

# Draft Sikkim Grid-Interactive Distributed Solar Energy Systems Regulations 2020

## HIGHLIGHTS

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

## OTHER PROVISIONS

<b>Energy Accounting and Settlement</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> </ul>
<b>Open Access</b>	<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"> <li>• Any category consumer.</li> <li>• 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.</li> <li>• Other sites must have a minimum consumption of 500 units of electricity per month.</li> <li>• Consumer can only avail 95% of energy wheeled.</li> </ul>
<b>Metering</b>	<ul style="list-style-type: none"> <li>• Solar energy meter (Check meter) and Net meter/bi-directional meter can be installed by distribution licensee or consumer.</li> <li>• Charges for installation and checking net meter will be borne by the distribution licensee.</li> </ul>
<b>Link</b>	<a href="http://www.sserc.in/draft_regulations">http://www.sserc.in/draft_regulations</a>
<b>Reference</b>	<a href="http://www.sserc.in/sites/default/files/GRID%20INTERACTIVE%20SOLAR%20POWER%20AMENDMENT%202020-revised.docx">http://www.sserc.in/sites/default/files/GRID%20INTERACTIVE%20SOLAR%20POWER%20AMENDMENT%202020-revised.docx</a>