



Application for Group Net metering

To,
The Nodal officer-Net metering cell
Renewables Department,
BSES Rajdhani Power Ltd.
2nd Floor, C-Block,
BSES Bhawan, Nehru Place,
New Delhi-110092

I/We intend to connect Renewable Energy System, in compliance of Delhi Electricity Regulatory Commission (Group Net Metering and Virtual Net Metering for Renewable Energy) Guidelines, 2019 & Delhi Electricity Regulatory Commission (Net Metering for Renewable Energy) Regulations, 2014.

1	Name of Registered Consumer (Parent Connection where RE system is to be installed)				
2	Address of Registered Consumer				
3	CA No				
4	E-Mail ID of Registered Consumer (In Capital letters)				
5	Telephone No. of Consumer	Mobile no:	Whatsapp no.		
6	E-Mail ID of Installer (In Capital letters)				
7	Telephone No. of Installer	Mobile no:	Whatsapp no.		
8	Category (Please tick)	Domestic	Non domestic	Industrial	Any other:
9	BRPL Supply voltage level (Please tick)	230V	415V	11 KV & 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)	230V (1-Phase)	415V (3-Phase)	11 KV & above (3-phase)	
14	Location of Proposed Renewable Energy System (Please tick)	Roof Top		Ground Mounted	
15	Latitude (N) of site				
16	Longitude (E) of site				
17	Area (sq-mtr)				

Enclosure: Documents as per "Checklist of application form" (annexure -I)

Place:

Date:

Signature of Registered Consumer with stamp (If any)

For any query call us on 19123 (Option-8) or E-Mail us on netmetering.brpl@relianceada.com / netmetering.brpl@gmail.com



Application for Group Net metering

Application for Group Net Metering

Sr No	CA No	Applicability Priority	Consumer Name	Address of each consumer in the priority list	ID Details of Registered Consumer	Sign. of Registered Consumer
1		(Parent)				
2		(Child 1)				
3		(Child 2)				
4						
5						
6						
7						
8						
9						
10						

I / We 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 / us. Details supported by necessary evidences are furnished hereunder. I/We declare that the information submitted for Group Net metering are checked and verified to best of my/ our knowledge and belief.

Enclosure: Necessary documents for Applicability as Per Annexure "1"

Place:

Date:

Signature of Registered Consumer with stamp (If any)



Application for Group Net metering

Annexure "1"

Group Net Metering

<u>S.No</u>	<u>Required Documents</u>	<u>Attached (YES /NO)</u>
1.	Connection Agreement of Renewable Energy System describing details of all consumers in priority list	
2.	Undertaking for incorporating the CA nos. in the priority list of settlement under Group Net-metering	
3.	Details on Letter Head describing the Ownership details with priority list of CA No's	
4.	Self-attested Copy of ID proof (PAN / Aadhar)	
5.	Copy of latest Electricity Bill of Parent and Child connections	
6.	Ownership proof of Land where Renewable Energy System is proposed to be installed.(Registered Sale Deed / Registered GPA / Registered Lease Deed/ Allotment Letter).	

(On Rs.100/- non judicial stamp paper, duly attested by Notary public)
Group Net Metering Model Connection Agreement For Renewable Energy

This Agreement is made and entered into at New Delhi on date _____ between the Registered consumer name _____ with CA Number _____ applied solar capacity _____ (in kWp), whereas Solar Capacity found at Site _____ (in kWp) residing at _____ as first party ("hereinafter called as Eligible Consumer") and BSES Rajdhani Power Ltd. (herein after called as "Discom") and having its registered office at BSES Bhawan, Nehru Place, New Delhi - 110019 as second party to this Agreement.

A Solar photovoltaic plant of capacity ____ kWp is installed at the premises of Registered Consumer (Here to call "Parent Consumer") bearing address _____.

1. Eligibility

- 1.1 The Eligible consumer do hereby confirm that the consumer is aware, in advance, of the standards and conditions that Photovoltaic System has to meet for being integrated into grid/distribution system.
- 1.2 The Eligible consumer agrees that connection of 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 Delhi Electricity Regulatory Commission (Net Metering for Renewable Energy) Regulations, 2014. 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 nos. 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 their consumption in their billing under Group Net-metering along with the signed undertaking is also annexed at Annexure – A 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 BRPL to install net-meter equipment at it's premises situated at Wherein the eligible consumer has already installed the requisite solar panels. That the consumer has also given the list of GNM beneficiaries 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 agrees 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, photovoltaic system will shut down, unless special transfer and isolating capabilities

have been installed on photovoltaic system.

2.3 Technical specifications of net meter and renewable energy meter should be in compliance to Discom.

2.4 All the equipments 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.

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 following power quality measures as per International or Indian standards and/or other such measures provided by Commission / Discom.

- A. Harmonic current: Harmonic current injections from a generating station shall not exceed the limits specified in IEEE 519.
- B. Synchronization: Photovoltaic system must be equipped with a grid frequency synchronization device. Every time the generating station is synchronized to the electricity system, it shall not cause voltage fluctuation greater than +/- 5% at point of connection.
- C. Voltage: The voltage-operating window should minimise nuisance tripping and should be under operating range of 80% to 110% of the nominal connected voltage. Beyond a clearing time of 2 seconds, the Photovoltaic system must isolate itself from the grid.
- D. Flicker: Operation of Photovoltaic system shouldn't cause voltage flicker in excess of the limits stated in the relevant sections of IEC 61000 standards or other equivalent Indian standards, if any.
- E. Frequency: When the Distribution system frequency deviates outside the specified conditions (50.5 Hz on upper side and 47.5 Hz on lower side), the Photovoltaic system must isolate itself from the grid beyond a clearing time of 0.2 seconds.
- F. DC Injection: Photovoltaic system should not inject DC power more than 0.5% of full rated output at the interconnection point or 1% of rated inverter output current into distribution system under any operating conditions.
- G. Power Factor: While the output of the inverter is greater than 50%, a lagging power factor of greater than 0.9 should operate.
- H. Islanding and Disconnection: The Photovoltaic system in the event of voltage or frequency variations must island/disconnect itself within the stipulated Period as per applicable IEC standards / Central Electricity Authority (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2013.
- I. Reconnection: The photovoltaic (PV) System shall be equipped with a voltage

and frequency sensing and time-delay function to prevent the PV System from energising and de-energised circuit and to prevent the PV system from reconnecting with electricity system unless voltage and frequency is within the prescribed limits and are stable for at least sixty seconds.

J. Overload and Overheat: The inverter should have the facility to automatically switch off in case of overload or overheating and should restart when normal conditions are restored.

K. Paralleling device: Paralleling device of Photovoltaic System shall be capable of withstanding 220% of the nominal voltage at the interconnection point.

2.7 As per Central Electricity Authority (Technical Standards for Connectivity of the Distributed

Generation Resources) Regulations, 2013, measurement of Harmonic current injection, Direct Current injection and flicker shall be done with calibrated meters before the Commissioning of the project and once in a year in presence of the parties concerned.

It shall be the responsibility of the eligible consumer to ensure that the annual measurement of Harmonic Current Injection, Direct Current injection and flicker, be done every year within 30 days from the commencement of respective year and shall submit the report thereto within 7 days from the date of such measurement.

2.8 The Eligible consumer agrees to furnish all the data such as voltage, frequency, and breaker, isolator position in its system, as and when required by the Discom. Consumer shall also provide facilities for online transfer of the real time operational data.

2.9 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.

2.10 The Eligible Consumer do hereby agree that BRPL 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 The 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 a reconnection.

3.4 The eligible Consumer agrees that any change/ alteration/ modification/ addition/ reduction/ removal of 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 a 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 BRPL citing such immediate disconnection.

6. Liabilities

6.1 The 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 the 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 incentive provided by the central or state government.

6.4 Discom disclaim all warranty/guaranty/oral discussions as to the performance of system/results/outputs benefits etc. and discoms shall not be responsible for any claim associated with/citing the installation/performance of the Photovoltaic System.

7. Commercial Settlement

7.1 All the commercial settlement under this agreement shall follow the Net metering regulations of Delhi Electricity Regulatory Commission (Net Metering for Renewable Energy) Regulations, 2014 and subsequent amendments.

8. Conditions For System Connectivity

8.1 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 discom for the grant of 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 Photovoltaic System including metering and interconnection costs as per estimate by BRPL. The Eligible Consumer agrees to pay the actual cost of modifications and upgrades to the distribution facilities required to connect 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 BRPL, whichever is earlier, unless this Agreement is otherwise terminated as per the provisions of the clause.

10.2 Discom has the right to terminate Agreement on 30 days prior written notice, If the Eligible Consumer breaches any term of this Agreement and does not remedy the breach within 30 days of receiving written notice from Discom of the breach.

10.3 That during the validity of this agreement the consumers shall be liable to ensure the continuous connection of solar photovoltaic power plant with DISCOM Grid. In case of any disconnection of plant from DISCOM Network, the Eligible Consumer shall be under a mandate to intimate the said disconnection to DISCOM in at least 3 days in advance, except the situation beyond control. Whereas all the eventuality of

disconnections, where the same could not be informed in advance, the same shall be communicated within 2 days of such disconnection, without fail and shall rectify the default causing such disconnection. Further in case of failure from the side of consumer in rectifying the said default within 3 days, the same shall be termed as breach of GNM Model Connection Agreement and BRPL shall be having all rights, as available, given the breach committed by eligible consumer/s including the termination of this agreement and necessary post termination obligations shall follow.

10.4 The Eligible Consumer agrees that upon termination of this Agreement, consumer must disconnect the Photovoltaic System from Discom's distribution system in a timely manner and to Discom's satisfaction.

11. Change of Applicability Priority

11.1 The Eligible Consumer shall have the right to change the Applicability Priority i.e. Parent to Child hierarchies provided in the application form once every financial year by sending notice of at least 2 months to the Discom and submitting a revised List of Consumers.

11.2 The Eligible Consumer shall submit a Group Net Metering application form as applicable at the time of such proposed change in the Applicability priority and amendment of the List of Consumers.

12. That the 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.

13. That upon setting up and during the period of installation of solar photovoltaic power plant, the consumer/s shall jointly and severally, keep BRPL/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.

14. 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.

15. Governing Law and Jurisdiction

This Agreement shall be governed by the laws of India, and courts in Delhi shall have exclusive jurisdiction to rule on any matters or disputes arising from or relating to anything contained within this Agreement.

16. This agreement shall be governed by the and Delhi Electricity Regulatory Commission (Net Metering for Renewable Energy) Regulations, 2014 read with DERC (Group Net Metering and Virtual Net Metering for renewable energy) Guidelines, 2019 and any other order/directions in 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 the same.

In the witness, where of Mr./Ms. _____ and Mr./Ms. _____ for and on behalf of _____ (The Eligible_Consumer/Registered consumer) and Head of Department on behalf of BSES Rajdhani Power Limited agree to this agreement.

Date :

Name & Signature of
Registered Consumer
(GNM Applicant)

Signature of Head (Renewable)
BSES Rajdhani Power Limited

Annexure – A: 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:

1. That the GNM Beneficiary is aware that a Group Net Metering connection has been applied by _____ “GNM Applicant” at the premises situated at _____.
2. 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.
3. 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.
4. That GNM Beneficiary confirm and understand 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 I the GNM Beneficiary hereby agree and undertake:-

- (a) That GNM Beneficiary is the 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 BRPL in consideration of GNM Guidelines or any other such other issues and the same shall not give any rise to any claim from GNM Beneficiary against BRPL.
- (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 BRPL.
- (f) That GNM Beneficiary shall at all time keep BRPL indemnified from all law suits/claims/action/liabilities associated with the inclusion/dropping of GNM Beneficiary from the benefits of Group Net Metering.
- (g) I undertake to deposit the necessary document and permissions with BRPL as and when demanded by BRPL.
- (h) I shall take necessary permissions from the concerned authorities and shall submit the same with BRPL, as notified by BRPL time to time.

5. I confirm and agree that in case of violation of the terms as stated in this undertaking and other terms as agreed by me, BRPL shall be having full right to drop GNM Beneficiary from the benefits of Group Net Metering.

Signature of GNM Beneficiary

VERIFICATION:

Verified at New Delhi 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/altereD/reframed in connection agreement as provided by BRPL for the needful process of Group Net Metering (GNM) Application.

Signature of GNM Beneficiary