

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**

**VIDYUT SOUDHA: VIJAYAWADA**

Sub: Commercial –Format for Grid Connectivity Amendment-Orders issued.

T.O.O(CE-Power Systems, Planning&Designs)M.S.No.2029 Dt.03.12.2020

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Ref: T.O.O (CE – Planning, Power Systems& Commercial) M.S.No .1727  
Dt.03.07.2020

**ORDER**

1. In supersession of orders in the reference cited, after careful consideration of the matter, APTRANSCO have accorded approval for the following process flow for Grid connectivity (amended forms appended to these orders)

<b>Action</b>	<b>Action by</b>	<b>Form</b>
Submit application for Grid Connectivity	Generator/Developer	Form C1 Application for Connectivity
Check Application	Chief Engineer/Planning, Power Systems & Commercial	Form C2 Level 1 Application Check List
Check for Receipt of Supervision charges	Chief Engineer/Planning, Power Systems & Commercial	Form C3 Level 2 Check List
Issue Permit for Grid Connectivity	Chief Engineer/Planning, Power Systems & Commercial	Form C4 Connectivity Permit

2. These orders are available on APTRANSCO website and can be accessed at the address <http://www.aptransco.co.in>.

(BY ORDER AND IN THE NAME OF CHAIRMAN AND MANAGING  
DIRECTOR/APTRANSCO)

SRIKANT NAGULAPALLI, CMD(SN),  
CHAIRMAN AND MANAGING DIRECTOR-ENE51  
Dr. SRIKANTH NAGULAPALLI  
CHAIRMAN and MANAGING DIRECTOR/APTRANSCO

**P.T.O**

**To**

All Functional heads /APTransco/ VidyutSoudha/  
Vijayawada.

The Chief Engineers/Zones/Kadapa/Vijayawada/  
Visakhapatnam.

The Chief General Manager/ EC, EA & Solar Energy/APEPDCL/ Visakhapatnam.

The Chief General Manager/ PPA, RA/APEPDCL/ Visakhapatnam.

The Chief General Manager/IPC/APSPDCL/ Tirupathi.

The Chief General Manager/IPC/ APCPDCL/Vijayawada.

All SEs in Kadapa, Vijayawada, Visakhapatnam Zones.

**Copy to:**

PS to Chairman & Managing Director/APTransco/VS/Vijayawda.

PS to Chairman & Managing Director/APSPDCL/Tirupathi.

PS to Chairman & Managing Director/APEPDCL/Visakhapatnam.

PS to Chairman & Managing Director/APCPDCL/Vijayawada.

PS to Joint Managing Director(Vigilance& Security)/APTransco/V.S/Vijayawda.

PS to Joint Managing Director(Comml, IPC, HRD & IT)/APTransco/V.S/Vijayawda.

PS to Director/Finance/APTransco/V.S/Vijayawda.

PS to Director(Grid Management&Transmission Management)/APTransco/V.S/Vijayawda.

Signed by SRIKANT

NAGULAPALLI

Date: 03-12-2020 09:54:21

Reason: Approved



## 4. PROJECT PERMITS

- NREDCAP approval given                       Enclosed Copy                      Capacity sanction:  MW  
 NREDCAP Agreement entered                       NREDCAP Agreement number: \_\_\_\_\_                       Enclosed Agreement Copy  
 GoAP Approval given                       Enclosed GoAP approval copy  
 PPA willingness of Discom within notified resource plan given                       Enclosed CMD, Discom PPA willingness letter  
 Enclosed CMD Discom certificate that capacity is within deficit approved in resource plan  
 SECI/NTPC approval given                       Enclosed Approval Copy

## 5. CONNECTIVITY FEE DETAILS

RTGS Ref/DD.No: \_\_\_\_\_ Bank Name : \_\_\_\_\_ Amount : Rs. \_\_\_\_\_ Lakhs

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Date:

### Note:

Quantum of Power to be injected	Non-refundable Application Fees (Rs. Lakhs)
Upto 100 MW	2 + GST
More Than 100 MW and upto 500 MW	3 + GST
More Than 500 MW and upto 1000 MW	6 + GST
More than 1000 MW	9 + GST

## 6. CONNECTIVITY SS DETAILS

SL No	APTRANSCO SS		Voltage level (KV)	Distance (KM) from generating site
	Code	Name		
Option 1			<input type="checkbox"/> 400 <input type="checkbox"/> 220 <input type="checkbox"/> 132 <input type="checkbox"/> 33	
Option 2			<input type="checkbox"/> 400 <input type="checkbox"/> 220 <input type="checkbox"/> 132 <input type="checkbox"/> 33	
Option 3			<input type="checkbox"/> 400 <input type="checkbox"/> 220 <input type="checkbox"/> 132 <input type="checkbox"/> 33	

Connectivity period: From \_\_\_\_\_ to \_\_\_\_\_

## 7. DECLARATION:

I, Mr./Ms \_\_\_\_\_ Designation : \_\_\_\_\_ do hereby undertake on behalf of M/s. \_\_\_\_\_ and declare that I agree the following

- To pay transmission & wheeling charges for sale to APDISCOMS or 3rd party or Captive sale.
- To provide letter of credit for payment of transmission and wheeling charges.
- To pay Scheme cost/supervision charges to APTRANSCO.
- To bear the construction cost for (i) Pooling Station (ii) Lines from Pooling Station to Grid SS.
- To buy/bear the cost of land required for bays at APTRANSCO SS and hand over the assets which includes metering bay and equipment at power plant premises, line from metering point(outgoing feeder of power project) to Grid SS and bay equipment at Grid SS to APTRANSCO as per clause 3-ix (a&b) of T.O.O(CE-Construction-2)Ms.No:20dt:23.11.2012 and Clause-14 of APERC regulation 3 of 2017.
- To pay Deviation Settlement charges fixed by APERC.
- To provide Interfacing Meters as per relevant regulations.
- To abide by all SLDC instructions including (i)To provide SCADA (ii)To provide LVRT (iii)To provide QCA (iv)To back down generation as directed.
- To comply with CEA (Technical Standards for connectivity to the grid) Regulation 2007, APERC regulation, APSLDC and APTRANSCO instructions from time to time.
- To install the WTGs/Solar panels as per the Gol specifications.
- To submit the BG for Rs.5 Lakh/MW for first 12 months and thereafter Rs.10Lakh/MW till commissioning.
- To submit BG within 30days from receipt of the connectivity permit, failing which connectivity permit will be cancelled without intimation.

I here by certify that all information furnished is true to the best of my knowledge.

Signature of the applicant: \_\_\_\_\_

D D / M M / Y E A R

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Date:

**Form C2**  
**LEVEL - 1**  
**APPLICATION CHECK LIST**

Sl.No.

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**1. DEVELOPER INFORMATION**

- Notarized affidavit for submitting the application given
- Company is registered with ROC
- GST number is correct

**2. PROJECT DETAILS**

- Financial Closure done

**3. LAND DETAILS**

- Lease order in case of Govt land exists
- Sale/lease deed in case of Pvt land exists
- Forest Permission Letter exists

**4. PROJECT PERMITS**

**PPA**

- NREDCAP Approval exists
- GoAP/NREDCAP Agreement exists
- GoAP Approval given
- SECI/NTPC Approval given
- CMD, DISCOM PPA willingness letter enclosed
- CMD, DISCOM approved resource plan compliance letter enclosed

**Captive/3<sup>rd</sup> Party sale**

- NREDCAP Approval exists
- NREDCAP Agreement exists

**5. APPLICATION FEE DETAILS**

- The application is technically feasible with the following connectivity :

Name of the Power Plant : \_\_\_\_\_ Type : \_\_\_\_\_ Capacity: \_\_\_\_\_

Connected Sub - Station : \_\_\_\_\_ Voltage level : \_\_\_\_\_ No of circuits: \_\_\_\_\_

- Application fee of Rs. \_\_\_\_\_ Paid.

RTGS Ref/DD.No.: \_\_\_\_\_ Bank Name : \_\_\_\_\_ Amount : Rs. \_\_\_\_\_ Lakhs

Date 

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Signature of Scrutinizing Authority

D D / M M / Y E A R  
Date: 

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# Form C4 CONNECTIVITY PERMIT

Permit No: 

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## APPROVAL DETAILS

Name: \_\_\_\_\_

Application

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No:

Project Location: \_\_\_\_\_

Plot.No

Village

Mandal

District

State

Pincode

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Name of the SS: \_\_\_\_\_ Capacity: \_\_\_\_\_ MW Voltage: \_\_\_\_\_ KV No of Circuits: \_\_\_\_\_

Period From \_\_\_\_\_ To \_\_\_\_\_

Charges as on \_\_\_\_\_ : Rs. \_\_\_\_\_ Per  KWh  KW/Month

## PERMIT CONDITIONS

Connection permit is issued subject to following conditions:

- 1) Developer shall pay transmission & wheeling charges fixed by APERC from time to time.
- 2) Developer shall issue letter of credit for payment of transmission/wheeling charges or both as the case may be equivalent to two months charges for the period of connectivity within 30 days of issue of this permit failing which his connection permit shall stand cancelled.
- 3) The permit for sale of power to DISCOM shall stand terminated upon termination of PPA with DISCOM.
- 4) Developer shall pay scheme cost/supervision charges to APTRANSCO.
- 5) Developer shall bear the construction cost for the following (i) Pooling Station (ii) Lines from Pooling Station to Grid substation.
- 6) Developer shall buy/bear the cost of land required for bays at APTRANSCO SS and hand over the assets which includes metering bay and equipment at power plant premises, line from metering point(outgoing feeder of power project) to Grid SS and bay equipment at Grid SS to APTRANSCO as per clause 3-ix(a&b) of T.O.(CE-Construction-2)Ms.No:20 dt:23.11.2012 and Clause-14 of APERC regulation 3 of 2017.
- 7) Developer shall pay Deviation Settlement charges fixed by APERC.
- 8) Developer shall provide Interfacing Meters as per relevant regulations.
- 9) Developer shall abide by all SLDC instruction including (i) To provide SCADA (ii) To provide LVRT (iii) To provide QCA (iv) To curtail generation whenever directed.
- 10) Developer shall comply with CEA (Technical Standards for connectivity to the grid) Regulation 2007, APERC regulation, APSLDC and APTRANSCO instructions from time to time.
- 11) Developer shall install the WTGs/Solar panels as per the GoI specifications.
- 12) Developer shall submit unconditional BG within 30days from the date of receipt of this connectivity permit for Rs. 5 Lakh/MW for first 12 months and thereafter Rs. 10 Lakh/MW till date of commissioning failing which this permit shall stand cancelled.

Signature of the Issuing Authority

D D / M M / Y E A R

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Date: