

STAFF PAPER

Feed-in-tariff for the purpose of Net billing and Gross metering arrangement under PSERC (Grid Interactive Rooftop Solar Photo Voltaic Systems) Regulations, 2021.

The Section 86 of the Electricity Act 2003 specifies as under:

“Section 86. (Functions of State Commission):

(1) The State Commission shall discharge the following functions, namely: -

(a) determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the State...

(b) regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State.

.....

(e) promote cogeneration and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licensee.”

Further, Section 181(1) provides that, the State Commissions may, by notification, make Regulations consistent with this Act and the Rules generally to carry out the provisions of this Act. In exercise of the powers conferred above, Punjab State Electricity Regulatory Commission (PSERC) vide its notification dated 18.08.2021 notified the PSERC (Grid Interactive Rooftop Solar Photo Voltaic Systems) Regulations, 2021 wherein Regulation 9 & 10 specifies as under:

“9. Net billing arrangement

The solar energy generated by the SPV systems is consumed by the consumer with the surplus, if any, being exported as in case of net-

metering arrangements. However, under net billing arrangements, the monetary value of the imported energy from the grid is based on the applicable retail tariff. The monetary value of the exported solar energy to the grid is based on feed-in-tariff approved by the Commission...

10. Gross Metering arrangement

In case of gross metering, the consumer does not consume the power generated in his premise and entire solar generation is fed in to the grid which is billed at the rate of feed-in-tariff approved by the Commission.”

In view of above, the Commission is required to approve the Feed-in-Tariff for the purpose of Net billing & Gross metering arrangement under PSERC (Grid Interactive Rooftop Solar Photo Voltaic Systems) Regulations, 2021 .

Accordingly, PSPCL was directed to submit its proposal for the same. In compliance to thereof, PSPCL vide its memo no. 4933 TR-IV/4/178/L-4 dated 02.02.2022 has submitted the proposal for consideration of the Commission which is placed as **Annexure 1**.