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അസാധാരണം EXTRAORDINARY

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KERALA STATE ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

No. 1204/D(T)/2019/KSERC

Dated, Thiruvananthapuram, 7 th February, 2020.

Preamble,- In exercise of the powers conferred by sub-section (1) of Section 181 of the Electricity Act, 2003 (Central Act 36 of 2003) read with clause (e) of subsection (1) of Section 86 thereof and all other powers enabling it in this behalf and after previous publication, the Kerala State Electricity Regulatory Commission hereby makes the following Regulations, namely:-



Kerala State Electricity Regulatory Commission (Renewable Energy and Net Metering) Regulations, 2020

Chapter – I

Preliminary

1. Short title, application, extent and commencement.-

(1) These Regulations may be called the 'Kerala State Electricity Regulatory Commission (Renewable Energy and Net Metering) Regulations, 2020'.

(2) These Regulations shall apply to all the existing and new, Grid Interactive Renewable Energy Systems, consumers, prosumers, captive consumers, captive generating plants, generating companies, distribution licensees and obligated entities, in the matter of Determination of Tariff of Renewable Energy, Renewable Purchase Obligation, Net Metering, Banking, Generation Based Incentives and related matters.

(3) These Regulations shall extent to the whole State of Kerala.

(4) It shall come into force from the date of publication in the Official Gazette.

2. Definitions and Interpretations.-

(1) **Definitions**, -In these Regulations, unless the context otherwise requires,

(a) **'Act'** means the Electricity Act, 2003 (Central Act 36 of 2003);

(b) **'Application'** means a request for connectivity of Renewable Energy System to the State transmission and/or distribution grid, as the case may be and, as per the application form duly filled in all respect, as required by the distribution licensee, along with the copy of the receipt as proof of payment of necessary charges and accompanied by all necessary documents including copies of approvals from statutory or other authorities;



- (c) **'Application form'** means the application form complete in all respects in the appropriate format by the distribution licensee, before the payment of applicable charges;
- (d) **'Auxiliary energy consumption' or 'AUX'** in relation to a period in case of a generating station means the quantum of energy consumed by auxiliary equipment of the generating station and transformer losses within the generating station, expressed as a percentage of the sum of gross energy generated at the generator terminals of each unit of the generating station;
- (e) **'Banking facility'** means such facility whereby the prosumer or the captive generator of Renewable Energy System injects energy into the grid during a time block or period and have a right to draw back the energy from the grid at a subsequent different time block or period, subject to the terms and conditions specified in these Regulations;
- (f) **'Beneficiary'** with respect to these Regulations means a licensee who has an agreement with a Renewable Energy Generator for purchase of power from the plant at the tariff approved by the Commission;
- (g) **'Billing period'** means the period as approved by the Commission for which electricity bills are regularly prepared by the licensee for different categories of consumers;
- (h) **'Capital cost'** means the capital cost as defined in the Regulations under Chapter V;
- (i) **'Captive consumer'** means a consumer owning and consuming electricity generated from a captive generating plant including from the captive renewable energy sources or captive co-generation, as the case may be;
- (j) **'Captive Generating Plant'** means a power plant including the renewable energy plant or co-generation plant, set up by any person to generate electricity primarily for his own use and includes a power plant set up by any co-operative society or association of persons for generating electricity primarily for use of its members



and as specified in Electricity Rules, 2005 published by the Government of India and amended from time to time;

- (k) **‘Central Agency’** means the agency operating the National Load Dispatch Centre or such other agency as the Central Commission may designate from time to time for the purpose of implementation of the scheme relating to issuance of renewable energy certificate and performance of other duties as assigned under the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for Recognition and Issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010, as amended from time to time;
- (l) **‘Central Commission’** means the Central Electricity Regulatory Commission referred to in sub-section (1) of Section 76 of the Electricity Act, 2003;
- (m) **‘Certificate’** means the Renewable Energy Certificate issued by the Central Agency in accordance with the procedures approved under the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for Recognition and Issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010, as amended from time to time;
- (n) **‘Co-generation’** means a process which simultaneously produces two or more forms of useful energy (including electricity);
- (o) **‘Commission’** means the Kerala State Electricity Regulatory Commission;
- (p) **‘Conduct of Business Regulations’** means the Kerala State Electricity Regulatory Commission (Conduct of Business) Regulations, 2003 as amended from time to time;
- (q) **‘Connected load’** expressed in kW or kVA means aggregate of the rated capacities of all energy consuming devices or apparatus which can be simultaneously used, excluding stand-by load if any, in the premises of the consumer, which are connected to the service line of the distribution licensee;



- (r) **‘Connection agreement’** means an agreement between State Transmission Utility (STU), and / or distribution licensee and an eligible entity, for connecting the renewable energy system to the intra-state transmission system and / or distribution system, as per the provisions of the KSERC (Connectivity and Intra-state Open Access) Regulations, 2013;
- (s) **‘Consumer’** means any person who is supplied with electricity for his own use by a licensee or the Government or by any other person engaged in the business of supplying electricity to the public under Electricity Act, 2003 or any other law for the time being in force and includes any person whose premises is, for the time being, connected for the purpose of receiving electricity with the works of a distribution licensee, the Government or such other person, as the case may be;
- (t) **‘Contract Demand or Contracted Demand’** means the maximum demand in kW or kVA, agreed to be supplied by the distribution licensee and indicated in the agreement executed between such licensee and the consumer; or the contracted load or contract demand duly revised thereafter;
- (u) **‘Control Period’ or ‘Review Period’** means the period during which the norms for determination of tariff for renewable energy specified under these Regulations shall remain valid;
- (v) **“Eligible consumer”** means a consumer getting supply of electricity from the distribution licensee in its area of supply, who intends to use a grid connected Renewable Energy system installed in his premises to offset a part of or all of the consumer's own electrical energy requirements as per the provisions of these Regulations;
- (w) **“Energy and Power”**. ‘Energy’ is the ability to do work, where as the ‘Power’ is the rate of doing work. In SI units, the unit of Power is ‘watt’, ‘kilo watt’ or ‘Mega watt’ and the Energy is measured as “kilowatt hour (kWh)”;

