GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Energy Department - Policy on net metering for solar grid interactive roof-top and small SPV power plants in the State - Orders – Issued.

ENERGY (RES-A1) DEPARTMENT

G.O.Ms.No.22 Dated: 25 -03-2013

Read the following:-

1. G.O.Ms.No. 39, Energy (RES-A1) Dept, dt. 26.09.2012.
2. G.O.Ms.No. 44, Energy (RES-A1) Dept.dt. 16.11.2012.
3. G.O.Ms.No. 46, Energy (RES-A1) Dept. dt.27.11.2012.
4. From the Chairman, APPCC & CMD, AP TRANSCO, Lr. No. CE/IPC/NCE-II/F. Solar/ Net Metering/ D.No. 70/13, dt. 19-02-2013.

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ORDER:

State Government has announced its policy for encouraging solar power production in the State vide G.O. 1st to 3rd read above. Keeping in view the good potential for harnessing solar power, it is felt that net metering facility may be provided to the consumers to generate solar power for self-consumption and feeding excess power into the grid when it is not being consumed by them.

2. APTRANSCO has already installed 100 kW solar plant at Vidyut Soudha, Hyderabad on a pilot basis and is following the net metering facility. CMD, APTRANSCO has proposed that net metering facility can be implemented for the consumers who intend to encourage solar green energy and set up solar PV plants at unutilized places on roof-tops, waste lands, buildings of individual households, industries, offices, institutions, residential complexes etc., considering that there exists subsidy from the Government of India through NREDCAP up to 30% of the cost of the panel up to a capacity of 500 KW without battery support.

3. Government after careful examination permits implementation of Net Metering Facility for the consumers who intend to encourage the solar green energy and set-up solar PV plants. Implementation of this facility will be as per the following guidelines:

I. Under this facility, consumer will generate solar power for self consumption and feed excess power into the grid.

II. Net metering is the concept which records net energy between export of generated energy and import of DISCOM energy for a billing month. Alternatively, the meter, having the feature of recording both the import and export values, besides other parameters notified by CEA metering regulations and APTRANSCO /DISCOM procedures in vogue, shall also be allowed for arriving net energy for the billing period.

PTO

III. The net metering facility shall be allowed only for 3 Phase service consumers. Single Phase consumers are not eligible for net metering to avoid imbalance in the phases.

IV. The SPV generator shall pay for the net energy in a billing month as per applicable retail supply tariff decided by regulatory commission to the concerned DISCOM, if the supplied energy by the licensee is more than the injected energy by the solar PV sources of the consumer(s). Any excess/ surplus energy injected in to the grid in a billing month will be treated as inadvertent and no payment will be paid for such energy.

V. The SPV generator is required to provide an appropriate protection system on their incoming side/ consumer premises with the feature of "Islanding the SPV generator" when grid fails.

VI. The SPV generator shall bear the entire cost of metering arrangement provided including its accessories. The installation of meters including CTs & PTs, wherever applicable, shall be carried out as per the departmental procedures in vogue with prior permission of DISCOMs.

VII. Such SPV generator will submit the required information in the prescribed format to the DISCOM & DISCOM will give acknowledgement for the same for the net metering as per the applicable billing period.

VIII. The Solar PV panels proposed to be installed shall meet the requirements of Indian as well as IEC standards.

IX. They can avail any prevalent subsidy offered by Government of India in this regard.

The Chairman & Managing Directors of all DISCOMs & Vice Chairman & Managing Director, NREDCAP are requested to take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

MRUTUNJAY SAHOO
PRINCIPAL SECRETARY TO GOVERNMENT

To
The C&MDs of All DISCOMS
The VC&MD, NREDCAP.
The C&MD AP TRANSCO, Hyderabad.
The MD. AP GENCO
The Secretary to APERC

Copy to:
P.S to Secretary to Hon'ble C.M.
P.S to Hon'ble Minister for Finance.
P.S to Principal Secretary to Government, Energy.
P.A to Special Secretary to Government, Energy.
S.F/SC (C.No1011/RES-A1/2013)

// FORWARDED: BY ORDER//

SECTION OFFICER