

No. TPNODL/SRTPV./_____

Date: _____

To

(Applicant's Name) _____

(Address) _____

Sub: Sanction letter for Installation of Solar Rooftop System and Permission for Net Metering/ Bi-directional Metering of _____ KWp (Inverter Capacity= _____) Solar Rooftop PV Power Plant at premises of _____ bearing Consumer No. _____

Ref: Your Application No. _____ dated _____

Sir,

With reference to the above-mentioned Application No., after the technical feasibility (Form 2), approval is provided for installing SRTPV system of _____ kW in your premises.

(I) As per Clause 8 of OERC Net Metering **Order No. OERC-Engg. 02/ 2010/ (Vol-IV)/ 1131 dated 19/08/2016 as amended up to 17/01/2018**, the permission is accorded herewith for net metering of _____ subject to fulfilment of following terms and conditions;

- a) Consumer shall install modem along with all the solar meters prior to the grid synchronization/ charging for remote recording of monthly generation data through GSM or GPRS by TPNODL
- b) The aforesaid Rooftop Solar PV Power System shall be installed as per drawings and diagrams submitted to concerned Circle, Division, MRT and E &MR office and the aforesaid Rooftop Solar PV projects shall comply with the relevant standards and guidelines specified by the MNRE/BIS/CEA and the OERC Net metering order No. 1131 dated 19/08/2016 (its amendment order from time to time) prior to its grid connection/ synchronization.
- c) The design and installation of the aforesaid Rooftop Solar PV Power system should be equipped with appropriately rated protective devices to sense any abnormality in the system and carry out automatic isolation of the aforesaid Solar Ground Mounted PV system from the network of the TPNODL.
- d) The inverters used should meet the necessary quality requirements as specified and checked/ allowed by concerned Divisional Engineer before synchronization/ commission. The protection logics should be tested before commissioning of the aforesaid Plant.
- e) The installation of _____ KWp Rooftop Solar PV Power System shall meet all safety standards and Consumer shall obtain Safety Certificate for the installations from the appropriate authorities and submit the same to the concern Divisional Engineer, prior to the grid connectivity/synchronization. The applicant shall comply with the Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations, 2010 and its amendments from time to time for the purposes of safety.
- f) The consumer shall comply with CEA/IEGC/OGC/OERC/ TPNODL's requirements with respect to safe, secure and reliable function of the aforesaid Solar Rooftop PV project prior to the commissioning/synchronization.
- g) The consumer shall comply with relevant CEA/OERC Net Metering regulations in respect of Operation and maintenance of the aforesaid Plant, drawing and diagrams, harmonics, voltage, frequency, flicker etc. prior to synchronization.
- h) Consumer shall Sign an agreement with TPNODL in the Standard Agreement Form (as per Form-2 of OERC Net Metering Order) prior to grid connectivity and net metering. Consumer

TP NORTHERN ODISHA DISTRIBUTION LIMITED

(A Tata Power & Odisha Government Joint Venture) Corporate &

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shall submit work completion report signed by both consumer and System Developer prior to the grid connectivity/synchronization.

- i) The consumer has to conduct inspection of the installation of aforesaid plant from the Electrical inspector and submit the approval of Electrical inspector on the above to the concerned Divisional Engineer of TPNODL prior to grid connection/synchronization/charging

You are requested to ensure the fulfilment of the above terms and conditions [mentioned at point (I) (a) to (k)], by the consumer in coordination with EE (Elect.) E& MR Division _____ and EE (Elect.) MRT Division _____ prior to the grid connectivity/ synchronization.

- (II) Further, you are requested to thoroughly check the entire _____ KWp Rooftop Solar PV power Plant in coordination with concerned MRT and E&MR officers and ensure submission of following documents by the consumer, also, verify the said documents in compliance with IEC/BIS/IS standards and MNRE / BIS / CEA / the OERC regulations and TPNODL's requirement prior to the grid connectivity/synchronization.

- (i) Work Completion report (indicating details of equipment, protection etc.) signed by both consumer and solar developer
- (ii) Inspection done by concerned officers of TPNODL as per SOP
- (iii) Solar Rooftop PV power plant Capacity(i.e PV Module capacity and Inverter Capacity)
- (iv) Form-1 (OERC Net Metering order)
- (v) Consumer self-certified Single line schematic diagram in respect of system facility which should be certified by designated officer of TPNODL as per SOP
- (vi) Consumer self-certified Ratings, test reports (Islanding protection etc)and specifications of all project equipments (viz. Inverter, PV Module and Cable & Connector etc.) certified by designated officer of TPNODL as per SOP
- (vii) one copy of drawing and diagrams showing important equipment, protection (specifically islanding Protection) and control features certified by certified by designated officer of TPNODL as per SOP and shall be in possession of consumer and concerned Executive Engineer.
- (viii) Approval from Electrical Inspector for the said Solar Rooftop PV Power Plant.
- (ix) Earthing, lightning protection and other safety compliance by the consumer as per applicable standards and regulations
- (x) Agreement executed between TPNODL and Consumer in the Standard Agreement Form (as per Annexure-III of OERC Net Metering Order) prior to grid connectivity and net metering.

Besides, you are also requested to ensure that **the overall conditions of service and supply have been strictly complied by the consumer with respect to the OERC Distribution (Conditions of Supply) Code, 2004 and its amendments from time to time prior to the grid connectivity/synchronization.** It is also to inform you that if any changes are made in the aforesaid Solar Ground Mounted PV Power Plant or in its connectivity by consumer then the drawing and diagrams shall be amended accordingly after due approval from competent authority of TPNODL.

This Permission shall be valid for 90 days from the date of issue of this letter.

Yours faithfully,

Designated Officer, TPNODL