

Draft Sikkim Grid-Interactive Distributed Solar Energy Systems Regulations 2020

HIGHLIGHTS

Connection Agreement	Between DISCOM and consumer for 20 years for net metering and net billing.
Grid-Interactive Provisions	<ul style="list-style-type: none"> • Net Metering • Net Billing • System to be connected behind the consumer's meter.
Installation Capacity	<ul style="list-style-type: none"> • Total capacity of solar energy plant must not exceed 80% of connected/contract demand. • Distribution licensee should ensure that the total installed solar capacity does not exceed 50% capacity of distribution transformer. • No cap on plant capacity for GENCO and state distribution licensee.
Conditions for Application	<ul style="list-style-type: none"> • Capacity to be installed must be ≥ 1 kW and should not exceed 1MWp. • Provision for metering only available to LT and HT (11kV) consumers. • Metering for solar plants in different locations allowed provided the consumer is the owner of the premises.
Exemption	From banking charges and cross subsidy charges.
Renewable Purchase Obligation	<ul style="list-style-type: none"> • Electricity generated by obligated entity will be considered for own RPO target. Distribution licensee can claim non-obligated entity electricity for RPO. • REC issuance will be in accordance to CERC regulations.
Electricity Banking Facility	<ul style="list-style-type: none"> • Solar energy generated in excess of monthly consumption can be banked. • Banked electricity compensation depends on the billing system of the consumer. • Distribution licensee will pay consumer for unused banked energy at the end of the settlement period.

OTHER PROVISIONS

Energy Accounting and Settlement	<ul style="list-style-type: none"> • Non-TOD billing system: Electricity generated will be compared with consumption and if over excess electricity to the next month or use it at other premises. • TOD billing system: Electricity drawn and injected in a period, will be billed or compensated in the same billing period. consumption is more, a bill will be generated. The consumer can roll over to next month or use it for other premises.
Open Access	<p>Consumer has the right to use the excess electricity generated at other premises owned by him.</p> <p>Conditions for using wheeling service:</p> <ul style="list-style-type: none"> • Any category consumer. • After fulfilling the solar demand at the first site, the excess energy can be used at a second site and should that energy demand too be fulfilled , then this energy can be wheeled to a third site. • Other sites must have a minimum consumption of 500 units of electricity per month. • Consumer can only avail 95% of energy wheeled.
Metering	<ul style="list-style-type: none"> • Solar energy meter (Check meter) and Net meter/bi-directional meter can be installed by distribution licensee or consumer. • Charges for installation and checking net meter will be borne by the distribution licensee.
Link	http://www.sserc.in/draft_regulations
Reference	http://www.sserc.in/sites/default/files/GRID%20INTERACTIVE%20SOLAR%20POWER%20AMENDMENT%202020-revised.docx