

F.No. 318/13/2022-GCRT
Govt. of India
Ministry of New & Renewable Energy

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi-110003.
Dated: 04.08.2022

Notice

Subject: Inviting comments on draft SOP for implementation of Virtual Net Metering and Group Net Metering.

Most of the Electricity Regulatory Commission (SERC/JERC) have notified regulations for installation of rooftop solar by the consumers in the area of a distribution licensee. These regulations provide net-metering/ net-billing/ gross-metering provision for different category of consumers. The residential consumers can avail the facility of net-metering for installation of rooftop solar within their premises. The Government of India is also providing subsidy up to 40% to residential consumers for this purpose. Most of the rooftop solar installation in residential sector have been installed in urban areas where the households are mainly made of concrete structure having the roof of sufficient strength for installation of solar rooftop. On the contrary, the installation of rooftop in rural area is very limited because the structure of the households are not having sufficient strength to house rooftop solar structure on their roofs, thus depriving them from getting benefit of installation of rooftop solar and contributing towards clean energy initiatives being taken by the Government of India. Another reason for not installation of rooftop solar in rural area is comparatively low electricity tariff and consumers are in lower income group, not having sufficient resources for initial investment of rooftop solar.

In order to facilitate installation of rooftop solar in rural areas in the residential sector, a new approach is required and it is proposed that instead of installation of solar rooftop on individual household it can be aggregated and installed at a single place on land either taken on lease or on panchayat land. Such plants may be installed in RESCO/ CAPEX mode with the facility of net-metering available to the individual household. The solar generation from the plant is proportionately adjusted in the electricity bills of each individual household. This can be termed as Group Net Metering (GNM) or Virtual Net Metering (VNM) as the case may be.

This mechanism will also improve the electricity supply in the rural area, reduce T&D losses, improve financial position of Discoms as the consumption towards subsidized category will reduce, etc. Further, such plants will have additional benefits of low cost due to economies of scale and ease of O&M.

Further, with the improvement of electricity supply in the rural areas, there will be additional benefits in terms of development of economic activities, improvement of standard of living as also safety and security of the rural people.

The Delhi Electricity Regulatory Commission (DERC), Joint Electricity Regulatory Commission (JERC) for Goa & UTs and Odisha Electricity Regulatory Commission (OERC) has already notified Guidelines/Regulations on VNM and GNM. Ministry has requested other SERCs/JERCs to adopt Guidelines/Regulations on VNM and GNM.

To facilitate implementation of VNM and GNM a draft SOP has been prepared and attached for providing suggestions/comments of the stakeholder by 31/08/2022 via email to veepin.kumar@gov.in, in below format:

| S.No. | Page Number | Existing Clause | Proposed Clause | Modified | Remarks/Justification for proposed Modification |
|-------|-------------|-----------------|-----------------|----------|---|
| | | | | | |

* Reference documents/calculations referred to in justification may also be provided.

Veepin Kumar
04-08-2022

(Dr. Veepin Kumar, IES)
Deputy Director (RTS)
Ministry of New and Renewable Energy.

To,

All Concerned.

Draft

Model Standard Operating Procedure
(SOP)

For

Implementation of

Virtual Net Metering and Group Net
Metering Mechanism

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I. Definitions:

Following definitions are for reference purposes only. The definition as mentioned by the specific State or UT Regulator will prevail:

1. "Virtual Net Metering" has an arrangement whereby entire energy generated/injected from a Renewable Energy System or Battery Energy Storage System (BESS) charged through Renewable Energy System is exported to the grid from renewable energy meter/ gross meter and the energy exported is adjusted in more than one electricity service connection(s) of participating consumers located within the same distribution licensee's area of supply.
2. "Group Net Metering" has an arrangement whereby surplus energy generated/injected from a Renewable Energy System or Battery Energy Storage System (BESS) charged through Renewable Energy System is exported to the grid through Net Meter and the exported energy is adjusted in more than one electricity service connection(s) of the same consumer located within the same distribution licensee's area of supply.
3. "Eligible Consumer" means a consumer of electricity in the area of supply of the Distribution Licensee, who uses a self-owned or third party owned solar power project, to offset part or all of the consumer's own electricity requirements.

II. Consumer Registration / Applications:

1. The capacity of the renewable energy system under Group Net Metering or Virtual Net Metering framework to be installed by any consumer/applicant shall not be less than ___ kw or more than ___ kw (as specified by state regulations).
2. The Eligible consumer(s)/ applicant(s) shall make an application to Distribution Licensee for Group Net Metering or Virtual Net Metering in the prescribed format (*Annex-A or D*) along with a non-refundable fee of Rs.__(Rupees in words) as registration and feasibility analysis fee based on the proposed installed capacity. All the necessary forms and formats are enclosed with the document.

III. Technical Feasibility Analysis:

1. Distribution Licensee shall carry out the technical feasibility analysis based on the furnished information in the application submitted by the eligible consumers.
2. An internal review to check if the proposed Rooftop Solar Plant satisfies the requisite technical standards of MNRE/ DISCOM/SERC, especially with respect to inverter specifications, penetration levels, safety aspects like anti-islanding and protection devices, etc. shall be undertaken. This analysis shall be carried out within ___ working days from the date of submission of application (as per state regulations).
3. In absence of any intimation from the DISCOM within the stipulated time frame, it shall be considered as deemed approved (or as specified by the state regulation).
4. DISCOM shall accord feasibility approval to consumers on a first come first serve basis.

5. The maximum penetration limits at the level of distribution network shall not be more than ___ of that DT or any other transformer (as per state regulations).

IV. Connection Agreement:

1. The Eligible consumers and the Distribution Company shall enter into an agreement that specifies the technical information, commercial arrangement and the clear roles and responsibilities of all the concerned stakeholders as specified in *Annex-B or E*, within ___ days of issuing technical feasibility analysis (as per state regulations).
2. If Agreement is not entered by the Eligible Consumer, application is deemed to be cancelled.
3. The plant shall be installed within ___ months from the date of Agreement (as per state regulations).
4. In case of any delay beyond ___ months (as per state regulation), DISCOM may provide the time extension on case-to-case basis, after which the agreement shall be deemed terminated without any reason at the sole discretion.

V. Metering and Synchronization:

1. All the meters installed at the RTS system shall comply with the CEA (Installation and Operation of Meters), Regulations, 2006 and subsequent amendments thereof.
2. The appropriate meter(s) at the premises of the consumer shall be procured, installed, and maintained by the Distribution Licensee at the cost of the Eligible Consumer. However, if the Eligible Consumer wishes to procure the appropriate Meter(s), they may procure such meter(s) and present the same to the Distribution Licensee for testing and installation.
3. The location of appropriate meter(s) shall be in accordance with the CEA (Installation and Operation of Meters), Regulations, 2006 with amendments from time to time.
4. The installation of solar meters shall be mandatory for all the rooftop solar systems.
5. All the meters installed shall be jointly inspected and sealed on behalf of both the parties, provided that, the meter reading taken by the Distribution Licensee shall form the basis of commercial settlement.
6. The plant shall be synchronized within ___ working days of inspection by DISCOM/ approval /payment of metering cost or as per state regulation. Upon synchronization of the plant with the grid, the DISCOM personnel shall inspect, the meter(s) and ensure installation of safety features/precautions. A commissioning certificate would be issued by the DISCOM subject to the test results which should conform to the Regulatory requirements/ Standards.
7. Meter reading shall be done as per the prevailing DISCOM procedure.

VI. Energy Accounting and Settlement:

The details of Energy Accounting and Settlement that shall be followed is given below:

1. **For VNM:** The energy generated from Renewable Energy System shall be credited in the monthly electricity bill of each participating consumer(s) as per the ratio indicated under application to DISCOM (*Annex-A*).

For GNM: The energy generated from Renewable Energy System shall be credited in the monthly electricity bill of each participating connection(s) as per the ratio indicated in the application form (*Annex-D*).

2. **For VNM:** The consumer(s) shall have the option to change the share of credit of electricity from Renewable Energy System subject to the ratio of procurement from Renewable Energy System indicated under the agreement/ MoU entered by the consumer(s) once in the financial year with an advance notice of __ months.

For GNM: The priority list for adjustment of the balance surplus energy against other electricity connection(s) may be revised by the consumer once in every financial year with an advance notice of __ months (as per state regulations).

3. Where the service connection of any participating consumer(s)/connection(s) is disconnected due to any reason under any law for the time being in force, the unadjusted units/ remaining credits of that consumer(s)/connection(s) shall be paid by the distribution licensee at the end of the financial year.

4. **For VNM:** The electricity consumption in any time block (e.g., peak hours, off-peak hours, etc.) shall be first compensated with the electricity generation in the similar time blocks in the same billing cycle of the participating consumer(s). Any surplus generation over consumption in any time block in a billing cycle shall be accounted as if the surplus generation/ Energy Credits have occurred during the off-peak time blocks.

For GNM: The electricity consumption in any time block (e.g., peak hours, off-peak hours, etc.) shall be first compensated with the electricity generation in the similar time blocks in the same billing cycle of the consumer where the Renewable Energy System is located and any surplus units injected shall be adjusted against the energy consumed in the monthly bill of service connection(s) in a sequence indicated in the priority list provided by the consumer as if the surplus generation/ Energy Credits occurred during the off peak time blocks for Time of Day (ToD) consumers and

normal time block for Non-ToD consumer.

5. **For VNM:** Where the units credited during any billing period of any participating consumer exceeds the import of units by that consumer, such surplus credited units shall be carried forward in the next billing period as energy credits for adjustment against the energy consumed in subsequent billing periods within the settlement period of each participating consumer(s).

For GNM: Where the export of units during any billing period exceeds the import of units at the connection where Renewable Energy system is located, such surplus units injected into the grid shall be adjusted against the energy consumed in the monthly bill of service connection(s) in a sequence indicated in the priority list provided by the consumer. The sequence of priority for adjustment shall be deemed to begin with the service connection where the Renewable Energy System is located. Where during any billing period the export of units either in Non-ToD Tariff or ToD Tariff exceeds the import of units by the electricity service connection(s), such surplus units injected by the consumer shall be carried forward to the next billing period as energy credits and shown as energy exported by the consumer for adjustment against the energy consumed in subsequent billing periods within the settlement period in the sequence indicated in the priority list.

6. For the purpose of carry forward of surplus or set off of energy credits, the energy units shall be moderated as per the relevant rebate/surcharge percentage of ToD tariff applicable for the relevant year. Any surplus generation over consumption in any time block in a billing cycle shall be accounted as if the surplus generation/ Energy Credits occurred during the off-peak time block for ToD consumers and normal time block for non-ToD consumers.
7. At the end of each settlement period, any electricity credits which remain unadjusted, such excess electricity shall be accounted for and paid by the Distribution licensee to the consumer at ____ (e.g. APPC) of the applicable year and shall be reset to zero at the beginning of each settlement period.

VII. Inspection:

DISCOM Officials reserve the right to inspect the Rooftop Power Plant routinely at any time during the term of the Agreement. As part of the inspection, DISCOM officials must ensure that the following aspects are checked:

1. All protective equipment of the SPV systems is functioning as per specifications.
2. The SPV system including panels, inverters, etc. continue to meet the requirements of Indian & IEC standards post installation till completion of

connection agreement

VIII. Commissioning and Joint Commissioning Report (JCR):

1. After successful inspection & meter testing (if meter is purchased by consumer), DISCOM shall install and seal the bi-directional and unidirectional energy meter(s) within __ days (as per state regulations) of the submission of Work Completion Report (WCR) and plant shall be treated as commissioned for net-metering commercial operations from the date of installation of meter(s).
2. A Joint Commissioning Report (JCR) shall be signed by consumer, plant supplier/EPC contractor/empanelled vendor & DISCOM officer. The signing authority of DISCOM to sign the JCR shall be same as that for Inspection. It is preferred to sign JCR on the same date as of installation of meter(s).

___ End ___

Annexure - A: Application form - Virtual Net Metering

To,

The Chief Engineer (RE/Metering/ Distribution)
XXXXX

Subject: Application form for Virtual Net Metering Mechanism

I/We intend to connect Solar Power Plant System, in compliance of SERC (Rooftop Solar Grid Interactive System Net/Gross Metering) Regulations <Insert the Year> and any further amendments.

| | | |
|-----|--|--|
| 1. | Name of Registered Consumer (Lead) | |
| 2. | Address of Registered Consumer | |
| 3. | Consumer No. | |
| 4. | Email ID (In Capital Letters) | |
| 5. | Telephone No. of Consumer | Mobile No. WhatsApp No. |
| 6. | Email ID of Installer (in Capital Letters) | |
| 7. | Telephone No. of Installers | |
| 8. | Category (Please mention) | Domestic, Industrial, Commercial, Government Building, etc |
| 9. | Supply Voltage Level (Please mention) | 230 V, 415V, 11 kV and above |
| 10. | Sanctioned Load as per Latest Electricity Bill (kW) | |
| 11. | Type of Renewable Energy System Proposed (Solar, Wind, etc) | |
| 12. | Capacity of Renewable Energy System Proposed to be connected (kW) | |
| 13. | Supply Voltage of Renewable Energy System Proposed to be connected (Please tick) | 230 V (1-Phase): 415 V (3-Phase): 11 kV & above (3-Phase): |
| 14. | Location of Proposed Renewable Energy System (Please tick) | Rooftop Solar System: Ground Mounted System: |
| 15. | Location Address of Renewable System | |

| | | |
|----|-----------------------|--|
| 16 | Latitude (N) of Site | |
| 17 | Longitude (E) of site | |
| 18 | Area (sq-mtr) | |

I / We hereby request you to provide grid connectivity to the Solar roof top PV system installed or planning to be installed at the premises owned /occupied by me / us. Details supported by necessary evidence are furnished hereunder.

I / We declare that the information submitted for Virtual Net metering are checked and verified to best of my/ our knowledge and belief.

Enclosure: Necessary documents for Applicability as Per Annexure – A.1

Place:

Date:

Signature of Participating Consumers with stamp (If any)

| S.No. | Consumer No | Sharing Ratio % | Address of each consumer in the list | ID Details of Eligible Consumers | Signature of Consumer |
|-------|-------------|-----------------|--------------------------------------|----------------------------------|-----------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

Note: The List of consumers are indicative, with possibility to extend upto the requirement of the project

FOR OFFICE USE ONLY

| | |
|--------------------------|--|
| Application Form Number: | |
| Date of application: | |

Annexure-A.1

| S.No. | Required Documents | Attached (Yes / No) |
|--------------|--|--------------------------------|
| 1. | Connection Agreement of Renewable Energy System describing details of all participating consumers | |
| 2. | Letter (Preferably on Letter Head) describing the Sharing Ratio and participating list of Consumers' Nos | |
| 3. | Self – attested Copy of ID Proofs (PAN / EPIC / Aadhar Card etc.,) | |
| 4. | Proof of ownership of premises / land where Renewable Energy System is installed | |

Annexure - B: VNM Connection Consumers' Agreement with DISCOM

(On Rs.100/- non judicial stamp paper, duly attested by Notary)

Virtual Net Metering Model Connection Agreement for Renewable Energy

This Agreement is made and entered into at <Insert the name of City and State> on date <Insert the Date of Agreement Signing> between the registered consumers whose name and Consumer numbers are provided in the below list ("**List of Consumers**") as first party (hereinafter called as "**Eligible Consumers**") and Distribution Licensee of the <Insert the name of the State> (i.e. <Insert the Name of DISCOM>), having its' registered office at <Insert the address of State Utility> (hereinafter called "**DISCOM**") as second party to this Agreement.

A solar photovoltaic plant of <Insert the capacity of SPV Power Plant in kWp> ("**Photovoltaic System**") is located at the site of the consumer at the address mentioned in the below list.

| S.No. | Consumer No | Name of Consumer | Sharing Ratio % | Address of each consumer in the list | ID Details of Eligible Consumers |
|-------|-------------|------------------|-----------------|--------------------------------------|----------------------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

Note: The List of consumers are indicative, with possibility to extend upto the requirement of the project

1. Eligibility:

- 1.1 The Eligible Consumers do hereby confirm that they are aware, in advance, of the standards and conditions the Photovoltaic System must meet for being integrated into the grid/distribution system.

- 1.2 The Eligible Consumers agree that connection of the Photovoltaic System to DISCOM's distribution system shall be bound by requirements of the state Distribution Code and/or DISCOM's conditions of service and SERC (Rooftop Solar Grid Interactive System Net/Gross Metering) Regulations <Insert the Year> and their amendments. The grid shall continue to perform with specified reliability, security, and quality as per the Central Electricity Authority (Grid Standard) Regulations 2010 as amended from time to time.
- 1.3 The Eligible Consumers, understanding the benefits of Virtual Net-metering scheme, have agreed and jointly requested with <Insert the name of State Utility> (DISCOM) to install solar meter at the premises situated at <Insert the complete Address> wherein the Photovoltaic System has already been installed by the Eligible Consumers, and the Eligible Consumers have agreed for their respective share of benefits of solar units generation in their respective electricity bills, the details of which have also been specified in this Agreement.

2. Technical and Interconnection Requirements

- 22.1 The Eligible Consumers agree that they have installed/will install, prior to connection of Photovoltaic System to DISCOM's distribution system, an isolation device (both automatic and inbuilt within inverter and external manual relays) and agree for the DISCOM to have access to and operation of this device, if required, for repair and maintenance of the distribution system.
- 22.2 The Eligible Consumers agree that in case of a power outage on DISCOM's system, the Photovoltaic System will shut down, unless special transfer and isolating capabilities have been installed on photovoltaic system.
- 22.3 Technical specification of net meter and renewable energy meter should be in compliance with the DISCOM.
- 22.4 All the equipment connected to distribution system must be compliant with relevant International (IEEE/IEC) or Indian Standards (BIS) and installations of electrical equipment must comply with Indian Electricity Rules, 1956 and Central Electricity Authority (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2013 and their amendments.
- 22.5 The Eligible Consumers agree that DISCOM will specify the interface/interconnection point and metering point.
- 22.6 The Eligible Consumers agree to adhere to power quality measures as per International or Indian Standards and/or other such measures provided by Commission/DISCOM.
 - i.
- 22.7 The Eligible Consumers agree to furnish all the data such as voltage, frequency, and breaker, isolator position in his system, as and when required by the DISCOM. The Eligible Consumers shall also provide

facilities for online transfer of the real time operational data.

- 22.8 The Eligible Consumers shall obtain requisite approvals, in accordance with the provisions of the Central Electricity Authority (Technical Standards for Connectivity of Distributed Generation Resources) Regulations, 2013 for commissioning of the Renewable Energy System, and furnish copies of approvals to the Distribution Licensee.
- 22.9 The Eligible Consumers do hereby agree that DISCOM may keep the entire information regarding application and registration of the Renewable Energy System on its website or web portal for transparency and convenience.

3. Safety:

- 3.1 Eligible Consumers shall comply with the Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations 2010.
- 3.2 The Eligible Consumers agree that the design, installation, maintenance, and operation of the Photovoltaic System shall be performed in a manner conducive to the safety of the Photovoltaic System as well as the DISCOM's distribution system.
- 3.3 Due to DISCOM's obligation to maintain a safe and reliable distribution system, the Eligible Consumers agree that if it is determined by DISCOM that Eligible Consumer's Photovoltaic System either causes damage to and/or produces adverse effects affecting other distribution systems' consumers or DISCOM's assets, the Eligible Consumers will have to disconnect photovoltaic system immediately from the distribution system upon direction from the DISCOM and correct the problem at its own expense prior to reconnection.
- 3.4 The Eligible Consumers agree that any change/alteration/modification/addition of new capacity in the Photovoltaic System post Net metering shall be carried out only after securing prior permission from DISCOM, which shall be issued post receipt of necessary Test certificate(s) and other documents as notified by DISCOM time to time.

4. Clearances and Approvals:

The Eligible Consumers agree to attain all the necessary approvals and clearances (environmental and grid connected related) before connecting the Photovoltaic System to the distribution system.

5. Access and Disconnection:

- 5.1 DISCOM shall have access to metering equipment and disconnecting means of Photovoltaic System, both automatic and manual, at all times.
- 5.2 In emergency or outage situation, where there is no access to any disconnecting means, both automatic and manual, such as a switch or breaker, DISCOM may disconnect service to the premise and in such scenario, the eligible consumer shall not have any right to object or to claim any sum from DISCOM citing such immediate disconnection.

6. Liabilities:

- 6.1 Eligible Consumers and DISCOM will indemnify each other for damages or adverse effects from either party's negligence or intentional misconduct in the connection and operation of Photovoltaic System or DISCOM's distribution system.
- 6.2 DISCOM and Eligible Consumers will not be liable to each other for any loss of profits or revenues, business interruption losses, loss of contract or loss of goodwill, or for indirect, consequential, incidental, or special damages, including, but not limited to, punitive or exemplary damages, whether any of the said liability, loss or damages arise in contract or otherwise.

7. Commercial and Settlement:

All the commercial settlement under this agreement shall follow the SERC (Rooftop Solar Grid Interactive System Net/Gross Metering) Regulations *<Insert the Year>* and subsequent amendments.

8. Conditions for System Connectivity

The parties shall abide by the Central Electricity Regulatory Commission Regulations in respect of procedure of grant of connectivity. The consumer shall submit the following documents to grant the connectivity:

- Synchronization Circuit Details
- Safety Report
- Protection Circuit Details
- Test Certificates of System
- Schematic diagram of Renewable Energy system

9. Connection Costs:

3. The Eligible Consumers shall bear all costs related to setting up of the Photovoltaic System including metering and interconnection costs as per estimate by DISCOM. The Eligible Consumers agree to pay the actual cost of modifications and upgrades to the distribution facilities required to connect the Photovoltaic System in case it is required.
4. Cost for interconnection equipment including the isolators, meters etc. are also to be borne by the Eligible consumers.

10. Termination:

- 10.1 The term of this Agreement shall be the life of a typical solar photovoltaic power plant, which is 25 years or till the validity of license with DISCOM, whichever is earlier, unless this Agreement is otherwise terminated as per the provisions of this clause.

- 10.2 The Eligible Consumer/s (Jointly) or DISCOM can terminate this Agreement at any time by providing 90 days prior notice to the other party to the agreement. Whereas it is clarified that in case of termination notice to be issued by DISCOM, the same shall be issued to Lead Consumer, appointed by eligible consumers.
- 10.3 The Eligible Consumers agree that upon termination of this Agreement, they must disconnect the photovoltaic system from DISCOM's distribution system in a timely manner and upto DISCOM's satisfaction.

11. Change of Sharing Ratios:

- 11.1 The Eligible Consumers shall have the right to change the Sharing Ratio provided in the List of Consumers once every financial year by sending notice in at least __ months in advance to the DISCOM and submitting a revised List of Consumers.
- 11.2 The Eligible Consumers shall submit a Virtual Net Metering application form as applicable at the time of such proposed change in the Sharing Ratio and amendment of the List of Consumers.
- 11.3 Eligible Consumers hereby irrevocably give the right to Lead Consumer to apply on their behalf for such change of Sharing Ratio and, if applicable, introduction of a new Eligible Consumer to this Agreement and submission of the List of Consumers. Lead Consumer may sign on behalf of all eligible consumers any and all documents required by DISCOM in this regard.
- 11.4 That the consumers, for setting up/installation of solar photovoltaic power plant and during the tenure of the installation of the same, shall be liable to take all permissions/permits/approvals as required under the provisions of relevant laws.
- 11.5 That upon setting up and during the period of installation of solar photovoltaic power plant, the consumers shall jointly and severally keep DISCOM /its employees/directors/officers/associates indemnified from all cost consequences, liabilities, penalties, claim of damages/compensation etc. from any person/agency/land owning agency/court or any other judicial-quasi-judicial authority citing the establishment and/or operation & maintenance of solar photovoltaic power plant.

12. Lead Consumer:

That at the time of execution of this agreement, the eligible consumers shall appoint/nominate one of the eligible consumers as lead consumer. That for all communications issued by DISCOM, DISCOM shall be free to communicate with lead consumer and not to every consumer. It shall be the responsibility of the lead consumer to communicate with the other eligible consumers and the service of communication by DISCOM to lead consumer shall be termed as service to all eligible consumers in all respect.

13. Governing Law and Jurisdiction:

This agreement shall be governed by the SERC (Rooftop Solar Grid Interactive System Net/Gross Metering) Regulations <Insert the Year> and subsequent amendments and any other order/directions related to establishment/maintaining/functioning of solar photovoltaic power plant. Further in case of any change in the above laws, the eligible consumers shall be liable to comply with the same.

In the witness, where of Mr./Ms.and Mr./Ms.....for and on behalf of the Eligible Consumers and Mr./Msfor and on behalf of DISCOM agree to this agreement.

Date:

Place:

List of Eligible Consumers:

| S. No. | Name of Eligible Consumers | Signature of Eligible Consumers |
|--------|----------------------------|---------------------------------|
| 1 | | |
| 2 | | |
| 3 | | |

Note: The List of consumers are indicative, with possibility to extend upto the requirement of the project

Name and signature of witness

Name and Signature of Lead Consumer

Name and Signature of Nodal Officer (Along with Stamp)

Annexure - C: Virtual Net Metering Consumers Agreement

(On Rs.100/- non judicial stamp paper, duly attested by Notary)

Virtual Net Metering Model Consumers' Agreement for Implementing Rooftop Solar Projects

This Agreement is made and entered into at *<Insert the name of City and State>* on date *<Insert the Date of Agreement Signing>* amongst the signatories whose name and their corresponding Consumer numbers are provided in the below list

("List of Consumers").

| S.No. | Consumer No | Name of Signatory | Sharing Ratio % | Address of each consumer in the list | ID Details of Signatories |
|-------|-------------|-------------------|-----------------|--------------------------------------|---------------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

The consumers included in the above list hereby agree to the following clauses:

1. invest, procure, install, commission, operate and maintain a solar photovoltaic plant of *<Insert the capacity of SPV Power Plant in kWp>* ("**Photovoltaic System**") located at the site *<insert location >* of the consumer based on Renewable Energy Service Company (RESCO) or CAPEX Model
2. apply with *<Name of the DISCOM>* for Virtual Net Metering Connection

(hereinafter called "VNM")

3. comply with all the requirements for securing VNM connection from <Name of the DISCOM> as per the <Insert name of the State> Regulations for Grid Connected Rooftop Solar / Renewable Energy
4. execute the net metering interconnection agreement with <Name of the DISCOM>
5. execute the agreement with <Name of the Renewable Energy Service Company> (if RESCO Model) OR <Name of the Vendor> (if CAPEX Model)
6. secure all the necessary approvals and clearances (environmental and grid connected related and others as applicable) before connecting the Solar Photovoltaic System to the distribution system
7. accept all the risks associated with this Virtual Net Metering scheme and the selected business model
8. that financial risk is limited to the individual financial contribution made towards the capital cost, in case of CAPEX model
9. the signatories in this agreement will not claim compensation related to financial or other damages from other signatories
10. all the signatories are equally responsible for seeking, receiving, and sharing all the communication received related to the implementation of this rooftop solar project under the Virtual Net Metering scheme
11. elect Mr XXXXXXX as the Lead Consumer for a duration of XX years as required by the <Name of the DISCOM> and for executing agreement with the RESCO or CAPEX vendor and for signing any other declaration or documents related to implementation of this rooftop solar project under the Virtual Net Metering scheme.
12. implement a process of election of the Lead Consumer if required and agree to the terms of engagement of the Lead Consumers including the tenure and other responsibilities
13. if any signatory breaches any clause in this agreement and agreements / documentation signed by the Lead Consumer, the concerned person is liable for the corresponding liability and outcomes of any nature thereof
14. signatories shall bear all costs related to setting up of the Rooftop Solar Photovoltaic System including metering and interconnection costs as per estimate provided by <Name of the DISCOM>
15. pay the actual cost of modifications and upgrades to the distribution facilities required to connect the Solar Photovoltaic System in case it is required by <Name of the DISCOM>
16. pay the cost for interconnection equipment including the isolators, meters etc. in case it is required / asked for by <Name of the DISCOM>.
17. pool the money for sharing of expenses towards overall implementation of the rooftop solar project including monitoring the progress of the rooftop solar project during its lifetime / life cycle of 25 years

18. open a Bank Account in the name of the Lead Consumer for handling the expenses mentioned in Clause 17 above
19. engage an auditor and prepare and finalize expenses statement on an annual basis with 31st March as the end of financial year
20. share the bank account with <Name of the DISCOM> for receiving amounts related to sale of surplus power from rooftops solar project, if any at the end of the financial year, if permissible in the regulations of <Name of the State>
21. if signatories are not able to take decision(s) on any key topic(s) related to the implementation of this agreement and the Rooftop Solar Project during the period of 25 years, unanimously, then such decision(s) shall be taken through voting by the signatories to this agreement and such decision(s) shall be taken based on majority basis
22. maintain written records of all decisions related to implementation of this agreement and the rooftop solar project signed by the Lead Consumer
23. authorize the Lead Consumer to convene "All Consumers Meeting (ACM)" every six months (or earlier as required) for Lead Consumer to present overall progress, interaction with CAPEX vendor / RESCO / Financial statements etc., and report and discuss on other relevant activities
24. signatories indemnify each other for damages or adverse effects from negligence in the operation of Solar Photovoltaic System and in the evacuation, distribution of power and adjustments and settlement made by <Name of the DISCOM> under the Virtual Net Metering Scheme
25. upon setting up and during the period of installation of solar photovoltaic power plant, the consumer/s shall jointly and severally, keep DISCOM/its employees/directors/officers/associates indemnified from all cost consequences, liabilities, penalties, claim of damages/compensation etc., from any person/agency/land owning agency/court or any other judicial-quasi-judicial authority citing the establishment and/or operation & maintenance of rooftop solar photovoltaic power plant
26. the term of this Agreement shall be the life of a typical solar photovoltaic power plant, which is 25 years or till the validity of license with DISCOM, whichever is earlier, unless this Agreement is otherwise terminated as per the provisions of such clause
27. in the event of termination of the agreement caused by the terms and conditions of <Name of the DISCOM> in the interconnection agreement, all the signatories shall comply with the modalities and implement all the activities in unison
28. in the event of a termination of this agreement earlier than the period mentioned in Clause 26 above, all the signatories shall comply with the modalities and implement all the activities in unison
29. in the event of termination of this agreement caused by any reason(s) other

- than mentioned in Clause 26, 27 and 28, all the signatories shall comply with the modalities and implement all the activities in unison
30. signatories shall have the right to change the Sharing Ratio provided in the List of Consumers once every financial year by sending notice of at least 2 months to the <Name of the DISCOM> and by submitting a revised List of Consumers.
 31. signatories shall submit a duly filled in Virtual Net Metering application form as applicable at the time of such proposed change in the Sharing Ratio and amendment of the List of Consumers.
 32. signatories hereby irrevocably give the right to Lead Consumer to apply on their behalf for such change of Sharing Ratio and, if applicable, introduction of a new Eligible Consumer or omission of existing eligible consumer from/to this Agreement and submission of the List of Consumers. Lead Consumer may sign on behalf of all eligible consumers any and all documents required by DISCOM in this regard.
 33. the signatory or signatories who are (i) changing the power sharing ratio or (ii) exiting the Virtual Net Metering scheme and this agreement shall agree and abide to the decision(s) taken by the Lead Consumer and all the signatories including decisions taken as per Clause 21 as regards the (a) revised sharing ratio (b) replacement signatory/signatories (c) financial compensation for the investment made (for CAPEX model) (d) settlement of outstanding amounts if any (e) liabilities towards debt or other expenses if any and (f) other decisions related to ensuring the completion of the applicable formalities towards the exit of the signatory / signatories
 34. upon termination of this Agreement, signatories must disconnect the rooftop solar photovoltaic system from <Name of the DISCOM>'s distribution system in a timely manner and to the satisfaction of <Name of the DISCOM>
 35. the Roles and Responsibilities of the Lead Consumer appointed by all signatories shall be as follows:
 - a. to share all communications issued by <Name of the DISCOM> (as <Name of the DISCOM> shall be free to communicate with lead consumer and not to every signatory.)
 - b. communicate with other signatories as the service of communication by DISCOM to lead consumer shall be termed as service to all eligible consumers in all respect
 - c. communicate with other signatories on a regular basis by making best efforts to communicate within 48 hours of receiving or coming aware of any such communication on all aspects related to the implementation of the rooftop solar project and the Virtual net Metering Scheme from DISCOM, RESCO OR CAPEX Vendor and other stakeholders
 - d. engage with the auditor for preparation and upkeep of expenses

including half yearly and annual financial statements

- e. open a bank account to keep track of the expenses as mentioned in Clause 17 and 18
- f. comply with the formalities as applicable with DISCOM during the period of the interconnection agreement
- g. on behalf of all signatories, comply with the formalities as applicable with RESCO or CAPEX Vendor and other stakeholders during the period of the interconnection agreement
- h. maintain documentary records for all decisions, actions, expenses etc., made on this rooftop solar project under the Virtual Net Metering Scheme
- i. transfer all documentation, progress reports and responsibilities to the incoming Lead Consumer in the event of change of Lead Consumer by the signatories
- j. coordinate with State and Central Government Departments / Agencies for securing the eligible financial assistance / subsidy for implementing this rooftop solar project under the Virtual Net Metering Scheme
- k. comply with all the formalities, protocols, terms and conditions related to this rooftop solar project under the Virtual Net Metering Scheme for a smooth and successful conduct of all the associated activities

36. Dispute Resolution:

- I. This agreement has been entered in to at _____. Hence, any dispute or disagreement arising out of this Agreement, or its interpretation thereof shall be first resolved amicably among the signatories within 30 (Thirty) days of Notice regarding such dispute or disagreement. However, if such a dispute of difference cannot be resolved amicably between the signatories, the same shall be referred to Arbitration Proceedings and governed by the provisions of the Arbitration and Conciliation Act, 1996 including all amendments in it from time to time (hereinafter called the Act).
 - II. The signatories herein consent to be governed by the domestic Arbitration rules as per the Act including the pre-emptive appointment of a Sole Arbitrator. The seat of arbitration is agreed to be the office of the Sole Arbitrator or any other place as per the discretion of the said Sole Arbitrator.
 - III. The subject matter of dispute, if any, arising from this Agreement shall be solely decided by Arbitration alone without invoking jurisdiction of Court
37. this Agreement shall be governed by the laws of India, and courts in the State of *<Insert the name of the State>*, shall have exclusive jurisdiction to rule on any matters or disputes arising from or relating to anything contained within this Agreement.

In the witness, where all signatories below agree to this agreement.

Date:

Place:

List of Signatories:

| S. No. | Name of Signatories | Signatures |
|--------|---------------------|------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

End

Annexure - D: Application form - Group Net Metering

To,

The Chief Engineer (RE/Metering/ Distribution)
XXXXX

Subject: Application form for Group Net Metering Mechanism

I/We intend to connect Solar Power Plant System, in compliance of The SERC (Rooftop Solar Grid Interactive System Net/Gross Metering) Regulations <Insert the Year> and any further amendments.

| | | |
|-----|--|--|
| 1. | Name of Registered Consumer (Parent Connection where RE system is to be installed) | |
| 2. | Address of Registered Consumer | |
| 3. | Consumer No. | |
| 4. | Email ID (In Capital Letters) | |
| 5. | Telephone No. of Consumers | Mobile No. WhatsApp No. |
| 6. | Email ID of Installer (in Capital Letters) | |
| 7. | Telephone No. of Installers | |
| 8. | Category (Please tick) | Domestic, Industrial, Commercial, Government Building, etc |
| 9 | Supply Voltage Level (Please tick) | 230 V, 415V, 11 kV and above |
| 10 | Sanctioned Load as per Latest Electricity Bill (kW) | |
| 11. | Type of Renewable Energy System Proposed (Solar, Wind, etc) | |
| 12. | Capacity of Renewable Energy System Proposed to be connected (kW) | |
| 13 | Supply Voltage of Renewable Energy System Proposed to be connected (Please tick) | 230 V (1-Phase): 415 V (3-Phase): 11 kV & above (3-Phase): |
| 14 | Location of Proposed Renewable Energy System (Please tick) | Rooftop Solar System: Ground Mounted System: |

| | | |
|----|------------------------|--|
| 15 | Latitude (N) of Site | |
| 16 | Longitude (E) of site | |
| 17 | Area (sq-mtr) | |

I hereby request you to provide grid connectivity to the Solar roof top PV system installed or planning to install at premises owned /occupied by me. Details supported by necessary evidence are furnished hereunder. I declare that the information submitted for Group Net metering are checked and verified to the best of my knowledge and belief.

Enclosure: Documents as per "Annexure D.1"

Place:

Date:

| S.No. | Consumer No | Applicability Priority | Address of each service connection | ID Details of Parent Consumer | Signature of Consumer with stamp (if any) |
|-------|-------------|------------------------|------------------------------------|-------------------------------|---|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

Note: The List of service connections are indicative, with possibility to extend upto the requirement of the project

FOR OFFICE USE ONLY

| | |
|--------------------------|--|
| Application Form Number: | |
| Date of application: | |

Annexure-D.1

| S.No. | Required Documents | Attached (Yes / No) |
|-------|--|---------------------|
| 1. | Connection Agreement of Renewable Energy System describing details of service connections in priority list | |
| 2. | Undertaking for incorporating the service connection Nos in the priority list of settlement under Group Net Metering | |
| 3. | Letter (Preferably on Letter Head) describing the ownership details with priority list of Consumers' service Nos | |
| 4. | Self-Attested Copy of ID Proof (PAN, AADHAR, EPIC etc) | |

__END__

Annexure - E: Group Net Metering Connection Agreement

(On Rs.100/- non judicial stamp paper, duly attested by Notary)

Group Net Metering Model Connection Agreement for Renewable Energy

This Agreement is made and entered into at *<Insert the name of the City and State>* on date _____ between the registered consumer name _____ with Consumer Number _____ residing at _____ as first party (hereinafter called as "Eligible Consumers" and Distribution Licensee of the *<Insert the name of State>* (i.e. *<Insert the name of DISCOM>*), having its' registered office at *<Insert the complete Address>* (hereinafter called "DISCOM") as second party to this Agreement.

A solar photovoltaic plant of *<Insert the capacity of the Power Plant in kWp>* ("Photovoltaic System") is installed at the premises of registered Consumer (here to call "Parent Consumer") bearing address *<Insert the complete Address>*.

1. Eligibility:

- 1.1 The Eligible Consumer do hereby confirm that he/she is aware, in advance, of the standards and conditions the Photovoltaic System has to meet for being integrated into grid/distribution system.
- 1.2 The Eligible Consumer agree that connection of the Photovoltaic System to DISCOM's distribution system shall be bound by requirements of the state Distribution Code and/or DISCOM's conditions of service and SERC (Rooftop Solar Grid Interactive System Net/Gross Metering) Regulations *<Insert Year>* and their amendments. The grid shall continue to perform with specified reliability, security, and quality as per the Central Electricity Authority (Grid Standard) Regulations 2010 as amended from time to time.
- 1.3 The list of CA numbers eligible for GNM must be of same consumer i.e. having same name and must be situated in DISCOM Licensee area for setting-off of the consumption in the billing under Group Net-metering along with the signed undertaking is also annexed at **Annexure – I** to this Agreement.
- 1.4 The Eligible Consumer do hereby confirm that it has applied connection under Group Net metering arrangement. The eligible consumer in furtherance of GNM arrangement has requested ____ (concerned department) to install net-meter equipment at his/her premises situated at _____ wherein the eligible consumer has already installed the requisite solar panels. That the consumer has also given the list of GNM service connection numbers along with their sequence for setting-off the solar generation units.

2. Technical and Interconnection Requirements

- 2.1 The Eligible Consumer agrees that he/she has installed/will install, prior to connection of Photovoltaic System to DISCOM's distribution system, an isolation device (both automatic and inbuilt within inverter and external manual relays) and agree for the DISCOM to have access to and operation of this, if required, for repair and maintenance of the distribution system.
- 2.2 The Eligible Consumer agrees that in case of a power outage on DISCOM's system, the photovoltaic system will shut down, unless special transfer and isolating capabilities have been installed on the photovoltaic system.
- 2.3 Technical specification of net meter and renewable energy meter should be in compliance with the DISCOM.
- 2.4 All the equipment connected to distribution system must be complaint with relevant International (IEEE/IEC) or Indian Standards (BIS) and installations of electrical equipment must comply with Indian Electricity Rules, 1956 and Central Electricity Authority (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2013 and their amendments.
- 2.5 The Eligible Consumer agrees that DISCOM will specify the interface/inter-connection point and metering point.
- 2.6 The Eligible Consumer agrees to adhere to the power quality measures as per International or Indian Standards and/or other such measures provided by Commission/DISCOM.
- 2.7 The Eligible Consumer agrees to furnish all the data such as voltage, frequency, and breaker, isolator position in his/her system, as and when required by the DISCOM. The Eligible Consumer shall also provide facilities for online transfer of the real time operational data.
- 2.8 The Eligible Consumer shall obtain requisite approvals, in accordance with the provisions of the Central Electricity Authority (Technical Standards for Connectivity of Distributed Generation Resources) Regulations, 2013 for commissioning of the Renewable Energy System, and furnish copies of approvals to the Distribution Licensee.
- 2.9 The Eligible Consumer do hereby agrees that ____ (concerned department) may keep the entire information regarding application and registration of the Renewable Energy System on its website or web portal for transparency and convenience.

3. Safety:

- 3.1 Eligible Consumer shall comply with the Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations 2010.
- 3.2 The Eligible Consumer agrees that the design, installation, maintenance, and operation of the photovoltaic system shall be performed in a manner conducive to the safety of the photovoltaic system as well as the DISCOM's

distribution system.

- 3.3 Due to DISCOM's obligation to maintain a safe and reliable distribution system, the Eligible Consumer agrees that if it is determined by DISCOM that Eligible Consumer's photovoltaic system either causes damage to and/or produces adverse effects affecting other distribution systems' consumers or DISCOM's assets, the Eligible Consumer will have to disconnect photovoltaic system immediately from the distribution system upon direction from the DISCOM and correct the problem at its own expense prior to reconnection.
- 3.4 The Eligible Consumer agrees that any change/alteration/modification/addition of new capacity in the photovoltaic system post Net metering shall be carried out only after securing prior permission from DISCOM, which shall be issued post receipt of necessary Test certificate(s) and other documents as notified by DISCOM time to time.

4. Clearances and Approvals:

The Eligible Consumer agrees to attain all the necessary approvals and clearances (environmental and grid connected related) before connecting the photovoltaic system to the distribution system.

5. Access and Disconnection:

- 5.1 DISCOM shall have access to metering equipment and disconnecting means of photovoltaic system, both automatic and manual, at all times.
- 5.2 In emergency or outage situation, where there is no access to any disconnecting means, both automatic and manual, such as a switch or breaker, DISCOM may disconnect service to the premise and in such scenario, the Eligible Consumer shall not have any right to object or to claim any sum from DISCOM citing such immediate disconnection.

6. Liabilities:

- 6.1 Eligible Consumer and DISCOM will indemnify each other for damages or adverse effects from either party's negligence or intentional misconduct in the connection and operation of photovoltaic system or DISCOM's distribution system.
- 6.2 DISCOM and Eligible Consumer will not be liable to each other for any loss of profits or revenues, business interruption losses, loss of contract or loss of goodwill, or for indirect, consequential, incidental, or special damages, including, but not limited to, punitive or exemplary damages, whether any of the said liability, loss or damages arise in contract, or otherwise.
- 6.3 DISCOM shall not be liable for delivery or realization by eligible consumer for any fiscal or other incentives provided by the central & state government.
- 6.4 DISCOM disclaim all warranty/guarantee/oral discussions as to the performance of system/results/outputs, benefits etc. and DISCOM shall not

be responsible for any claim associated with/citing the installation/performance of the photovoltaic system.

7. Commercial and Settlement:

All the commercial settlement under this agreement shall follow the SERC (Rooftop Solar Grid Interactive System Net/Gross Metering) Regulations <Insert Year> and subsequent amendments.

8. Conditions for System Connectivity

The parties shall abide by the Central Electricity Regulatory Commission Regulations in respect of procedure of grant of connectivity. The consumer shall submit the following documents to grant the connectivity:

- Synchronization Circuit Details
- Safety Report
- Protection Circuit Details
- Test Certificates of System
- Schematic diagram of Renewable Energy system

9. Connection Costs:

- 9.1 The Eligible Consumer shall bear all costs related to setting up of the photovoltaic system including metering and interconnection costs as per estimate by DISCOM. The Eligible Consumer agrees to pay the actual cost of modifications and upgrades to the distribution facilities required to connect the photovoltaic system in case it is required.
- 9.2 Cost for interconnection equipment including the isolators, meters etc. are also to be borne by the Eligible consumer.

10. Termination:

- 10.1 The term of this Agreement shall be the life of a typical solar photovoltaic power plant, which is 25 years or till the validity of license with DISCOM, whichever is earlier, unless this Agreement is otherwise terminated as per the provisions of this clause.
- 10.2 The Eligible Consumer or DISCOM can terminate this Agreement at any time by providing 90 days prior notice to the other party to the agreement. Whereas it is clarified that in case of termination notice to be issued by DISCOM, the same shall be issued to the Parent Consumer.
- 10.3 The Eligible Consumer agrees that upon termination of this Agreement, he/she must disconnect the photovoltaic system from DISCOM's distribution system in a timely manner and upto DISCOM's satisfaction.

11. Change of Sharing Ratios:

- 11.1 The Eligible Consumer shall have the right to change the Sharing Ratio provided in the List of Service connections once every financial year by sending notice of at least 2 months to the DISCOM and submitting a revised list of service connections.
- 11.2 The Eligible Consumer shall submit a Group Net Metering application form as applicable at the time of such proposed change in the Sharing Ratio and amendment of the List of service connections.
- 11.3 That the Eligible Consumer, for setting up/installation of solar photovoltaic power plant and during the tenure of the installation of the same, shall be liable to take all permissions/permits/approvals as required under the provisions of relevant laws.
- 11.4 That upon setting up and during the period of installation of solar photovoltaic power plant, the Eligible Consumer shall jointly and severally, keep DISCOM /its employees/directors/officers/associates indemnified from all cost consequences, liabilities, penalties, claim of damages/compensation etc. from any person/agency/land owning agency/court or any other judicial-quasi-judicial authority citing the establishment and/or operation & maintenance of solar photovoltaic power plant.

12. Parent and Child Consumer:

That at the time of execution of this agreement, the Eligible Consumer shall be termed as Parent consumer and others as Child consumers with respective Applicability Priority. That for all communications issued by DISCOM, DISCOM shall be free to communicate with Parent consumer and not to every consumer.

13. Governing Law and Jurisdiction:

This agreement shall be governed by the SERC (Rooftop Solar Grid Interactive System Net/Gross Metering) Regulations <Insert the Year> and subsequent amendments and any other order/directions in related to establishment/maintaining/functioning of solar photovoltaic power plant. Further in case of any changes in the above laws, the Eligible Consumer shall be liable to comply with the same.

In the witness, where of Mr./Ms. and Mr./Ms. for and on the behalf of the Eligible Consumer and Mr./Msfor and on behalf of DISCOM agree to this agreement.

Date:

Place:

Name & Signature of witness

Name & Signature of registered Consumer (GNM Applicant)

Name and Signature of Nodal Officer (Along with Stamp)

******End******

Undertaking for incorporating the CA nos. in the priority list of settlement under Group Net-metering

I, _____ Son/Daughter of _____ Resident of _____ (hereinafter referred to as "GNM Beneficiary", which term shall mean and include executors, administrators, heirs, successors and assigns), do hereby swear and declare as under:

- i. That the GNM Beneficiary is aware that a Group Net Metering connection has been applied by _____ "GNM Applicant" at the premises situated at _____.
- ii. That GNM Beneficiary is aware that name/CA No/s. of GNM Beneficiary have been given by the GNM Applicant for availing of benefits under GNM Scheme.
- iii. That GNM Beneficiary would like to avail the benefits associated with the GNM Connection issued to GNM Applicant as such submitting this instant undertaking confirming the terms herein.
- iv. That GNM Beneficiary confirms and understands that this present undertaking shall form part of the GNM Application Form submitted by the GNM Applicant and shall be construed in addition to the declarations and undertakings provided therein.

That the GNM Beneficiary hereby agree and undertake: -

- a. That GNM Beneficiary is the Registered Consumer (RC) for the CA No. _____ installed at the premises _____, whereas the GNM Applicant is the owner of the premises.
- b. That GNM Beneficiary has no objection if the CA No. _____ is being added to the benefits of GNM Connection issued to GNM Applicant in a manner as requested/agreed by GNM Applicant in the GNM Application.
- c. That GNM Beneficiary do hereby agree and undertake that it shall have no objection for the benefit credited, calculation of billing units under GNM Scheme as notified by Government/Competent Authority time to time.
- d. That GNM Beneficiary do hereby agree and undertake for calculation of units or the issues associated with the same the billing units may be revised by DISCOM in consideration of GNM Guidelines or any other issues and the same shall not give any rise to any claim from GNM Beneficiary against _____ (concerned department).

- e. That GNM Beneficiary has given its consent to GNM Applicant for inclusion of GNM Beneficiary for the benefits of Group Net Metering and understand that the nomination of GNM Beneficiary is at the discretion of GNM Applicant and the GNM applicant, at all times, shall be free to change the sequence of GNM Beneficiary and/or drop GNM Beneficiary from the benefits without any prior intimation and the same shall not give any rise to any claim from GNM Beneficiary against DISCOM.
- f. That GNM Beneficiary shall at all time keep DISCOM indemnified from all law suits/claims/action/liabilities associated with the inclusion/dropping of GNM Beneficiary from the benefits of Group Net Metering.
- g. That GNM Beneficiary undertakes to deposit the necessary document and permissions with DISCOM as and when demanded by DISCOM.
- h. That GNM Beneficiary shall take necessary permissions from the concerned authorities and shall submit the same with DISCOM, as notified by DISCOM time to time.
- v. The GNM Beneficiary confirms and agrees that in case of violation of the terms as stated in this undertaking and other terms as agreed by him/her, DISCOM shall be having full right to drop GNM Beneficiary from the benefits of Group Net Metering.

Signature of GNM Beneficiary

VERIFICATION:

Verified at <Insert the name of the City and State> that the contents of the above self-declaration are true and correct to the best of my knowledge and belief. This is to declare that No word and/or any statement has been amended/alterd/reframed in connection agreement as provided by DISCOM for the needful process of Group Net Metering (GNM) Application.

Signature of GNM Beneficiary

__END__

Annexure - G: Suggestive Operating Procedures for Installation and Metering Connection of Grid Connected Solar Rooftop PV Systems by DISCOMs

| Activity | Responsibility | Timeline (Max Working Days) |
|---|--------------------------------------|---|
| Submission of Application | Consumer | Zero Days |
| Acknowledgment of Application by DISCOM | DISCOM | 2 Days |
| Site Verification / Technical Feasibility & issuance of Letter of Approval (LOA) / Termination ^[1] | DISCOM | 15 Days |
| In-Principle Approval for CFA | DISCOM | 10 Days |
| Execution of Metering Agreement | DISCOM and Consumer | 15-20 Days |
| Installation of Rooftop Solar System | DISCOM, Empanelled Vendor & CONSUMER | 90-180 Days |
| Meter Procurement Intimation | CONSUMER | 15 Days (prior intimating DISCOM on system readiness) |
| Submit Work Completion Report / Certificate | CONSUMER & Empanelled Vendor | 90 – 180 Days (from LOA) (depending upon capacity) |
| Inspection by CEIG (if applicable) | CEIG | 15-20 Days |
| Issuance of Safety Certificate | CEIG (if applicable) | 5-10 Days |
| Intimation to Install Meter | CONSUMER | 7-10 Days |
| Inspection by DISCOM, Installation of Meter ^[2] and Commissioning of the System | DISCOM ^[3] | 15 – 20 Days (after CEIG approval) |
| Inspection for Release of CFA ^[4] | DISCOM | 7-10 Days |
| Release of CFA | DISCOM | 5-10 Days |
| Billing Process | DISCOM | 30 Days after synchronization with Grid |

^[1] DISCOM to communicate the deficiencies to Consumer and provide an opportunity to resolve them

^[2] DISCOM may provide a window of 15 days for Consumer to resolve deficiencies found during inspection

^[3] Joint Inspection by CEIG (if applicable) and DISCOM can reduce the timelines substantially. If DISCOM has no stock of meters, Consumer will purchase the same upon intimation by DISCOM. Inspection dates to be provided within 7 days by CEIG (if applicable) and DISCOM from the date of receipt of request for inspection sent by Consumer

^[4] Joint Inspection by CEIG (if applicable) and DISCOM can reduce the timelines substantially