BENGUET ELECTRIC COOPERATIVE

NET METERING APPLICATION PROCESS

OUTLINE

1. Application Process
2. Requirements
    1. Qualified End-User (QE) documents
    2. Application Forms
    3. Connection Agreement

1. Application Process

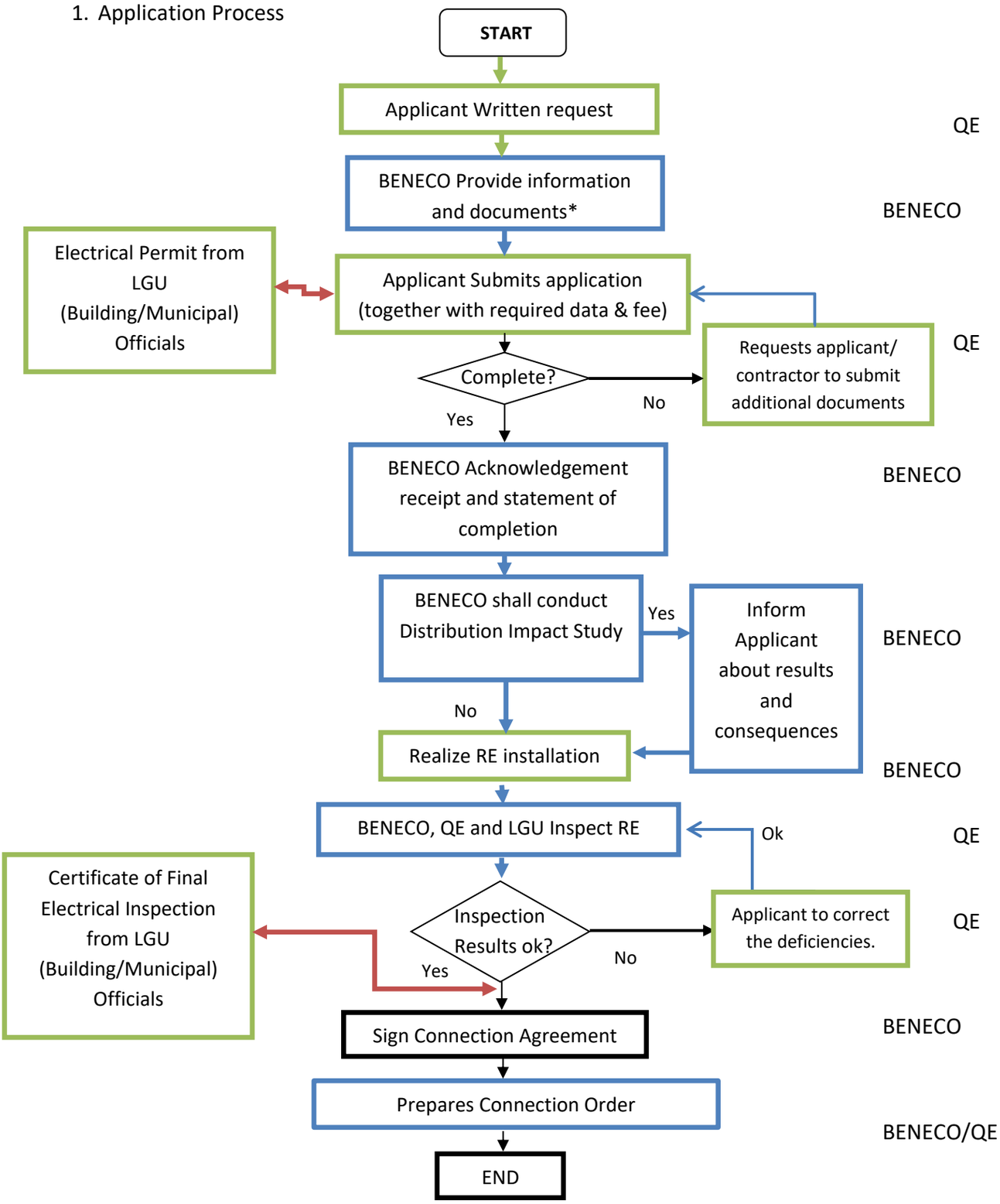

Figure 1 Workflow of Application Process

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1. Documents to be submitted to DU.

1. Certificate of Final Electrical Inspection (CFEI) for the installation of Net Metering from the LGU (Building/Municipal) officials.
2. Electrical Plan and/or Electrical Layout with Renewable Energy (RE) System duly signed and sealed by a Professional Electrical Engineer (PEE).
3. Certification from BENECO-Accredited Electrical Practitioner/Contractor.
4. Location Sketch in three (3) copies using BENECO prescribed form.
5. Photocopy of Valid Identification Card (ID).
6. Photocopy of electric bill of nearest neighbor.
7. Technical Specification of the Renewable Energy (RE) System
8. For Distribution Impact Study (DIS) requirements (Equipment Data Sheet)
   - Voltage and Frequency operating range
   - Short Circuit current contribution
   - AC output rated capacity
   - Typical 24 hour generation profile
   - Certifications (IEC, IEE, etc.) standards
   - For Solar PV, Array arrangements (No. of PV Modules in Series and No. of Strings)
   - Other documents will be required after the evaluation of the technical specifications of the Renewable Energy of the customer intend to install. Renewable Energy System to be installed is strongly recommended to be duly certified by the International Electro technical Commission Standards (IEC) or Institute of Electrical and Electronics Engineers Standards or other internationally accepted certifying bodies like ANSI, NEMA, etc...

2. Application Form (Refer to Annex “A”)

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Application Form

ANNEX A

Net Metering Application Form
CUSTOMER INFORMATION SHEET

ACCOUNT ID: _____

NAME OF APPLICANT: _____
(FAMILY NAME) (FIRST NAME) (MIDDLE NAME)

ADDRESS: _____
(STREET) (SUBDIVISION)

_____
(BARANGAY) (CITY/MUNICIPAL)

CONTACT NO. INFO.: _____ _____
(HOME/MOBILE) (BUSINESS PHONE)

_____
(EMAIL ADDRESS)

1. INSTALLER INFORMATION:

TECHNICIAN/ELECTRICIAN NAME: _____
(FAMILY NAME) (FIRST NAME) (MIDDLE NAME)

COMPANY NAME: _____

ADDRESS: _____
(STREET) (SUBDIVISION)

_____
(BARANGAY) (CITY/MUNICIPAL)

CONTACT NO. INFO.: _____
(OFFICE) (MOBILE)

_____
(EMAIL ADDRESS)

2. TECHNICAL SPECIFICATION:
Information on the power generating facility:

1. Renewable Energy Facility Type: Solar( ) Wind( ) Hydro( ) Biomass( ) Others:_____
2. Type (synchronous/induction (inverter) _____
3. Inverter Configuration Type: _____(Grid-Tied/Hybrid) System
4. Module: _____
5. Total Capacity Output: _____ Watt(s) peak
6. kW Rating (95F at location): _____
7. Kilovolt-Ampere Rating (95F at location): _____
8. Power factor: _____
9. Voltage rating: _____ Volt(s) DC _____ Volt(s) AC (L-L)/(L-N)
10. Ampere rating: _____Amps
11. Number of phases: _____
12. Frequency: _____Hz
13. Tilt _____°
14. Azimuth _____°

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3. Other requirements and information:

1. Do you plan to export power(yes/no)._____If yes, maximum amount expected _____ Watt(s)

   Note: The Net-Metering is applicable to a maximum of 100kW installation only.
2. Expected energizing and start-update_____
3. Normal operation of interconnection _____(e.g. provide power to meet base load, demand management, stand-by, back-up, others…)
4. One-line diagram/Electrical Plan showing the connection of the Renewable Energy System to your Building/Home Electrical System.
5. Information whether the manufacturer has supplied its dynamic modeling values to the DU.
6. Layout sketch showing lockable, “visible” disconnect device.
7. Plant parameters for a distribution impact study.
8. Impact assessment information (in particular for SPV and wind converters).
9. Electric systems description.
10. Load information: Customer and generating facility.
11. Generator facility fault contribution for faults at the connection point.
12. Generator facility characteristics.
13. Interface transformer characteristics.
14. Operation information.
15. Expected monthly generation, load consumption and net consumption from the facility (12 month period) for the first year and annually for the remaining four years.

Note: Legal Reference

1. Republic Act 9513 (Renewable Energy Act)
2. ERC Resolution No. 21, Series of 2007 (A Resolution Approving the Revised Schedule of ERC Fees and Charges)
3. ERC Resolution No. 09, Series of 2013 (Rules Enabling the Net-Metering Program)
4. ERC Resolution No. 16, Series of 2014 (2014 Revised Rules for The Issuance of Certificates of Compliance (COCs) For Generation Companies, Qualified End-Users and Entities with Self-Generation Facilities)
5. ERC Resolution No. 02, Series of 2018 (Distribution Code)
6. ERC Resolution No. 18, Series of 2018 (A Resolution Adopting the Amendments to Section 1, Article III and VII of the 2014 Revised Rules for the Issuance of Certificates of Compliance (COCS) for Generation Companies, Qualified End-Users and Entities with Self-Generation Facilities)
7. ERC Resolution No. 06, Series of 2019 (Net-Metering Rules)
8. ERC Resolution No. 05, 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 “)
9. DOE Department Circular No. 2020-010-0022 (Policies on Net-Metering Program)
10. Joint Memorandum Circular No. 2020-01 (LGU Energy Code)
11. DOE Guidebook on Net Metering in the Philippines.
12. DOE Department Circular No. 2024-08-0025 (Prescribing Further Policies to Enhance the Net-Metering Program for Renewable Energy Systems Amending, for the Purpose, Department Circular (DC) 2020-10-0022)