Guidelines for application for Grid-Interactive Distributed Renewable Energy Sources (DRES)

These guidelines are in compliance with Sub-Regulation 12.1 (a) of Regulation 12 of the Meghalaya State Electricity Regulatory Commission (Grid Interactive Distributed Renewable Energy Sources) (2 of 2026) Regulations, 2026 dated 30.04.2026 and its amendment.

These guidelines establish the regulatory framework, technical limits, and procedural requirements for installing and operating grid-interactive Distributed Renewable Energy Sources (DRES) in Meghalaya.

1. These guidelines shall supersede the *MSERC (Rooftop Solar Grid Interactive Systems Based on Net Metering) Regulations, 2015* and all subsequent amendments.
2. "Renewable Energy Sources" means renewable electricity generating sources such as small hydro, wind, solar, biomass, bio fuel, cogeneration (including biogases-based co-generation), urban or municipal waste and such other sources as recognized or approved by MNRE or State Government;
3. Jurisdiction: Applicable across all operational consumer regions managed by the Meghalaya Power Distribution Corporation Limited (MePDCL).
4. The eligible consumers are entitled to avail the applicable subsidies as per MNRE's as well as State Government's notifications/guidelines issued from time to time.

1. Key Terms in accordance with the Regulation

1. *Reference Rate* - 80% of the average rate discovered in Green Day Ahead Market (GDAM)- the rate will be provided by the O/o the Superintending Engineer (EM) to the billing system/MIS.
2. *Settlement Period* - First of April to thirty first of March of the next year.
3. *Prosumer* means a person who consumes electricity from the grid and can also inject electricity into the grid for distribution licensee, using same point of supply;
4. *DRES*- **Distributed Renewable Energy System** means an electricity generation system not to exceed 10 MW in size and connected to the distribution network at voltage level of 33 kV or below using a distributed renewable energy source with or without energy storage having an anti-islanding protection to prevent flow of energy into the grid when grid supply is not available. A DRES needs to be installed with a separate generation meter and a bidirectional meter.
5. *RESCO*- Renewable Energy Service Company means an energy service company which owns a DRES and supplies renewable energy under different metering mechanisms provided under these Guidelines and in line with MSERC Regulations.
6. Normative means an estimation of the energy bill calculated on the basis of average energy generation by DRES during the last three calendar months.

2. General Conditions as per the MSERC (Grid Interactive DRES) (2 of 2026) Regulations, 2026

1. The generation and bidirectional meter(s) shall be procured, installed and maintained by MePDCL on payment of charges by the consumer as per estimation given by concerned Sub-division/Division. However, if the prosumer wishes to procure the meter(s), he may procure as per the prescribed specification from the empanelled OEMs of MePDCL and present them to MePDCL for testing and installation. However, MePDCL shall remain the owner of the meter after its installation.
2. MePDCL shall undertake meter testing before installation to ensure accuracy of the meter.
3. The meter shall be tested/checked by MePDCL only in the presence of the representatives of the prosumer or RESCO as the case maybe and as per the procedure specified in the Electricity Supply Code. If the consumer chooses not to be present at the site for testing, MePDCL will carry out such testing and give the copy of the meter test report to the consumer for signing.
4. If the eligible consumer is under the ambit of time-of-day tariff, both generation and bi-directional meters shall be capable of recording time of the day consumption/ generation.

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5. The voltage level for interconnection with the grid shall be as specified in the Electricity Supply Code or the voltage level at which the consumer has been given supply by MePDCL.
6. The interconnection of the DRES with the network shall be as per the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 and subsequent amendments thereof, if any.
7. MePDCL shall have the right to disconnect the DRES at any time in the event of threat/damage to prevent any accident or damage, without any notice. In such case, MePDCL shall within 24 hours of such disconnection call upon the prosumer to rectify the defect and immediately on such rectification the connection should be restored.
8. The DRES and inverter specifications must comply with the applicable provisions of Central Electricity Authority (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations 2013 and amendments thereof;
9. Consumers having pending arrears with MePDCL are not eligible to instal DRES.
10. A consumer availing Open Access (OA) can establish DRES in its premises. The priority for settlement /adjustment in credit should be done first for OA transactions followed by banked energy.
11. In case of defective/failure/burnt condition of any meter, the prosumer shall report the failure to MePDCL in the specified format. MePDCL shall replace the meter as specified in the Electricity Supply Code. The electricity generated by the DRES during the period in which the meter is defective shall be computed on **Normative** basis.
12. Cumulative capacity of DRES that can be interconnected with the grid (feeder or transformer) should not exceed 80% of the distribution transformer rated capacity and 100% in respect of the feeder capacity.
13. Application charges as applicable or as decided from time to time.
14. Matters related to subsidy application shall be dealt by the Nodal Agency appointed by Ministry of New and Renewable Energy & State Government from time to time.
15. The concerned Sub-division/Division shall inform the concerned State transmission utility within thirty days (30) of acceptance of application for connectivity of a generating station of 3 MW and above to electricity system operating at voltage level below 33 kV. The concerned State transmission utility shall in turn inform the State Load Despatch Centre with details of installed capacity, connectivity and likely date of commissioning or date of commercial operation.
16. MePDCL (concerned Sub-division/Division) shall within a period of fifteen (15) days complete the technical feasibility study for installation of DRES and the outcome of the study shall be intimated to the applicant.

    Provided that the applications for setting up DRES up to sanctioned load/contract demand or 10 kW whichever is lower, complete in all respects shall be deemed to have been accepted without requiring technical feasibility study and any commensurate enhancement of the sanctioned load of the consumer, as may be required, shall be carried out by MePDCL concerned office.

3. Metering Arrangements & Categories

Eligibility criteria and capacity that can be availed by the participating consumers/ prosumers are as follows:

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Metering Mechanism	Capacity that can be availed		Eligible Consumer Categories	DRES Location
	Minimum capacity (kW)	Maximum capacity (kW)		
Net Metering	1	Up to Sanction Load / Contract Demand or 500 kW, whichever is lower	Domestic consumers, agricultural consumers, group housing, institutions run or managed by charitable organizations, government buildings including schools, building belonging to local authorities	In consumer premises
Net Billing	1	Up to Sanction Load / Contract Demand or 500 kW, whichever is lower	All Consumer Categories	In consumer premises
Gross Metering	1	10 MW	All Consumer Categories	In consumer premises or any other locations
Group Net Metering	5	Up to combined Sanction Load / Contract Demand of all participating service connections	Domestic consumers, agricultural consumers, group housing, institutions run or managed by charitable organizations, government buildings including schools, building belonging to local authorities	In Consumer Premises at one of his service connection locations.
Virtual Net Metering	5	Up to combined Sanction Load / Contract Demand of all participating consumers	Domestic consumers, agricultural consumers, group housing, institutions run or managed by charitable organizations, government buildings including schools, building belonging to local authorities	In consumer premises or any other locations
Behind the Meter	All consumer categories. Export of power to the grid should be zero and the same is to be controlled via reverse power flow relays. Penalties, as decided by the Commission, will be levied if any power is injected to the grid.			

Note: Provided that in the event a prosumer had received approval of the DISCOM under the provisions of the Meghalaya State Electricity Regulatory Commission (Rooftop Solar Grid Interactive Systems Based on Net Metering) (First Amendment) Regulations, 2015 (1 of 2025), prior to the Notification of the Meghalaya State Electricity Regulatory Commission (Grid Interactive Distributed Renewable Energy Sources) (2 of 2026) Regulations, 2026 for a capacity beyond 500 KW, the capacity as approved shall be permitted, with or without battery storage.

4. Regulatory Provision (Flexibility to Switch)

Consumers opting for Net Metering, Net Billing or Gross Metering are permitted to switch between other mechanisms (including transitioning to Net Metering, if eligible) up to **three times** during the lifetime of the DRES project. However, this switchover is limited to a maximum of **once per financial year**.

The consumer / prosumer may own the DRES or may enter into a contract with the RESCO on mutual commercial arrangements for the establishment of the DRES under different metering mechanism provided and which are mentioned as follows:-

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A. Net Metering

Net Metering means the energy exported to the Grid is deducted from the energy imported from the Grid.

Consumers having pending arrears with MePDCL are not eligible to install DRES. In case there is a dispute between MePDCL and the consumer, the consumer has to clear the disputed amount before installing DRES.

The minimum capacity is 1 kW and the maximum capacity shall not exceed the sanctioned load or contract demand of the prosumer or 500 kW, whichever is lower.

Provided that in the event a prosumer had received approval of the DISCOM under the provisions of the Meghalaya State Electricity Regulatory Commission (Rooftop Solar Grid Interactive Systems Based on Net Metering) (First Amendment) Regulations, 2015 (1 of 2025), prior to the Notification of the Meghalaya State Electricity Regulatory Commission (Grid Interactive Distributed Renewable Energy Sources) (2 of 2026) Regulations, 2026 for a capacity beyond 500 KW, the capacity as approved shall be permitted, with or without battery storage.

If the capacity of DRES is more than 10 kW, it should be with a hybrid inverter & battery energy storage system with a minimum storage capacity of 20% of the daily energy generation potential of the plant.

The prosumer is responsible for safe operation, maintenance and rectification of any defect of the DRES up to the point of bidirectional meter, beyond which the responsibility of safe operation, maintenance and rectification, including the bidirectional meter, shall be that of MePDCL.

The interconnection point shall be at the prosumer side of the bidirectional meter.

Energy Accounting for Net Metering

(a) Forward Power Flow Relay is to be installed by the Consumer/Prosumer to ensure that energy injected into the grid does not exceed the permitted capacity.

(b) Meter reading of all DRES prosumer to be carried out according to the regular metering cycle.

(c) MePDCL has to record the readings of bi-directional meter and generation meter.

(d) The electricity injected by the prosumer to the grid shall be utilised to offset the consumption by the prosumer from the grid, and not to compensate for any other fee and charges levied by MePDCL.

(e) In case, the consumer tariffs have been determined by the Commission on kVAh/kWh basis, the generation and consumer meter readings shall also be taken in kVAh/kWh and settlement of energy to be done accordingly.

(f) Even if the prosumer has excess energy generated and injected into the grid in any billing cycle, the consumer will continue to pay other charges such as fixed/demand charges, government duty etc.

(g) MePDCL will accept the power as per the useful life of the DRES unless the prosumer ceases to be a consumer of MePDCL or if DRES is abandoned.

(h) For each billing cycle, the following information is to be made available on the bill to consumer:

- DRES generation recorded in the generation meter in the billing period;
- Electricity injected by DRES in the grid in the billing cycle, including opening and closing balance;
- Electricity supplied by MePDCL in the billing cycle, including opening and closing balance;
- Net billed electricity, for which a payment is to be made by the prosumer, if any;
- DRES generation used by MePDCL for RPO compliance, if applicable;
- Excess electricity carried forward from the previous billing period;
- Excess electricity carried forward to the next billing period, if any.

(i) In case the electricity injected exceeds the electricity consumed during the billing cycle, the excess injected electricity will be carried to the next billing cycle as excess

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electricity and will be utilized in the following billing cycles but within the same **settlement period**.

(ii) In case the electricity supplied by MePDCL during any billing cycle exceeds the electricity injected to the grid by the DRES, MePDCL shall raise a bill for the net electricity consumption along with electricity carried forward from the previous billing cycle.

(iii) For consumers under ToD tariff, generated power will first offset consumption within the **same time block** (e.g., peak generation will offset peak consumption). After adjustment in the respective time blocks, if the total generation is still in excess, then this leftover generated energy will be credited to the **off-peak time block**, and any ultimate net excess will roll over to the next month's bill. Same process would be used to set off consumption in the subsequent billing cycles.

(iv) The excess electricity at the end of settlement period is to be settled with the **Reference Rate**. The beginning of each settlement period i.e., April, the carried forward electricity shall be zero.

Applicability of other charges

Banking charges, wheeling charges, cross subsidy surcharge, and additional surcharge are exempted for the quantum of electricity generated.

B. <u>Net Billing</u>

Net Billing is a mechanism whereby the monetary value of the exported energy by the prosumer to the grid is deducted from the monetary value of the imported energy by the consumer from the Grid.

Here, the monetary value of the exported energy is calculated based on the **Reference Rate** and; the monetary value of the imported energy is calculated based on the applicable tariff of the category of consumer.

Consumers having pending arrears with MePDCL shall not be eligible to install DRES. In case there is a dispute between MePDCL and the consumer, the consumer has to clear the disputed amount before installing DRES.

The minimum capacity is 1 kW and the maximum capacity shall not exceed the sanctioned load or contract demand of the prosumer or 500 kW, whichever is lower.

The prosumer shall be responsible for safe operation, maintenance and rectification of any defect of the DRES up to the point of bidirectional meter, beyond which the responsibility of safe operation, maintenance and rectification of any defect in the system, including the bidirectional meter, shall be that of MePDCL.

The interconnection point shall be at the prosumer side of the bidirectional meter.

Energy Accounting

(a) Forward Power Flow Relay is to be installed by the Consumer/Prosumer to ensure that energy injected into the grid from DRES should not exceed beyond the permitted capacity.

(b) Meter reading of bi-directional meter and generation meter to be carried out according to the regular billing cycle.

(c) MePDCL will accept the power as per the useful life of the DRES unless the prosumer ceases to be a consumer of MePDCL or DRES is abandoned earlier.

(d) For each billing cycle, the following information is to be made available on the bill to consumer:

- DRES generation recorded in the generation meter in the billing period;
- Electricity injected by DRES in the grid in the billing cycle, including opening and closing balance;
- Electricity supplied by MePDCL in the billing cycle, including opening and closing balance;
- Quantum of energy injected into/drawn from the Grid;
- Renewable Energy generation units used by MePDCL for RPO compliance;

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(e) The energy generated by the DRES shall be first used for self-consumption by the prosumer.

(f) The surplus energy injected into the Grid or energy drawn from the Grid is to be billed as per following equation:

Energy Bill of consumer = Fixed Charges + Other applicable charges and levies + ((E_{DL} – Open Access Quantum) × T_{RST}) - (E_{RE} × T_{RR}) – Billing Credit (carry forward from last billing cycle);

Where:

- Fixed Charges means the Fixed/Demand Charges as applicable to the consumer category as per the applicable retail supply Tariff Order;
- Other charges and levies mean any other charges such as duties and taxes, cess, etc.;
- E_{DL} means the energy drawn from the Grid by the prosumer.
- T_{RST} means the applicable tariff of the concerned consumer category.
- E_{RE} means the energy injected into the Grid by the prosumer.
- T_{RR} means Reference rate.
- Billing Credit is credit available from previous months.

(g) If the cumulative credit amount (monetary value of the exported energy) exceeds the debit amount (monetary value of the imported energy) during any billing cycle, the net credit amount is carried over to the next billing cycle. At the end of a settlement period the net credit balance (if any) shall be paid by MePDCL to the eligible consumer.

Applicability of other charges

Banking charges, wheeling charges, cross subsidy surcharge, and additional surcharge are exempted for the quantum of electricity generated.

C. Gross Metering

Gross metering is permitted to all eligible consumers who opt to sell all energy generated by DRES to MePDCL by injecting the entire generation into the distribution grid.

In Gross Metering total energy generated from DRES of a consumer and the total energy consumed by the consumer are accounted separately through generation meter and bi-directional meter respectively. The total energy consumed by the consumer is calculated at the applicable tariff of the category of consumer and total energy generated by DRES is based on the **Reference Rate**.

The capital expenditure on account of Service Line cum Development (SLD) and network augmentations in cases where the proposed DRES system is higher than sanctioned load or contract demand or the proposed DRES plant is set up in a separate premise, shall have to be borne by the consumer.

Consumers having pending arrears with MePDCL shall not ~~be~~ eligible to install DRES. In case there is a dispute between MePDCL and the consumer, the consumer has to clear the disputed amount before installing DRES.

The maximum capacity of DRES that can be set up under gross metering mechanism shall be 10 MW.

The prosumer shall be responsible for safe operation, maintenance and rectification of any defect of the DRES up to the point of generation meter.

The interconnection point shall be at the DRES side of the Generation meter.

Location of the DRES

The DRES plant to be located in the consumer/prosumer premises.

OR

If an applicant wishes to install DRES in an area which is not within the premises of the consumer, he can do so by obtaining separate connectivity, expense of which is to be borne by the consumer.

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Energy Accounting

(a) MePDCL shall undertake meter reading of both the generation meter and the consumer meter according to regular billing cycle.

(b) MePDCL shall purchase the entire energy generated from the DRES system at the **Reference Rate.**

(c) The energy supplied by MePDCL shall be billed as per the applicable tariff for the respective category of consumers.

(d) For each billing cycle, the following information is to be made available on the bill to consumer:

- DRES generation recorded in the generation meter in the billing period;
- Quantum of electricity units consumed by the Consumer in the billing cycle, including opening and closing balance;
- Credited amount towards payment of energy supplied to MePDCL, if any, in the billing period, showing opening and closing balance;
- Renewable Energy generation units used by MePDCL for RPO compliance.

(e) MePDCL shall prepare a net bill comprising the amount payable by MePDCL as per Serial (b) above and amount payable by the consumer as per Serial (c) as above for each billing cycle:

(f) In case the net bill amount for a billing cycle is payable by the consumer, then the same shall be paid by the consumer within the due date of the bill.

And

In case, if net bill amount for a billing cycle is payable by MePDCL, then the same shall be paid to the consumers within the due date or shall be carried forward to the next billing cycle.

(g) In case of carry forward to next billing cycle, the credited carry forward amount payable by MePDCL shall be paid to the consumers at the end of each settlement period.

Applicability of other charges

Banking charges, wheeling charges, cross subsidy surcharge, and additional surcharge are exempted for the quantum of electricity generated.

D. Group Net Metering

Group Net Metering means an arrangement whereby surplus energy from a DRES is exported to the grid and the exported energy is adjusted in more than one electricity service connection(s) of the same name and same category of consumer, located within the area of MePDCL.

Consumers having pending arrears with MePDCL shall not be eligible to install DRES. In case there is a dispute between MePDCL and the consumer, the consumer has to clear the disputed amount before installing DRES.

The minimum capacity of DRES that can be set up under group net metering mechanism shall be 5 kW, while the maximum capacity shall not exceed the combined sanctioned load or contract demand of all the participating service connections.

The DRES plant to be located in the consumer/prosumer premises at one of his service connection locations.

The prosumer shall be responsible for safe operation, maintenance and rectification of any defect of the DRES up to the point of bidirectional meter, beyond which the responsibility of safe operation, maintenance and rectification of any defect in the system, including the bidirectional meter, shall be that of MePDCL.

The interconnection point shall be at the prosumer side of the bidirectional meter.

Energy Accounting

(a) Forward Power Flow Relay is to be installed by the Consumer/Prosumer to ensure that energy injected into the grid from DRES should not exceed beyond the permitted capacity.

(b) Meter reading of bi-directional meter to be carried out according to the regular billing cycle. The reading at the generation points and the consumer's installations shall be carried out on the same date.

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(c) The energy generated from DRES shall be credited in the electricity bill of each participating connection(s), for each billing cycle, as per the priority list indicated in the connectivity agreement executed with MePDCL. The sequence of priority shall begin with the service connection where the DRES is located.

(d) If the exported units during any billing cycle exceed the import units, the 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.

(e) The priority list may be revised by the consumer once at the beginning of each financial year with an advance notice of three months.

(f) 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 DRES is located.
- The 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.
- However, if the consumers in the list are TOD consumers, the surplus generation/ Energy Credits will be adjusted during the off-peak time block and for the Non-ToD Consumer in the normal time block.

(g) During any billing cycle, if the export of units either in peak or off-peak hours exceeds the import of units then the surplus units injected by the consumer shall be carried forward to the next billing cycle as energy credit, which will be adjusted in subsequent billing cycles within the **Settlement Period** as per the priority list

(h) The unadjusted net credited units of electricity as at the end of each financial year shall be purchased by MePDCL at the **Reference Rate,** and accordingly the cumulative energy will be re-set to zero at the beginning of each Settlement Period.

(i) The service connection where DRES is located, shall consume at least 20% of total energy generated by DRES. The equivalent units (out of 20% of generated RE power), which are not consumed at source connections, shall be considered as lapsed energy.

Applicability of other charges

(a) If the DRES and other participating service connections are connected on the same DTL / same feeder no charges shall be applicable.

(b) If the other participating service connections and the DRES are not connected to the same DTL/ same feeder, all charges along with applicable losses (except cross subsidy surcharge and additional surcharge) in accordance with Green Energy Open Access Regulations / Open Access Regulations shall be applicable.

(c) The capital expenditure on account of Service Line cum Development (SLD) and network augmentations towards DRES shall be borne by the participating service connections.

(d) In case of defective/failure/burnt condition of any meter, the prosumer shall report the failure to MePDCL in the specified format. MePDCL shall replace the meter as specified in the Electricity Supply Code. The electricity generated by the DRES during the period in which the meter is defective shall be computed on **Normative** basis.

E. <u>Virtual Net Metering</u>

Virtual Net Metering means an arrangement whereby the entire energy generated from a DRES is exported to the grid and the energy exported is adjusted in more than one electricity service connection(s) of the participating consumers belonging to the same consumer category located within the area of supply of MePDCL.

Consumers having pending arrears with MePDCL shall not be eligible to install DRES. In case there is a dispute between MePDCL and the consumer, the consumer has to clear the disputed amount before installing DRES.

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The minimum capacity of DRES that can be set up under virtual net metering mechanism shall be 5 kW, while the maximum capacity shall not exceed the combined sanctioned load or contract demand of all the participating consumers.
The prosumer shall be responsible for safe operation, maintenance and rectification of any defect of the DRES up to the point of generation meter.
The unadjusted net credited units of electricity as at the end of each financial year shall be purchased by MePDCL at the **Reference Rate**, at the beginning of each **Settlement Period** and accordingly, the cumulative quantum of injected electricity carried forward will be re-set to zero.
The interconnection point shall be at the DRES side of the Generation meter.
The DRES plant to be located in the consumer/prosumer premises or any other location.

Energy Accounting

(a) Forward Power Flow Relay is to be installed by the Consumer/Prosumer to ensure that energy injected into the grid from DRES should not exceed beyond the permitted capacity.
(b) MePDCL shall undertake meter reading of the Generation Meter as per regular billing cycle. The readings of the installations of the participating consumer(s) shall also be carried out on the same date i.e. Generation Meter reading date.
(c) The energy generated from the DRES shall be credited in the monthly electricity bill of each participating consumer(s) as per the ratio of procurement from DRES indicated under the agreement/MoU entered by the Consumer (s) and submitted to MePDCL.
(d) The Consumer(s) shall have the option to change the share of credit of electricity from DRES by submitting a fresh agreement/MoU subject to the ratio of procurement from DRES indicated under the agreement/MoU entered by the Consumer(s) once at the beginning of the financial year with an advance notice of three months.
(e) Where the service connection of any participating consumer(s) is disconnected due to any reason, the unadjusted units/remaining credits of that consumer(s) shall be paid by MePDCL at the end of the financial year.
(f) 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.
- However, any surplus generation/ Energy Credits over the consumption will be adjusted during the off-peak time block if the consumers are TOD consumers and in the normal time block for the Non-ToD Consumers.

(g) If the units credited during any billing cycle of any participating consumer exceeds the import of units by that consumer, such surplus credited units shall be carried forward in the next billing cycle as energy credits for adjustment against the energy consumed in subsequent billing cycles within the **Settlement Period** of each participating Consumer(s).

Applicability of other charges

(a) If the DRES and participating consumers are connected on the same DTL / same feeder, no charges shall be applicable.
(b) If the other participating service connections and the DRES are not connected to the same DTL/ same feeder, all charges along with applicable losses in accordance with Green Energy Open Access Regulations / Open Access Regulations shall be applicable. (c) The capital expenditure on account of Service Line cum Development (SLD) and network augmentations towards DRES shall be borne by the participating consumers.
(c) In case of defective/failure/burnt condition of any meter, the prosumer shall report the failure to MePDCL in the specified format. MePDCL shall replace the meter as specified in the Electricity Supply Code. The electricity generated by the DRES during the period in which the meter is defective shall be computed on **Normative**[6] basis.

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F. Behind the Meter

Behind the Meter means an arrangement in which the Distributed Renewable Energy System is connected behind the consumer's meter, operating in parallel with the MePDCL grid, and not opting for any other metering or billing arrangement options. The consumer will set up DRES for the self-consumption and not sell electricity generated to MePDCL.

Consumers having pending arrears with MePDCL shall not be eligible to install DRES. In case there is a dispute between MePDCL and the consumer, the consumer has to clear the disputed amount before installing DRES.

All Consumer categories will be allowed to opt for behind the meter mechanism only after prior intimation to MePDCL.

The minimum capacity of DRES that can be set up behind the meter mechanism shall be 1 kW, while the maximum capacity shall not exceed the sanctioned load or contract demand of the prosumer.

The prosumer shall be responsible for safe operation, maintenance and rectification of any defect of the DRES up to the point of generation meter.

Conditions to be followed by the prosumer

(a) Reverse Power Flow Relay is to be installed by the Consumer/Prosumer to ensure that no energy is injected into the grid from DRES installed Behind the Meter.

(b) The consumer may set up DRES, Behind the Meter mechanism, for the self-consumption and not sell electricity generated by DRES to MePDCL.

(c) Any quantum of energy injected by such DRES connected behind the Consumer's meter shall be considered as inadvertent injection and shall neither be paid for nor settled by MePDCL, instead penalty shall be levied on such inadvertent injection as determined by the Commission.

(d) The Consumer shall be responsible for ensuring that all necessary safeguarding measures as specified by CEA are taken.

(e) Prior intimation to be given to MePDCL for operating under this mechanism.

(f) In case, the Consumer installs DRES without prior intimation, the consumer shall have to intimate about the same to the respective distribution sub-division within a timeframe of three months. Failure to intimate within stipulated timeframe shall attract one time penalty of Rs1000/kW of installed DRES capacity or as determined by the Commission.

Applicability of other charges

The quantum of electricity generated from the self-owned or the RESCO owned DRES under behind the metering arrangement, if installed on Eligible Consumer premises shall be exempted from banking charges, wheeling charges, cross subsidy surcharge, and additional surcharge.

In case of defective/failure/burnt condition of any meter, the prosumer shall report the failure to MePDCL in the specified format. MePDCL shall replace the meter as specified in the Electricity Supply Code. The electricity generated by the DRES during the period in which the meter is defective shall be computed on **normative** basis.

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