

Duration of Back down	Provision for Generation Compensation
Hours of Back down during a monthly billing cycle.	<p>Minimum Generation Compensation = [(Average Generation per hour during the month) × (number of Back down hours during the month)] X PUA Usage Charges</p> <p>Where, Average Generation per hour during the Month (kWh) = Total generation in the Month (kWh) ÷ Total hours of generation in the Month</p>

Provided that no such Generation Compensation shall be claimed by SECI where the Backdown is forced at the directions of the Load Dispatch Centre on account of events like consideration of grid security or safety of any equipment or personnel.

- 3.4 The declared annual CUF against the contracted capacity (i.e., 700 MW) is 22% provisionally for the first year, subject to revision after one year of operation. SECI shall maintain the generation so as to achieve annual CUF of the project within +10% and -20% of the declared value of the annual CUF. Maximum Annual CUF against the contracted capacity (i.e., 700 MW) is 24.2 % (1484.96 MUs on Annual Basis) provisionally for the first year, subject to revision within one year of CoD. The excess generation above the maximum Annual CUF shall be billed to GUVNL at 75% of the applicable Power Usage Charges.
- 3.5 After accounting for Deemed Generation as in Clause 3.3 above, if SECI is unable to supply minimum 1079.97 MUs on Annual basis, provisionally for the first year, subject to revision within one year of CoD for the shortfall in energy. SECI shall pay 25% of the applicable Power Usage Charges.



4.0 SCHEDULING, DESPATCH METERING AND ENERGY ACCOUNTING

4.1 SCHEDULING

- 4.1.1 The Scheduling and Dispatch of Energy from the Solar PV Station shall be as per the applicable Regulations and Codes notified by the Appropriate Commission.
- 4.1.2 The parties acknowledge, agree and confirm that the Solar PV Station shall be operated at all times as a MUST RUN Station and shall not be subjected to any backing down by GUVNL/the Distribution Licensee/End User.
- 4.1.3 SECI shall operate the Solar PV Station as per the grid operating standards and relevant statutory provisions, as applicable from time to time.

4.2 METERING

- 4.2.1 A set of ABT compliant Main and Check Meters as per CEA (Installation & operation of meters) Regulations 2006/IEGC as amended and revised time to time as applicable, shall be installed by /STU at Metering Point. A standby meter shall also be installed at Metering Point by STU. SECI shall make all necessary arrangements for installation of meters at Metering Point of required accuracy and specifications, as per prevailing Regulations.
- 4.2.2 Standby Meters shall also be installed at outgoing Feeder at the SECI project site as a fall back arrangement.
- 4.2.3 The Main and Check Meters shall be checked jointly at the time of installation as per the CEA (Installation & Operation of Meters) Regulations 2006 as amended and revised from time to time.
- 4.2.4 Data may be downloaded from the meters at regular intervals as per provisions of applicable regulations /decided by SECI and GUVNL/Distribution Licensee /End User for preparation of the Energy Account.
- 4.2.5 Regular cross checking and analysis of meter readings and meter failure or discrepancies shall be reckoned as per CEA (Installation & Operation of Meters) Regulations 2006 as amended and revised from time to time. If the Main Meter or Check Meter is found to be not working at the time of meter readings or at any other time, SECI/ GUVNL shall inform each other of the same.
- 4.2.6 In case of failure of meters, energy accounting for the period shall be as per procedure laid down by CERC or as per the mutually agreed procedure. In case of absence of any such procedure, the following procedure shall be followed:



- In case of failure of Main Meter, readings of Check Meter for the corresponding period shall be considered for energy accounting.
- If both the Main and Check Meter(s) fail to record or if any of the PT fuses is blown out, energy shall be accounted based on standby meters.
- In case, the Main Meter, Check Meter and standby meter are found to be beyond permissible limit of error, the meters shall be calibrated immediately and the correction applicable to main meter shall be applied to the energy registered by the Main Meter at the correct energy for the purpose of energy accounting / billing for the actual period during which inaccurate measurements were made, if such period can be determined or, if not readily determinable, shall be the shorter of:
 - the period since immediately preceding test of the relevant Main meter, or
 - one hundred and eighty (180) days immediately preceding the test at which the relevant Main Meter was determined to be defective or inaccurate.
- In case of dispute, resolution shall be as per provision of Article 8.

4.2.7 Periodic testing of both Main and Check Meters shall be carried out in the presence of representatives of SECI and GUVNL/Distribution Licensee/End User as per procedure laid out in CEA (Installation & Operation of Meters) Regulations, 2006 as amended and revised time to time Provided that the minimum time period for such test shall not be less than three years. For any testing and/ or replacement, notice of seven days will be given.

4.2.8 The Main Metering System and the Backup Metering System shall be sealed in the presence of representatives of SECI and GETCO /GUVNL/Distribution Licensee.

4.2.9 When the Main Metering System and / or Backup Metering System and / or any component at Metering Point thereof is found to be outside the acceptable limits of accuracy or otherwise not functioning properly, it shall be repaired, re-calibrated or replaced by SECI and / or GUVNL / GETCO at SECI's cost, as soon as possible.

4.2.10 Any meter seal(s) shall be broken only by GETCO/GUVNL/Distribution Licensee's representative in the presence of SECI representative whenever the Main Metering System or the Backup Metering System is to be inspected, tested, adjusted, repaired or replaced.



4.3 ENERGY ACCOUNTING

4.3.1 The scheduling and energy accounting of SECI solar power shall be as per the provisions of the Grid Code.

4.3.2 Any change in the methodology of Energy Accounting shall be done as per mutually agreed decisions.



5.0 COMMISSIONING AND COMMERCIAL OPERATION DECLARATION OF SOLAR PV STATION OR PART CAPACITY THEREOF:

- 5.1 SECI shall give at least 7 (Seven) days written notice to the GETCO, SLDC, GEDA and GUVNL, of the date on which it intends to synchronize the Power Project to the Grid System.
- 5.2 Subject to Article 5.1, the Power Project may be synchronized by SECI to Grid System when it meets all the connection conditions prescribed in the Grid Code and otherwise meets all other Indian legal requirements for synchronization to the Grid System.
- 5.3 The synchronization equipment and all necessary arrangements / equipment including Remote Terminal Unit (RTU) for scheduling of power generated from the Project and transmission of data to the concerned authority as per applicable regulation shall be installed by SECI at its generation facility of the Power Project at its own cost. SECI shall synchronize its system with the Grid System only after the approval of GETCO, SLDC and GEDA (as applicable).
- 5.4 SECI shall immediately after each synchronization / tripping of generator, inform the sub-station of the Grid System to which the Power Project is electrically connected in accordance with applicable Grid Code.
- 5.5 Part Commissioning: There can be part commissioning of the project. Part commissioning of the project shall mean that all equipment corresponding to the part capacity have been installed and commissioned and energy has flown into the grid. SECI shall be permitted for full commissioning as well as part commissioning of the project even prior to Scheduled Commissioning Date (SCD). Part commissioning of the Project shall be accepted by GUVNL/GEDA subject to the condition that the Minimum Capacity for acceptance of first and subsequent part(s) commissioning shall be 10 MW or balance project capacity whichever is lower. However, the SCD (Schedule Commercial Date) will not get altered due to part-commissioning.
- 5.6 Early Commissioning: SECI shall be permitted for full commissioning as well as part commissioning of the Project even prior to the SCD (Schedule Commissioning Date). In cases of early part-commissioning as well as full commissioning of the project, till SCD, GUVNL shall purchase the power at tariff as per article 6.1 of PUA.
- 5.7 Commercial Operation Declaration (COD) of the project shall be the date certified by GEDA upon successful commissioning of the full capacity of the Project or the last part capacity of the Project as the case may be.



5.8 Dispatch

The Power User or Distribution Licensee or GUVNL shall be required to maintain compliance to the applicable Grid Code and requirements & directions, if any, as specified by Appropriate Commission/ STU/ Discom or licensee or from any competent Authority as issued from time to time to maintain power evacuation system available.

6.0 USAGE CHARGES

- 6.1 The Usage Charges for the power made available by SECI from Solar PV Station shall be payable by GUVNL @ Rs 2.57 /kWh, which shall be exclusive of any other third-party charges like wheeling and transmission charges and losses, point of connection charges and losses, cross-subsidy surcharges, SLDC charges etc. as may be applicable. The Usage Charges for contracted capacity shall be payable from the date of commissioning of the project or the part capacity as the case may be. The parties acknowledge and accept that Usage Charges has been determined in accordance with CPSU Scheme of the Government of India to assist the development of solar projects and usage of the energy generated by the Government/Government Entities, with Government of India providing VGF support.
- 6.2 The Usage Charges payable in terms of this Agreement to SECI shall be the consolidated consideration for the services of SECI for establishing the Solar PV Station or part capacity thereof and offering the energy at the Interconnection Point/ Delivery Point. All cost and expenses from and beyond the Interconnection Point/ Delivery Point, shall be entirely to the account of GUVNL.
- 6.3 SECI shall be entitled to draw at its discretion the auxiliary power requirements from the grid as per applicable grid code and regulations or to arrange for the same independently, through a bilateral agreement or otherwise, as the case may be.
- 6.4 Taxes, Levies, Duties, Royalty, Cess etc.:
- Any tax/levy/duty/Royalty/Cess etc., as and when levied by any Government/Statutory body/Authority, shall be borne and additionally paid by GUVNL to SECI from the effective date of such taxes, levies, duties, royalty, cess etc.

