

Republic of the Philippines
ENERGY REGULATORY COMMISSION
Pasig City

RESOLUTION NO. 15, SERIES OF 2025

**A RESOLUTION AMENDING ERC RESOLUTION NO. 6,
SERIES OF 2019, ENTITLED "A RESOLUTION ADOPTING
THE AMENDMENTS TO THE RULES ENABLING THE NET-
METERING PROGRAM FOR RENEWABLE ENERGY"**

WHEREAS, it is the policy of the state to accelerate the exploration and development of renewable energy resources, increase their utilization, and establish the necessary infrastructure and mechanisms;

WHEREAS, Section 10 of Republic Act No. 9513 (R.A. 9513), entitled "*An Act Promoting the Development, Utilization and Commercialization of Renewable Energy Resources and for Other Purposes,*" and Section 7 of its Implementing Rules and Regulations (IRR), mandate the Energy Regulatory Commission (ERC), in consultation with the National Renewable Energy Board (NREB), to establish, within one (1) year from effectivity of the Act, the net-metering interconnection standards and pricing methodology and other commercial arrangements necessary to ensure the success of the Net-Metering Program for renewable energy;

WHEREAS, Section 10 of R.A. 9513 further provides that the Department of Energy (DOE), the ERC, the National Transmission Corporation (TransCo) or its successors-in-interest, Distribution Utilities (DUs), the Philippine Electricity Market Corporation (PEMC) and all relevant parties shall provide the mechanism for the physical connection and commercial arrangements necessary to ensure the success of the Program, consistent with the Philippine Grid Code (PGC) and the Philippine Distribution Code (PDC);

WHEREAS, on 27 May 2013, the ERC issued Resolution No. 9, Series of 2013, *A Resolution Adopting the Rules Enabling the Net-Metering Program* and was published in the Daily Tribune on 09 July 2013, and became effective on 24 July 2013;

WHEREAS, due to a rapidly evolving nature of RE technologies and to increase participation, on 16 August 2019, the ERC issued Resolution No. 6, Series of 2019, entitled *A Resolution Adopting the Amendments to the Rules Enabling the Net-Metering Program for Renewable Energy* or the Amended Net-Metering Rules;

WHEREAS, after the effectivity of the Amended Net-Metering Rules, there were issues raised by several stakeholders;

WHEREAS, on 17 November 2020, the ERC issued Resolution No. 5, Series of 2020, *A Resolution Clarifying ERC Resolution No. 6, Series of 2019, entitled "A Resolution Adopting the Amendments to the Rules Enabling the Net-Metering Program for Renewable Energy,"* clarifying the following areas:

- A. Definition of good credit standing;
- B. Cost of installation and location of the Renewable Energy Certificate (REC) Meter;
- C. Location of the REC Meter; and
- D. Meter ownership;

WHEREAS, on 22 October 2020, the DOE issued Department Circular No. DC2020-10-0022, *Prescribing the Policies to Enhance the Net-Metering Program for Renewable Energy System;*

WHEREAS, DC2020-10-0022 prescribes the following policies and guidelines to provide complementary enhancement to the Net-Metering program:

- A. Implementation of the period of one (1) year for the banking of Net-Metering credits for existing and new applications;
- B. Application to Off-Grid or Island Grid Systems;
- C. Publication of the DUs Net-Metering Program including their respective hosting capacities of Distribution Systems for Net-Metering purposes; and
- D. Development of a Net-Metering Guidebook that aims to prescribe the guidelines and procedures for Net-Metering arrangements from offer to after-sales services by the Net-Metering installers and practitioners, as well as prescribing the minimum standards for all Net-Metering installations, in collaboration with all concerned government agencies;

WHEREAS, on 19 August 2024, the DOE issued Department Circular No. DC2024-08-0025, entitled *Prescribing Further Policies to Enhance the Net-Metering Program for Renewable Energy Systems Amending, for this Purpose, Department Circular (DC) No. DC2020-10-0022;*

WHEREAS, Section 1.c of DC2024-08-0025 amended the threshold capacity of net-metering installations based on the capacity limit provided under R.A. No. 9513;

WHEREAS, Section 1.d of the same DC provides that all net-metering credits may be banked, rolled-over and credited to the End-user's electricity consumption;

WHEREAS, Section 2 of DC2024-08-0025 further provides that REC meter shall no longer be required subsequent to the ERC's issuance of a methodology for computing or estimating the energy or generation out of the Net-Metering facility;

WHEREAS, given the above policies of the DOE to enhance the net-metering program, the Commission deemed it proper to amend its Rules, to be consistent with the DOE policies;

WHEREAS, on 10 January 2025, the Commission posted on its official website www.erc.gov.ph the *Notice* directing all interested parties to submit, on or before 17 January 2025, their comments on the Resolution Amending ERC Resolution No. 6, Series of 2019, entitled "*A Resolution Adopting the Amendments to the Rules Enabling the NetMetering Program for Renewable Energy*" under ERC Case No. 2025-002 RM, and setting the public consultations on 24 and 27 January 2025;

WHEREAS, in response to the Notice dated 10 January 2025, the following stakeholders submitted their comments on the draft amendments to the Net-Metering Rules: (1) WEnergy Power Pilipinas, Inc. (WPPI); (2) FGEN Power Economics; (3) Aboitiz Power Corporation; (4) Center for Renewable Energy and Sustainable Technology (CREST); (5) Institute of Integrated Electrical Engineers of the Philippines, Inc. (IIEE); (6) Manila Electric Company (MERALCO); (7) SunTech Power; (8) Philippine Solar and Storage Energy Alliance Association (PSSEA); (9) Costbusters Philippines Corporation; (10) Feasible Energy Consultancy (FEC); (11) Tarlac Electric, Inc. (TEI); and (12) DOE;

WHEREAS, on 24 and 27 January 2025, the public consultations were held, as scheduled;

NOW THEREFORE, the Commission, after thorough deliberation, hereby **RESOLVES**, to **APPROVE** and **ADOPT**, the "**2025 Amended Rules Enabling the Net-Metering Program for Renewable Energy**," hereto attached as Annex A, including the following Annexes, all of which are made an integral part hereof:

- A. Annex A-2.1 – Amended Net-Metering Agreement Template for *With REC Meter*;
- B. Annex A-2.2 – Amended Net-Metering Agreement Template for *No REC Meter*;
- C. Annex 4 - Affidavit and Waiver Template; and
- D. Annex 5 – Hosting Capacity Template.

This Resolution shall take effect fifteen (15) days following its complete publication in a newspaper of general circulation in the country or in the Official Gazette, whichever comes earlier.

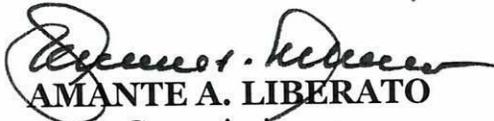
Let copies of this Resolution be furnished to the University of the Philippines Law Center – Office of the National Administrative Register (UPLC-ONAR) and all parties concerned.

Pasig City.


FRANCIS SATURNINO C. JUAN
Chairperson and CEO


FLORESINDA G. BALDO-DIGAL
Commissioner


MARKO ROMEO L. FUENTES
Commissioner


AMANTE A. LIBERATO
Commissioner


PARIS G. REAL
Commissioner


MOS:FIT/JGC/SOM

*Deliberated during the Commission Meeting held on 13 August 2025.

**AMENDED RULES ENABLING THE NET-METERING
PROGRAM FOR RENEWABLE ENERGY¹**

ARTICLE I - GENERAL PROVISIONS

Section 1. Net-Metering for Renewable Energy. Subject to technical considerations and without discrimination, and upon request by distribution end-users, the Distribution Utilities (DUs) shall enter into Net-Metering agreements with qualified end-users who will be installing Renewable Energy (RE) system.

Section 2. Purpose. These Rules seek to:

- a) Encourage end-users to participate in renewable electricity generation;
- b) Enable data gathering for the creation of a knowledge-based resource on net-metering and enhance or accelerate viability of the net-metering program and its successful integration to the grid;
- c) Facilitate, through the use of the data gathered, the conduct of efficient and cost effective energy planning;
- d) Allow local players to gain actual experience in installing RE systems for net-metering application under local conditions; and
- e) Simplify permitting procedures and reduce installation soft costs for renewable energy facilities.

Section 3. Applicability. These Rules shall be applicable to On-Grid RE Systems.

Section 4. Definition of Terms. As used in these Rules, the following terms shall have the following meaning:

- (a) **Bi-directional Meter** refers to a meter capable of recording both import and export energy.
- (b) **Department of Energy (DOE)** refers to, as defined in Section 4(e) of Republic Act No. 9513, the government agency created pursuant to Republic Act No. 7638 whose functions are expanded in Republic Act No. 9136 and further expanded in Republic Act No. 9513.
- (c) **Distributed Generation** refers to a system of small generation entities supplying directly to the distribution grid, any one of

¹ All amendments are UNDERLINED and written in BOLD ITALICS.

which shall not exceed one hundred kilowatts (100 kW) in capacity, as defined in Section 4(j) of Republic Act No. 9513.

- (d) **Distribution System** refers to the system of wires and associated facilities belonging to a franchised distribution utility extending between the delivery points on the transmission or sub-transmission system or generator connection and the point of connection to the premises of the end-user, as defined in Section 4(o) of Republic Act No. 9136.
- (e) **Distribution Services and Open Access Rules (DSOAR)** refers to the Rules promulgated by the Energy Regulatory Commission under ERC Resolution No. 2, Series of 2010 including any subsequent amendment thereto, covering, among others, the terms and conditions for the connection of generating facilities to the Distribution System.
- (f) **Distribution Utility (DU)** refers to any electric cooperative, private corporation, government-owned utility or existing local government unit which has an exclusive franchise to operate a Distribution System in accordance with its franchise and R.A. No. 9136, as defined in Section 4(l) of Republic Act No. 9513.
- (g) **Energy Regulatory Commission (ERC)** refers to the independent quasi-judicial regulatory agency created pursuant to Republic Act No. 9136, as defined in Section 4(n) of Republic Act No. 9513.
- (h) **End-User** refers to any person or entity requiring the supply and delivery of electricity for its own use, as defined in Section 4(t) of Republic Act No. 9136.
- (i) **Export Energy** refers to the energy exported or delivered by the Qualified End-User to the Grid/Distribution System.
- (j) **Import Energy** refers to the energy imported or received by the Qualified End-User from the Grid/Distribution System.
- (k) **Lifeline Rate** refers to the subsidized rate given to low-income Captive Market End-users who cannot afford to pay at full cost as defined in Section 4(hh) of Republic Act No. 9136.
- (l) **Lifeline Subsidy Rate** refers to the rate charged to non-lifeline customers to cover for the lifeline discount provided to marginalized/low income captive market end-users.
- (m) **Metering Service Provider (MSP)** refers to a person or entity authorized by ERC to provide Metering Services as defined in the Distribution Services and Open Access Rules (DSOAR).

- (n) **National Power Corporation (NPC)** refers to the government corporation created under Republic Act No. 6395 as amended by Republic Act No. 9136, as defined in Section 4(ee) of Republic Act No. 9513.
- (o) **National Renewable Energy Board (NREB)** refers to the board created under Republic Act No. 9513 tasked under Section 10 thereof to recommend to ERC the establishment of net-metering interconnection standards, pricing methodology and other commercial arrangements necessary to ensure success of the net-metering for renewable energy program.
- (p) **National Transmission Corporation (TRANSCO)** refers to the corporation created pursuant to Republic Act No. 9136 responsible for the planning, construction and centralized operation and maintenance of high voltage transmission facilities, including interconnection and ancillary services, as defined in Section 4(ff) of Republic Act No. 9513.
- (q) **Net-Metering** refers to a system, appropriate for distributed generation, in which a distribution grid user has a two-way connection to the grid and is only charged for his net electricity consumption and is credited for any overall contribution, as defined in Section 4 (gg) of R.A. 9513.
- (r) **Net-Metering Agreement (NMA)** refers to the agreement between a Qualified End-User (QE) and the DU governing the commercial and interconnection arrangements between the DU and the QE.
- (s) **Net-Metering Credit refers to an amount in peso from net energy exported into the Distribution System by a Qualified End-User.**
- (t) **Net-Metering Interconnection Standards** *refer* to the set of requirements and procedures to ensure safe, reliable and efficient connection of QE's RE system, and its operation thereof in parallel to the Distribution System.
- (u) **Net-Metering Ready** refers to a building or housing units which have been installed with eligible RE system, as provided in Section 22 herein.
- (v) **New Customer** refers to any person or entity that does not have any existing account with a particular DU.
- (w) **New Housing Development** refers to a group of individual dwellings or apartment houses typically of similar design that are usually built and sold or leased by management.

- (x) **On-Grid Systems** refer to electrical systems composed of interconnected transmission lines, distribution lines, substations and related facilities for the purpose of conveyance of bulk power on the grid of the Philippines, as defined in Section 4(kk) of Republic Act No. 9513.
- (y) **Philippine Distribution Code (PDC)** refers to the set of Rules, requirements, procedures and standards governing DUs and Users of Distribution System in the operation, maintenance and development of the Distribution System. It also defines and establishes the relationship of the Distribution System with the facilities or installations of the parties connected thereto.
- (z) **Philippine Electrical Code (PEC)** refers to the electrical safety code that establishes basic materials quality and electrical work standards for the safe use of electricity for light, heat, power, communications, signaling, and for other purposes.
- (aa) **Philippine Electricity Market Corporation (PEMC)** refers to the corporation incorporated upon the initiative of the DOE, which administers and governs the operation of the Wholesale Electricity Spot Market (WESM).
- (bb) **Qualified End-Users (QE)** *refer* to entities that generate electric power from an eligible on-site RE generating facility, such as, but not limited to, house or office building with photovoltaic system that can be connected to the grid, for the purposes of entering into a Net-Metering agreement, as defined in Section 7 of the Implementing Rules and Regulations of R.A. 9513.
- (cc) **Renewable Energy (RE) Certificate** refers to a certificate issued by the RE Registrar to **Mandated Participants of the RPS showing the energy sourced, produced, and sold or used from the Eligible RE Systems.**
- (dd) **Renewable Energy Certificate (REC) meter** refers to the kilowatt-hour meter that measures the gross electricity generation from eligible RE system with type approval from ERC.
- (ee) **Renewable Energy Market (REM)** refers to the market where the trading of RE Certificates equivalent to an amount of power generated from RE Resources is made, as defined in Section 4(qq) of Republic Act No. 9513.
- (ff) **Renewable Energy Resources (RE Resources)** refer to energy resources that do not have an upper limit on the total quantity to be used. Such resources are renewable on a regular

basis, and whose renewal rate is relatively rapid to consider availability over an indefinite period of time. These include, among others, biomass, solar, wind, geothermal, ocean energy, and hydropower conforming with internationally accepted norms and standards on dams, and other emerging renewable energy technologies, as defined in Section 4(uu) of Republic Act No. 9513.

- (gg) **Renewable Portfolio Standards (RPS)** refer to a market-based policy that requires electric power industry participants, including suppliers, to source a portion of their energy supply from eligible RE Resources, as defined in Section 4(ss) of Republic Act No. 9513.
- (hh) **Renewable Energy Systems (RE Systems)** refer to energy systems which convert RE resources into useful energy forms, like electrical, mechanical, etc., as defined in Section 4(vv) of Republic Act No. 9513.
- (ii) **Senior Citizen Subsidy Rate** refers to the rate charged to non-senior citizen customers to cover for the discount given to senior citizens pursuant to ERC Resolution 23, Series of 2010, “A Resolution Adopting the Rules Implementing the Discounts to Qualified Senior Citizen End-Users and Subsidy from the Subsidizing End-Users on Electricity Consumption under Sections 4 and 5 of Republic Act No. 9994.”

ARTICLE II - QUALIFICATIONS AND ELIGIBILITY

Section 5. Qualifications. All end-users who are in good credit standing in the payment of their electric bills to the DU; and new customers are qualified to participate in the Net-Metering program for Renewable Energy.

Section 6. Eligible RE Technologies. RE Systems such as wind, solar, run-of river hydropower, biomass energy systems or such other RE Systems capable of being installed within the QE's premises, with or without battery, are eligible to participate in the Net-Metering program.

Section 7. Certificate of Compliance (COC). All QEs shall apply for a COC ***in accordance with ERC Resolution No. 17, Series of 2023, “A Resolution Adopting the 2023 Revised Rules for the Issuance of Certificates of Compliance for Generation Facilities,”*** and any subsequent amendment thereto.

To simplify and facilitate the process, the DU shall assist the QE in their COC application. The DU shall receive and transmit to ERC all documents related to the application, including the Net Metering Agreement (NMA) entered into in accordance with Section 12 hereof, within five (5) days from its execution. The DU shall, thereafter, inform the applicant of the ERC's action.

ARTICLE III – INTERCONNECTION STANDARDS

Section 8. Mandated Entities. As provided in Section 10 of Republic Act No. 9513, the DOE, ERC, TransCo or its successor-in-interest, DUs, PEMC, and all relevant parties are mandated to provide the mechanisms for the physical connection and commercial arrangements necessary to ensure the success of the net-metering for renewable energy program, consistent with the Philippine Grid and Distribution Codes.

The DUs and the QEs shall grant ERC, DOE, and NREB free access to all data generated by net-metering to enable the creation of a knowledge-based resource on net-metering, and enhance or accelerate viability of the net-metering program and successful integration to the grid.

Section 9. Compliance Standards. The RE System to be installed within the QE's premises must be compliant with the standards set by the Philippine Electrical Code (PEC), Philippine Distribution Code (PDC), Distribution Service Open Access Rules (DSOAR) and the Net-Metering Interconnection Standards (See Annex "A-1").

Section 10. Interconnection Set-Up. The RE system shall be embedded in the QE's premises and shall be equipped with appropriate metering equipment. The DU shall furnish and install a bi-directional meter at the QE's premises, without prejudice to the DU's compliance with the Commission's Decision under ERC Case No. 2015-001 RM, entitled "In the Matter of the Petition to Adopt the Proposed Rules to Govern the Installation and Use of Smart Revenue Meters for Advanced Metering Infrastructure (AMI) System Application And Pertinent Functionalities," promulgated on 18 May 2016, and other relevant Rules as may be promulgated by the Commission.

All bi-directional meters and its installation shall be at the expense of the DU, except in the case of End-Users who wish to install an RE facility in their premises. In such cases, the difference in

cost between the old meter and the new bi-directional meter shall be borne by the End-User.

The cost of an REC meter and its installation shall be shouldered by the DU, while the wiring cost from the facility to the REC meter shall be shouldered by the QE.

The DU shall **compute the RECs generated from the RE System based on Section 19 hereof**, for compliance with the Renewable Portfolio Standards (RPS) and **derive** the actual energy consumption for the determination of the following:

- (a) non-exemption from payment of the lifeline subsidy rate;
- (b) payment of senior citizen subsidy rate; and
- (c) other relevant subsidies mandated by law.

The location of the above-mentioned meters shall be in accordance with Section 7.2.2 of the 2017 Philippine Distribution Code, and any subsequent amendment thereto.

Section 11. DU Inspection. The QE shall allow the DU to access the QE's RE system to inspect, test, maintain and operate the protective devices and read or test the meters and other facilities, provided that the QE was given a notice in writing at least three (3) days before the DU's intended date to enter the premises.

The DU, upon the same notice requirement as stated above, may limit the operation and/or disconnect, or require the disconnection of a QE's RE system from the DU's Distribution System under the following circumstances:

- (a) Routine maintenance, repairs or modification of the DU's Distribution System;
- (b) Upon determination by the DU that a QE's RE system is not compliant with the DSOAR and the PDC; and
- (c) Upon termination of the Agreement.

However, in cases of emergency where the DU reasonably believes that a hazardous condition exists which may warrant such limiting of the operations and/or disconnection to ensure public safety, only a reasonable notice to the QE is required.

ARTICLE IV – COMMERCIAL ARRANGEMENTS

Section 12. Net-Metering Agreement. Subject to technical considerations and without discrimination, and upon request by a QE, the DU shall enter into a Net-Metering Agreement (NMA) with the requesting QE using the ERC-approved template, ***specifically Annex “A-2.1” if with REC meter installation, or Annex “A-2.2” if with no REC meter.*** Notwithstanding its transmittal to the ERC, as a requirement for the application of the COC, the DU shall likewise furnish the DOE and NREB with a copy of the executed NMA within the same period provided in Section 7 hereof. The executed NMA shall be deemed effective upon submission thereof to ERC; however, billing shall retroact from the time of successful testing and commissioning.

Should the DU deviate from the ERC-approved template, a separate approval from the ERC is necessary. Pending such approval, the ERC-approved template shall be used.

Any modification to an existing RE system shall require the QE to undergo the same process as that of a new customer.

Section 13. Pricing Methodology. The price of export electricity shall be the DU’s monthly generation charge, which is based on its blended generation cost, excluding other generation adjustments.

Section 14. Non-Exemption. Unless otherwise provided under Section 17 of RA 9513 and except those who are qualified to avail of the Lifeline Rate and Senior Citizen Subsidy, all QEs shall still be required to pay the Lifeline Subsidy Rate, Senior Citizen Subsidy Rate and other relevant subsidies, based on the QE’s actual energy consumption. Actual energy consumption shall include import energy and own-use.

Section 15. Entitlement to the Lifeline Rate. Consistent with Section 73 of the EPIRA and RA 10150, a QE may be entitled to the Lifeline Rate in the following instances:

- (a) If its actual energy consumption falls within the threshold of the DU’s Lifeline Program; or
- (b) If its import energy falls within the threshold of the DU’s Lifeline Program and the QE was able to provide any of the following documents:

- i. Certification from the National Household Targeting System for Poverty Reduction (NHTS-PR) of the Department of Social Welfare and Development (DSWD) that the QE belongs to the Pantawid Pamilyang Pilipino Program (4Ps);
- ii. A certified true copy of the License to Sell issued by the **Department of Human Settlements and Urban Development (DHSUD)** to the housing developer, and a copy of the contract between the housing developer and the homeowner indicating that the specific lot location is part of the socialized or economic housing development; Provided that the owner is the occupant of the socialized or economic housing unit; or
- iii. Three consecutive billing statements showing that the QE was already enjoying the lifeline rate prior to entering into a Net Metering Agreement.

Should the QE consistently exceed the threshold of the DU's lifeline program for twelve (12) consecutive billing periods, the QE shall no longer be entitled to the lifeline rate under this exception.

Section 16. Cost Recovery of Net-Metering Agreements. The cost of RE exported to the DU system and purchased by the DU under the NMA shall automatically be included in the DU's total generation cost to be recovered from all DU customers as part of the adjusted generation rate pursuant to Section 2, Article 2 of ERC Resolution No. 16, Series of 2009, including any subsequent amendment thereto.

Section 17. Conduct of Distribution Impact Study (DIS). The DU shall determine, in a non-discriminatory basis, whether a specific DIS is necessary, to ensure the reliability and safety of the interconnection of the RE system and the Distribution System. There will be no additional charges that will be imposed on the QE for the conduct of the DIS.

Section 18. Billing Charges. The net amount payable by or creditable to the QE shall be obtained by subtracting from the subtotal amount for import energy, the following: (a) the subtotal peso amount for export energy, and (b) the peso amount credited in the previous month, if any. If the resulting peso amount is positive, the QE shall pay this positive peso amount to the DU. If the resulting peso amount is

negative, the DU shall credit the negative peso amount to the QE's electric bill in the immediately succeeding billing period.

All the Net-Metering credits shall be banked, rolled-over and credited to the Qualified End-User's electricity consumption based on current and succeeding billing periods, as appropriate.

In case of change in the ownership of the property, including the RE generating facility thereon, the Net-Metering Credits which accrued to the original property owner shall be transferred to the new owner, subject to the compliance of the requirements under the 2023 Revised COC Rules and any subsequent amendments thereto. Such transfer shall also be contingent upon the completion of all requirements of the DU and the execution of all necessary documents, which may include, but not limited to, a new Net-Metering Agreement (NMA) with the concerned DU and a conforme letter from the original owner.

Section 19. RE Certificate. The DU shall be entitled to an RE Certificate resulting from Net-Metering arrangements with the QE who is using an RE Resource to provide energy. Such RE Certificate shall be based on gross generation **as measured through the REC meter** and shall be credited as compliance of the DU's obligations under the RPS. **The installation of the REC meter, however, shall be voluntary. In case of waiver by the QE of installation of REC Meter, the gross generation of the RE Resource shall be computed using the formula or methodology below:**

If the RE Resource is a Solar PV technology:

Generation per Month (in kWh/mo) = Installed PV Capacity (in kWp) × Capacity Factor × DC/AC Ratio × Hours of operation per Month (in hr)

Where:

DC/AC Ratio: 0.7519

Capacity Factors:

Rooftop Solar – 18.05%

Ground-mounted Solar -19.0%

Floating Solar – 18.62%

or

If the RE Resource is Wind, Run-of-River Hydropower, Biomass or other RE capable of being installed in the premises of QE:

Generation per Month (in kWh/mo)= Installed Capacity (in kW) × Capacity Factor × Hours of Operation per Month (in hr)

Where:

Wind - 28.88%

Biomass- 81%

Biomass WTE-93%

ROR Hydro-52.17%

Provided, further, that in case of waiver by the QE of installation of REC Meter, an affidavit and waiver shall be executed by the QE, template of which is hereto attached as Annex A-4.

Section 20. Processing Timeline. All DUs shall complete the whole interconnection process within twenty (20) working days from the receipt of the letter of interest, provided all necessary permits and licenses from various concerned agencies are secured and completed.

Section 21. Reporting. All DUs shall submit a Net-Metering implementation report to the ERC, including the processing timelines of the Net-Metering applications using the ERC-provided reportorial template (See Annex “A-3”). For the first two (2) years of the implementation of this Amended Net-Metering Rules, reports shall be filed semi-annually, not later than January 31st and July 31st of each year, and annually, not later than March 31st of each year.

The DUs shall also publish on their respective websites their Net-Metering programs, application forms, processes, dedicated cellphone contact numbers for net-metering, and related processes. They shall also publish the hosting capacities in a typical distribution transformer (kWac) basis. The publication of hosting capacities shall be done on a quarterly basis.

The aforementioned information shall be presented in the format prescribed by the Commission, hereto attached as Annex A-5.

ARTICLE V - NEW HOUSING DEVELOPMENTS

Section 22. One time conduct of DIS. For New Housing Developments - Upon receipt of the letter of interest from the developer of a Net-Metering-ready housing development, the DU shall conduct a DIS in accordance with Section 16 of *these* rules, provided that all the necessary documents and permits from the different concerned agencies have been submitted.

Section 23. Application. The individual homeowners in housing developments, as provided in Section 22, shall undergo the same application process as in any other QE.

ARTICLE VI – PENALTIES AND OTHER PROVISIONS

Section 24. Penalties.

Failure or unjust refusal of the DU to undertake or implement Net Metering shall be subject to the penalties and other impositions as provided for under Rule 12 Section 36 (a)(2) of the Rules and Regulation Implementing Republic Act No. 9513.

Violation of any provision of these Rules shall also be subject to the imposition of fines and penalties in accordance with the "Guidelines to Govern the Imposition of Administrative Sanctions in the Form of Fines and Penalties Pursuant to Section 46 of the Act" promulgated by the ERC on May 17, 2002, as amended by Resolution No. 03, Series of 2009, entitled "Resolution Amending the Guidelines to Govern the Imposition of Administrative Sanctions in the Form of Fines and Penalties Pursuant to Section 46 of Republic Act No. 9136", dated February 23, 2009, including any subsequent amendments thereto.

Section 25. Miscellaneous Provisions

25.1. Exception. Where good cause appears, the ERC may allow an exemption from any provision of these Rules, if such is found to be in the public interest and is not contrary to law or any other related rules and regulations.

25.2. Separability. If any provision of these Rules is declared invalid or unconstitutional by a court of competent jurisdiction, those

provisions which are not affected thereby shall continue to be in full force and effect.

25.3. Repealing. All prior rules and guidelines or portion thereof issued by the ERC in relation to net metering that are inconsistent with these Rules are hereby repealed or modified accordingly.

25.4. Effectivity. These Rules shall take effect within fifteen (15) days following its complete publication in a newspaper of general circulation or in the Official Gazette.

**AMENDED NET-METERING AGREEMENT
(*With REC Meter*)**

This **Net-Metering Agreement** is entered into by and between:

_____, of legal age,
single/married, with postal address at
_____, hereinafter
referred to as the Qualified End-User (QE);

-and-

_____, an electric
distribution utility duly organized and existing
under Philippine laws, with principal office
address at _____,
franchised to construct, own, operate and
maintain an electric distribution facility in the
city/municipalities/barangays _____ of
_____, all in the
Province of _____,
represented herein by its President/General
Manager _____,
hereinafter referred to as the DU;

WITNESSETH THAT:

WHEREAS, QE intends to install within its premises for purposes of net-metering a Renewable Energy (RE) system, more particularly described as follows:

Technology Type: _____
Rated Capacity: _____
Location: _____

WHEREAS, DU has pre-qualified QE to be eligible to participate in the net-metering program;

NOW, THEREFORE, the parties enter into this net-metering Agreement under the following terms and conditions:

Section 1. Compliance Standards. - The RE System to be installed within the QE's premises must be compliant with the standards set by

the Philippine Electrical Code (PEC), Philippine Distribution Code (PDC), Distribution Service Open Access Rules (DSOAR), and the Net-Metering Interconnection Standards **and any amendment/s thereto;**

Section 2. Interconnection Set-Up. - The RE system shall be embedded in the QE's premises and shall be equipped with appropriate metering equipment.

- a. The DU shall furnish and install a bi-directional meter at the QE's premises, without prejudice to the DU's compliance with the **Commission's Decision under ERC Case No. 2015-001 RM, entitled "In the Matter of the Petition to Adopt the Proposed Rules to Govern the Installation and Use of Smart Revenue Meters for Advanced Metering Infrastructure (AMI) System Application And Pertinent Functionalities,"** promulgated on 18 May 2016, including **any amendment/s thereto,** and other relevant Rules as may be promulgated by the Commission.
- b. **The costs for** all bi-directional meters and its installation shall be at the expense of the **DU,** except in the case of **End-Users, who wish to install an RE facility in their premises. In such cases, the difference in cost between the old meter and the new bi-directional meter shall be borne by the End-User. And the cost of an REC meter and its installation shall be shouldered by the DU; while the wiring cost from the facility to the REC meter shall be shouldered by the QE.**
- c. The DU shall **compute the RECs generated from the RE System based on Section 8 of this Agreement,** for compliance with the Renewable Portfolio Standards (RPS) and **derive** the actual energy consumption for the determination of the following:
 - i. non-exemption from payment of the lifeline subsidy rate;
 - ii. payment of senior citizen subsidy rate; and
 - iii. other relevant subsidies mandated by law.
- d. The location of the above-mentioned meters shall be in accordance with Section 7.2.2 of the 2017 Philippine Distribution Code, and any amendments thereto.

A complete and more detailed plans and specifications of the interconnection set-up and facilities are attached as an integral part of this net-metering Agreement.

Section 3. DU Inspection. - The QE shall allow the DU to access the QE's RE system to inspect, test, maintain, and operate the protective devices and read or test the meters and other facilities, provided that the QE was given a notice in writing at least three (3) days before the DU's intended date to enter the premises.

The DU, upon the same notice requirement as stated above, may limit the operation and/or disconnect, or require the disconnection of a QE's RE system from the DU's Distribution System under the following circumstances:

1. Routine maintenance, repairs, or modification of the DU's Distribution System;
2. Upon determination by the DU that a QE's RE system is not compliant with the DSOAR and the PDC; and
3. Upon termination of the Agreement.

However, in cases of emergency where the DU reasonably believes that a hazardous condition exists which may warrant such limiting of the operations and/or disconnection to ensure public safety, only a reasonable notice to the QE is required.

Section 4. Meter Readings. - The DU shall be the Metering Service Provider and shall conduct the meter reading of the import and export meters every ____ day of the month for billing purposes. The DU shall immediately leave a copy of the results of its meter readings at the QE's premises, in accordance with Section 2.11.2 of the Distribution Services and Open Access Rules (DSOAR).

Section 5. Pricing of Exported Renewable Energy. - The price of export electricity shall be the DU's monthly generation charge, which is based on its blended generation cost, excluding other generation adjustments.

Section 6. Conduct of Distribution Impact Study (DIS). The DU shall determine, on a non-discriminatory basis, whether a specific DIS is necessary to ensure the reliability and safety of the interconnection of the RE system and the Distribution System. There

will be no additional charges imposed on the QE for the conduct of the DIS.

Section 7. Billing Charges. - The net amount payable by or creditable to the QE shall be obtained by subtracting from the subtotal amount for import energy, the following: (a) the subtotal peso amount for export energy, and (b) the peso amount credited in the previous month, if any. If the resulting peso amount is positive, the QE shall pay this positive peso amount to the DU. If the resulting peso amount is negative, the DU shall credit the negative peso amount to the QE's electric bill in the immediately succeeding billing period.

All the Net-Metering credits shall be banked, rolled-over and credited to the Qualified End-User's electricity consumption based on current and succeeding billing periods, as appropriate.

In case of change in the ownership of the property including the RE generating facility thereon, the Net-Metering Credits which accrued to the original property owner shall be transferred to the new owner, subject to the compliance of the requirements under the 2023 Revised COC Rules and any subsequent amendments thereto. Such transfer shall also be contingent upon the completion of all requirements of the DU and execution of all necessary documents, which may include, but not limited to, a new Net-Metering Agreement with the concerned DU and a conforme letter from the original owner.

Section 8. RE Certificate. - The DU shall be entitled to an RE Certificate resulting from Net-Metering arrangements with the QE who is using an RE Resource to provide energy. Such RE Certificate shall be based on gross generation and shall be credited as compliance with the DU's obligations under the RPS.

Section 9. Modification to the RE System. - Any modification to an existing RE system shall require the QE to undergo the same process as that of a new customer, including the execution of a new Net-Metering Agreement.

Section 10. Severability. - The unenforceability or invalidity of any provision or part of this Agreement shall not affect the enforceability or validity of the other provision or part of this Agreement.

Section 11. Amendments. - No changes or modifications of this Agreement shall be effective unless in writing, signed by both Parties.

Section 12. Notices. - Each communication to be made hereunder shall be made in writing and, unless otherwise stated, may be sent through personal delivery, facsimile, or first-class mail at the following address or facsimile number:

For the Qualified End User:

Address: _____

Fax: _____

Email: _____

For the Distribution Utility:

Address: _____

Fax: _____

Email: _____

Section 13. Non-waiver/exercise of rights. - Failure by a Party to exercise or delay in exercising a right, power, or remedy does not prevent its exercise or is a waiver of such right, power, or remedy. No waiver by either party of any of its rights, power, or remedy under this Agreement shall be deemed to have been made unless expressed in writing and signed by both parties.

Section 14. Termination Date. – The Agreement shall be co-terminus with the service contract of the QE with the DU under Customer Account No. _____. Either party may, however, pre-terminate this net-metering Agreement for just cause.

Section 15. Dispute Resolution. – In case of dispute over the application of certain provisions of this Agreement, the parties shall exert their best efforts to resolve the dispute among themselves within thirty (30) calendar days from when the dispute arose. If the dispute remains unresolved after **the** thirty (30) day period, either party may file a petition for dispute resolution with the Energy Regulatory Commission (ERC), which shall have original and exclusive jurisdiction over such dispute.

While these are pending with the ERC, the status quo of cases involving violation of contract shall be maintained. The maintenance of the status quo shall only be applicable to the subject matter of the case and will not extend to any other right/s and obligation/s between the parties.

IN WITNESS WHEREOF, the parties execute this Net-Metering Agreement this (date) at (place).

By:

**President/General
Manager**

ABC Electric
Company/Cooperative
(DU)

Juan Dela Cruz

Qualified End-User
(QE)

Witnesses:

AMENDED NET-METERING AGREEMENT
(No REC Meter)

This **Net-Metering Agreement** is entered into by and between:

_____, of legal age,
single/married, with postal address at
_____, hereinafter
referred to as the Qualified End-User (QE);

-and-

_____, an electric
distribution utility duly organized and existing
under Philippine laws, with principal office
address at _____,
franchised to construct, own, operate and
maintain an electric distribution facility in the
city/municipalities/barangays _____ of
_____, all in the
Province of _____,
represented herein by its President/General
Manager _____,
hereinafter referred to as the DU;

WITNESSETH THAT:

WHEREAS, QE intends to install within its premises for purposes of net-metering a Renewable Energy (RE) system, more particularly described as follows:

Technology Type: _____
Rated Capacity: _____
Location: _____

WHEREAS, DU has pre-qualified QE to be eligible to participate in the net-metering program;

NOW, THEREFORE, the parties enter into this net-metering Agreement under the following terms and conditions:

Section 1. Compliance Standards. - The RE System to be installed within the QE's premises must be compliant with the standards set by

the Philippine Electrical Code (PEC), Philippine Distribution Code (PDC), Distribution Service Open Access Rules (DSOAR), and the Net-Metering Interconnection Standards **and any amendment/s thereto**;

Section 2. Interconnection Set-Up. - The RE system shall be embedded in the QE's premises and shall be equipped with appropriate metering equipment.

- a. The DU shall furnish and install a bi-directional meter at the QE's premises, without prejudice to the DU's compliance with the **Commission's Decision under ERC Case No. 2015-001 RM, entitled "In the Matter of the Petition to Adopt the Proposed Rules to Govern the Installation and Use of Smart Revenue Meters for Advanced Metering Infrastructure (AMI) System Application And Pertinent Functionalities,** promulgated on 18 May 2016, including **any amendment/s thereto**, and other relevant Rules as may be promulgated by the Commission.

- b. **The costs for** all bi-directional meters and its installation shall be at the expense of the **DU**, except in the case of **End-Users who wish to install an RE facility in their premises. In such cases, the difference in cost between the old meter and the new bi-directional meter shall be borne by the End-User.**

- c. The DU shall **compute the RECs generated from the RE System based on Section 8 of this Agreement,** for compliance with the Renewable Portfolio Standards (RPS) and **derive** the actual energy consumption for the determination of the following:
 - i. non-exemption from payment of the lifeline subsidy rate;
 - ii. payment of senior citizen subsidy rate; and
 - iii. other relevant subsidies mandated by law.

- d. The location of the above-mentioned meters shall be in accordance with Section 7.2.2 of the 2017 Philippine Distribution Code, and any amendments thereto.

A complete and more detailed plans and specifications of the interconnection set-up and facilities are attached as an integral part of this net-metering Agreement.

Section 3. DU Inspection. - The QE shall allow the DU to access the QE's RE system to inspect, test, maintain, and operate the protective devices and read or test the meters and other facilities, provided that the QE was given a notice in writing at least three (3) days before the DU's intended date to enter the premises.

The DU, upon the same notice requirement as stated above, may limit the operation and/or disconnect, or require the disconnection of a QE's RE system from the DU's Distribution System under the following circumstances:

1. Routine maintenance, repairs, or modification of the DU's Distribution System;
2. Upon determination by the DU that a QE's RE system is not compliant with the DSOAR and the PDC; and
3. Upon termination of the Agreement.

However, in cases of emergency where the DU reasonably believes that a hazardous condition exists which may warrant such limiting of the operations and/or disconnection to ensure public safety, only a reasonable notice to the QE is required.

Section 4. Meter Readings. - The DU shall be the Metering Service Provider and shall conduct the meter reading of the import and export meters every ____ day of the month for billing purposes. The DU shall immediately leave a copy of the results of its meter readings at the QE's premises, in accordance with Section 2.11.2 of the Distribution Services and Open Access Rules (DSOAR).

Section 5. Pricing of Exported Renewable Energy. - The price of export electricity shall be the DU's monthly generation charge, which is based on its blended generation cost, excluding other generation adjustments.

Section 6. Conduct of Distribution Impact Study (DIS). The DU shall determine, on a non-discriminatory basis, whether a specific DIS is necessary to ensure the reliability and safety of the interconnection of the RE system and the Distribution System. There

will be no additional charges imposed on the QE for the conduct of the DIS.

Section 7. Billing Charges. - The net amount payable by or creditable to the QE shall be obtained by subtracting from the subtotal amount for import energy, the following: (a) the subtotal peso amount for export energy, and (b) the peso amount credited in the previous month, if any. If the resulting peso amount is positive, the QE shall pay this positive peso amount to the DU. If the resulting peso amount is negative, the DU shall credit the negative peso amount to the QE's electric bill in the immediately succeeding billing period.

All the Net-Metering credits shall be banked, rolled-over and credited to the Qualified End-User's electricity consumption based on current and succeeding billing periods, as appropriate.

In case of change in the ownership of the property including the RE generating facility thereon, the Net-Metering Credits which accrued to the original property owner shall be transferred to the new owner, subject to the compliance of the requirements under the 2023 Revised COC Rules and any subsequent amendments thereto. Such transfer shall be contingent upon the completion of all requirements of the DU and execution of all necessary documents, which may include, but not limited to, a new Net-Metering Agreement with the concerned DU and a conforme letter from the original owner.

Section 8. RE Certificate. - The DU shall be entitled to an RE Certificate resulting from Net-Metering arrangements with the QE who is using an RE Resource to provide energy. Such RE Certificate shall be based on gross generation **as measured through the REC meter** and shall be credited as compliance of the DU's obligations under the RPS. **The installation of the REC meter, however, shall be voluntary. In case of waiver by the QE of installation of REC Meter, the gross generation of the RE Resource shall be computed using the formula or methodology below:**

If the RE Resource is a Solar PV technology:

**Generation per Month (in kWh/mo) = Installed
PV Capacity (in kWp) × Capacity Factor × DC/AC
Ratio × Hours of operation per Month (in hr)**

Where:

DC/AC Ratio: 0.7519

Capacity Factors:

Rooftop Solar – 18.05%

Ground-mounted Solar -19.0%

Floating Solar – 18.62%

or

**If the RE Resource is Wind, Run-of-River Hydropower,
Biomass or other RE capable of being installed in the
premises of QE:**

**Generation per Month (in kWh/mo)= Installed
Capacity (in kW) × Capacity Factor × Hours of
Operation per Month (in hr)**

Where:

Wind - 28.88%

Biomass- 81%

Biomass WTE-93%

ROR Hydro-52.17%

**Provided, further, that in case of waiver by the QE of
installation of REC Meter, an affidavit and waiver shall be
executed by the QE, template of which is attached hereto as
Annex A-4.**

Section 9. Modification to the RE System. - Any modification to an existing RE system shall require the QE to undergo the same process as that of a new customer, including the execution of a new Net-Metering Agreement.

Section 10. Severability. - The unenforceability or invalidity of any provision or part of this Agreement shall not affect the enforceability or validity of the other provision or part of this Agreement.

Section 11. Amendments. - No changes or modifications of this Agreement shall be effective unless in writing, signed by both Parties.

Section 12. Notices. - Each communication to be made hereunder shall be made in writing and, unless otherwise stated, may be sent through personal delivery, facsimile, or first-class mail at the following address or facsimile number:

For the Qualified End User:

Address: _____

Fax: _____

Email: _____

For the Distribution Utility:

Address: _____

Fax: _____

Email: _____

Section 13. Non-waiver/exercise of rights. - Failure by a Party to exercise or delay in exercising a right, power, or remedy does not prevent its exercise or is a waiver of such right, power, or remedy. No waiver by either party of any of its rights, power, or remedy under this Agreement shall be deemed to have been made unless expressed in writing and signed by both parties.

Section 14. Termination Date. – The Agreement shall be co-terminus with the service contract of the QE with the DU under Customer Account No. _____. Either party may, however, pre-terminate this net-metering Agreement for just cause.

Section 15. Dispute Resolution. – In case of dispute over the application of certain provisions of this Agreement, the parties shall exert their best efforts to resolve the dispute among themselves within thirty (30) calendar days from when the dispute arose. If the dispute remains unresolved after **the** thirty (30) day period, either party may file a petition for dispute resolution with the Energy Regulatory Commission (ERC), which shall have original and exclusive jurisdiction over such dispute.

While these are pending with the ERC, the status quo of cases involving violation of contract shall be maintained. The maintenance of the status quo shall only be applicable to the subject matter of the case and will not extend to any other right/s and obligation/s between the parties.

IN WITNESS WHEREOF, the parties execute this Net-Metering Agreement this (date) at (place).

By:

President/General

Manager

ABC Electric
Company/Cooperative
(DU)

Juan Dela Cruz

Qualified End-User
(QE)

Witnesses:

REPUBLIC OF THE PHILIPPINES)
CITY AND PROVINCE OF _____) S.S.

**AFFIDAVIT AND WAIVER FOR NET-METERING CONSUMERS ON METERING
AND FACILITY INSPECTION**

I, [Name of Qualified End-User], Filipino, of legal age, residing at [Address of QE] after having been duly sworn in accordance with law, hereby depose and state as follows:

1. I am the Qualified End-User with account number [Service Account Number] and have a Net-Metering Agreement (NMA) with [Name of Distribution Utility] for the interconnection of my Net-Metering Facility located at [Address of Net-Metering Facility] to the DU's distribution system.
2. I am aware of the Energy Regulatory Commission's (ERC) initiatives regarding Renewable Energy Certificates (RECs) and the potential benefits of installing a REC meter to accurately track my renewable energy generation.
3. I understand that the installation of a REC meter entails additional costs, which I currently wish to avoid. I have been fully informed by the DU of the implications of foregoing REC meter installation.
4. I hereby voluntarily and irrevocably waive the installation of a REC meter at my Net-Metering Facility at this time. I acknowledge that the absence of a REC meter may affect the accuracy of my renewable energy generation data and potentially impact my monthly electricity bill, which may either increase or decrease. I understand and accept this potential impact.
5. I understand and agree that the DU may conduct inspections of my net-metering facility twice a year, specifically in January and July, or on such other dates as may be reasonably determined by the DU. The purpose of these inspections is to verify the continued safe and optimal operation of my net-metering facility and ensure compliance with relevant regulations and the Net-Metering Agreement.
6. I agree to allow the DU's authorized representatives reasonable access to my Net-Metering Facility during the scheduled inspection times. I understand that the DU shall provide me with written notice of the scheduled inspection at least five (5) calendar days prior to the date of the inspection, stating the date, time, and purpose of the inspection.

7. I acknowledge that the DU shall not be held liable for any increase or decrease in my monthly electricity bill that may arise as a result of the non-installation of a REC meter.
8. I understand that this waiver does not preclude me from requesting REC meter installation in the future, subject to applicable rules and regulations and associated costs. I also acknowledge that the DU reserves the right to require REC meter installation at a future date, subject to ERC regulations.
9. I am executing this Affidavit and Waiver freely and voluntarily, fully understanding its implications.
10. I hereby attest to the truth of the foregoing statements to the best of my knowledge and belief.

IN WITNESS WHEREOF, the parties have hereunto set their hands this [Date] at [Place].

Signature over Printed Name of QE/ Date

Signature over Printed Name of
Authorized Representative of DU/Date

BEFORE ME, a Notary Public for [City/Municipality], personally appeared [Name of Net-Metering Consumer] exhibiting his/her [Valid Government-Issued ID] and [Name of Authorized Representative of DU] exhibiting his/her [Valid Government-Issued ID], known to me to be the same persons who executed the foregoing instrument and acknowledged to me that the same is their free act and deed.

WITNESS my hand and notarial seal this [Date] at [Place].

[Notary Public Name and Signature]

[Notarial Seal]

Doc. No. _____;
Page No. _____;
Book No. ;
Series of 202_.

Hosting Capacity Template

Distribution Transformer Name and/or Size (kVA)	Hosting Capacity (kWac)