07, 2013 4:36 PM  
To: Sanjay Kulkarni; [reenakori@indiabulls.com](mailto:reenakori@indiabulls.com); [rkmadan@adanigroup.com](mailto:rkmadan@adanigroup.com);  
[inagarwal@indiabulls.com](mailto:inagarwal@indiabulls.com); [navraj.singh@jsw.in](mailto:navraj.singh@jsw.in); [shekhar.huprikan@relianceada.com](mailto:shekhar.huprikan@relianceada.com);  
[pravin.phokmare@relianceada.com](mailto:pravin.phokmare@relianceada.com); [vrshrikhande@tatapower.com](mailto:vrshrikhande@tatapower.com); [dbrane@tatapower.com](mailto:dbrane@tatapower.com)  
Cc: Nagnath Sonkawade  
Subject: Coloured Copy of Your 'TRANSMISSION NETWORK DIAGRAM'

Sir,  
Please send A-4 size coloured copy of your 'TRANSMISSION NETWORK DIAGRAM' including the Existing and proposed network.  
The same will be incorporate in STU plan 2013-14 to 2017-18 to be submitted to MERC.  
Kindly send this Information before 12-12-2013

Regards,  
K.Sethumadhavarao  
Executive Engineer  
office of the Chief Engineer (STU)  
Corporate Office, Mumbai