



U.P. Electricity Regulatory Commission
Vidyut Niyamak Bhawan, Vibhuti Khand, Gomti Nagar,
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Dated: 12.04.2022

Public Notice

The Commission has framed Draft UPERC (Rooftop Solar PV Grid Interactive System Gross/ Net Metering) Regulations, 2019 (First Amendment/ Addendum). The Commission hereby invites written suggestions/ objections/ comments from various stakeholders, which may be sent to the Secretary, Uttar Pradesh Electricity Regulatory Commission, Vidyut Niyamak Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010 on or before 12.05.2022. The draft Regulations have been put on the website of the Commission.

The Commission shall hold "Public Hearing" through video conferencing on 13.05.2022 at 11:00 Hrs on above Regulations in the Office of the Commission. All stakeholders who wish to participate in the Public Hearing shall send an email on office@uperc.org providing the name, email id (preferably Gmail), mobile number and name of organization to register themselves and shall follow the "instruction for Public Hearing in UPERC through Video Conferencing" available on UPERC website (www.uperc.org). The link for Video conferencing will be sent to their respective Email ID.

Sanjay
Secretary

UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION

Notification No:- UPERC/Secretary/RSPV Regulations/

Dated .07.2019

In exercise of the power conferred on it by Section, 61,66, 861(e) and 181 of the Electricity Act 2003 (36 of 2003) and all other powers enabling in its behalf, the Uttar Pradesh Electricity Regulatory Commission has made (Rooftop Solar PV Grid Interactive System Gross/ Net Metering) Regulation 2019, which were published vide notification no. UPERC/Secretary/RSPV Regulations/434(A) dated 04.01.2019.

And whereas, the Ministry of Power, Government of India has introduced a concept of Net Billing or Net Feed-In in its notification G.S.R.(E) 448 (E). dated 28 June 2021, which is reproduced as below:

(ja) "net billing or net feed-in" means a single bidirectional energy meter used for net-billing or net feed-in at the point of supply where-in the energy imported from the Grid and energy exported from the Grid Interactive rooftop Solar photovoltaic system of a Prosumer are valued at two different Tariff

In view of the above notification of Ministry of Power, Government of India, Uttar Pradesh Electricity Regulation Commission, now in exercise of its power conferred under section 61, 86 (1) (e) and 181 of Electricity Act, 2003 and clause 17 of the aforesaid Regulation i.e. Power to Amend and all other enabling powers hereby makes the following amendments, namely:

1. Short Title and Commencement-

- a. These Regulations shall be called UPERC (Rooftop Solar PV Grid Interactive System Gross/ Net Metering) Regulation, 2019 (**First Amendment / Addendum**) hereinafter referred to as RSPV Regulation, 2019) (**First Amendment**).
- b. These Regulations shall come into force from the date of their notification in the Official Gazette of the State.

2. AMENDMENTS

Regulation No.	Existing Regulation	Amended Regulations
Definitions and Interpretations	2.k) Eligible Consumer" for Net Metering Scheme means the consumers of a Licensee under agriculture (LMV-5) category or domestic consumers under LMV-1 category while under Gross Metering Scheme means a consumer of electricity in the area of supply of the Distribution Licensee, who intends to set up a grid connected rooftop Solar PV system in the consumer's premises which can be self-owned or third party owned, with an intent to sell the entire electricity to the distribution licensee at the rate prescribed by the Commission.	2.k) "Eligible consumer" for i)Gross Metering Scheme means a prosumer of electricity of any category in the area of supply of the Distribution Licensee, who intends to/ has set up a grid connected rooftop Solar PV system in his/ her premises which can be self-owned or third party owned, with an intent to sell the entire electricity to the distribution licensee at the rate prescribed by the Commission. ii) net-billing / net feed-in scheme means a prosumer of any category, in the area of supply of the Distribution Licensee, who intends to/ has set up a grid connected rooftop Solar PV system in his/ her premises, which can be self-owned or third party owned, where-in the energy imported from the Grid and energy

		<p>exported to the Grid Interactive rooftop Solar photovoltaic system of a Prosumer are measured through a single bi-directional energy meter valued at two different Tariffs which are determined by the Commission.</p> <p>iii) Net Metering Scheme means the metered prosumers of a Licensee under agriculture (LMV-5) category or domestic consumers under LMV-1 category, who intends to/ has set up a grid connected rooftop solar PV system in the consumer premises, which can be self-owned or third party owned wherein the energy imported from the grid and the energy exported to the grid interactive rooftop solar PV system are netted out through single bi-directional energy meter.</p>
<p>Scope and application</p>	<p>3.2 The eligible consumer may install the rooftop solar PV system under gross metering arrangement or net metering arrangement. Metered Agricultural or metered Residential/Domestic category under LMV-5 and LMV-1 category respectively, can install rooftop solar PV system under net metering arrangement or the Gross Metering Arrangement which: ...</p>	<p>3.2 The eligible consumer may install the rooftop solar PV system under gross metering arrangement or net metering arrangement or net billing / net feed-in arrangement as per respective eligibility.</p>
<p>General Principles</p>	<p>4.1 Subject to the limits and other terms and conditions specified in these Regulations, the eligible consumers of the Distribution Licensee shall be entitled to install rooftop solar PV system under gross metering arrangement or net metering arrangement.</p> <ul style="list-style-type: none"> · · · <p>Provided that third party owners who have entered into a lease or commercial agreement for the rooftop in the premises of a group of consumers, shall also be entitled to install rooftop solar PV system under Net metering arrangement with the Distribution Licensee, for such capacity which shall be cumulative of the prescribed limits of rooftop solar PV capacity for each eligible consumer of the group whose rooftop has been leased by the third party owner connected with the same Distribution Transformer (upto the limit of as defined under these Regulations of capacity of DT).</p>	<p>4.1 Subject to the limits and other terms and conditions specified in these Regulations, the eligible consumers of the Distribution Licensee shall be entitled to install rooftop solar PV system under gross metering arrangement or net metering arrangement or net billing / net feed-in arrangement as per respective eligibility.</p> <ul style="list-style-type: none"> · · · <p>Provided that third party owners who have entered into a lease or commercial agreement for the rooftop in the premises of a group of consumers, shall also be entitled to install rooftop solar PV system under gross metering or Net metering arrangement or net billing / net feed-in arrangement with the Distribution Licensee, for such capacity which shall be cumulative of the prescribed limits of rooftop solar PV capacity for each eligible consumer of the group, whose rooftop has been leased by the third party owner connected with the same Distribution</p>

	<p>4.2 Provided that the eligible consumer or third party owner as the case may be availing gross metering arrangement under these Regulations shall not be allowed to apply for net metering arrangement within the same premises.</p> <p>4.3 Provided that the eligible consumer availing net metering arrangement under these Regulations shall not be allowed to apply for gross metering arrangement within the same premises.</p> <p>4.4 Provided that the Distribution Licensee shall, as per the eligibility condition as specified in these Regulations, allow the provision of gross metering arrangement or net metering arrangement to the consumer or third party owner as the case may be, who intends to install grid connected rooftop solar PV system.</p> <p>4.6 If the eligible consumer installs solar rooftop system under the net metering scheme, such eligible consumer shall be entitled to use the power generated from the rooftop solar PV system at his premises. The surplus power can be injected to the distribution system of the Licensee at the interconnection point.</p>	<p>Transformer (upto the limit of as defined under these Regulations of capacity of DT).</p> <p>4.2 Provided that the eligible consumer, as the case may be, can only avail one type of rooftop solar PV grid interactive system out of gross metering arrangement, net metering arrangement or net billing / net feed-in arrangement within the same premises.</p> <p>4.3 deleted</p> <p>4.4 Provided that the Distribution Licensee shall, as per the eligibility condition as specified in these Regulations, allow the provision of gross metering arrangement or net metering arrangement or net billing / net feed-in arrangement to the consumer.</p> <p>4.6 If the eligible consumer installs solar rooftop system under the net metering or net billing / net feed-in scheme, such eligible consumer shall be entitled to use the power generated from the rooftop solar PV system at his premises. The surplus power can be injected to the distribution system of the Licensee at the interconnection point.</p>
Interconnection with the Distribution System	8.1 (v) In case of Gross Metering an inter Connection Agreement as per Annexure III(A) is signed between both the parties whereas in case of Net metering inter Connection Agreement as per Annexure III(B) is signed between both the parties.	8.1 (v) In case of Gross Metering, net metering & net billing / net feed-in arrangement the interconnection agreements will be signed between the parties on formats specified at Annexure III(A), Annexure III(B) and Annexure III(C) respectively.
Applicability of Other Charges	11. In rooftop solar PV system under gross metering scheme or net metering scheme, whether self-owned or third party owned and installed on eligible consumer premises shall be exempted from wheeling and cross subsidy surcharge.	11. Rooftop solar PV system installed on eligible consumer premises under gross metering scheme, net metering scheme or net billing / net feed-in scheme , whether self-owned or third party owned, shall be exempted from wheeling and cross subsidy surcharge.
Solar Renewable Purchase Obligation	12.2 In case of net metering scheme the total quantum of solar electricity generated under the net metering arrangement by eligible consumer, who is not defined as obligated entity, shall qualify towards Renewable Purchase Obligation (RPO) for the Distribution Licensee in whose area of supply the eligible consumer is located.	12.2 In case of net metering or net billing / net feed-in scheme the total quantum of solar electricity generated under the net metering, net billing / net feed-in arrangement by eligible consumer, who is not defined as obligated entity, shall qualify towards Renewable Purchase Obligation

		(RPO) for the Distribution Licensee in whose area of supply the eligible consumer is located.
Penalty or Compensation	14. In case of failure of gross metering or net metering system as the case may be, the provisions of penalty or compensation shall be as per the provisions of the provided in UPERC (Electricity Supply Code) Regulations, 2005 and subsequent amendments thereof or as determined by the Commission from time to time.	14. In case of failure of gross metering or net metering or net billing / net feed-in system as the case may be, the provisions of penalty or compensation shall be as per the provisions of the provided in UPERC (Electricity Supply Code) Regulations, 2005 and its amendments or as determined by the Commission from time to time.

3. ADDENDUM

Following addition is being made to Regulation 2. Definitions and Interpretations

ff) “Net billing / Net feed-in”: means an arrangement using bi-directional energy meter at the point of supply where-in the energy imported from the Grid and energy exported from the Grid Interactive rooftop Solar photovoltaic system are valued at two different Tariff.

gg) “Net billing / Net feed-in Tariff”: means the tariff for electricity supplied to the distribution licensee under the Net billing / Net feed-in arrangement, shall be same as that for the gross metering arrangement, as decided by the Commission from time to time.

Following addition is being made to Regulation 10. Energy Accounting and Settlement

10.4(A) The energy accounting and settlement procedure for eligible consumer / third party owners installing and operating rooftop solar PV system under net-billing / net feed-in shall be as per the following procedure:

- i) For each billing period, the licensee shall show the quantum of electricity injected by the rooftop solar PV system and electricity supplied by the Distribution Licensee in the billing period separately.
- ii) The monetary value of the imported energy shall be based on the applicable retail tariff. The monetary value of the exported solar energy shall be based on feed-in tariff decided by the Commission.
- iii) The net bill payable/ receivable shall be determined as the difference between the monetary value of the exported energy and electricity bill of the electricity supplied by the Distribution licensee (including government levy etc.). In case of net bill payable, the provisions of applicable Tariff Order and Supply Code shall be applicable in terms of late payment surcharge. In case of net bill receivable, the amount shall be carried forward and adjusted against the bills generated in future.
- iv) When an eligible consumer leaves the system or at the end of financial year, whichever happened earlier, any balance that is pending to be received by the consumer from the distribution licensee shall be paid to the consumer.
- v) In case of Group Net billing / net feed-in, the settlement between the individual consumer in the group and the third party (if involved) will be the responsibility of the group or third party itself and shall be governed by the agreement between them. The third party aggregator shall not be charged by DISCOM any fixed charges on this account but shall be charged for energy imported as per prevailing Rules and Regulations.
- vi) There shall be no deemed generation charges payable to the eligible consumer.
- vii) In case the applicable tariff provides for billing on kVAh basis, the drawl or injection of energy shall also be measured in kVAh.

- viii) The Distribution Licensee shall necessarily provide the following details along with the electricity bill relating to each billing period:
- a) Quantum of electricity generated from the rooftop solar PV system.
 - b) Quantum of electricity injected into the distribution system by the rooftop solar PV system.
 - c) Quantum of electricity supplied by the Distribution Licensee to the eligible consumer.
 - d) The monetary value of electricity injected into the distribution system by the rooftop solar PV system based on feed-in tariff determined by the Commission.
 - e) The monetary value of electricity supplied by the Distribution Licensee to the eligible consumer as per the Tariff Order.
 - f) The net bill payable/ receivable shall be determined as the difference between electricity bill of the electricity supplied by the Distribution licensee (including government levy etc.) and the sum of monetary value of the exported energy & receivables, if any, carried over from last month.

Addition of Regulation 18. Power to Remove Difficulties:

18. If any difficulty arises in giving effect to any of the provisions of this Regulation, the Commission may direct, by a general or special order, not being inconsistent with the provisions of this Regulation or the Act, which appear to be necessary or expedient for the purpose of removing the difficulties.