



Republic of the Philippines
**ENERGY
REGULATORY
COMMISSION**

28 January 2020

MR. TOMAS CARMELO

Dear Mr. Carmelo:

This refers to your e-mail inquiry about the type approval of the meter products specifically those with communication protocol or "Smart Meters". In your letter dated January 7, 2020, you asked for the following information:

- a. What are the criteria that vendors must oblige to have their smart power meters approved by the ERC?
- b. Accuracy Requirements?
- c. Life Expectancy Requirements?

ERC Resolution No. 22, Series of 2017 provides for the Rules Governing Type Approval of Smart Meters. Said Resolution also provides for the list of the required documents for type approval of meters. Aside from the notarized accomplished application form and the required documents, the Applicant must submit three (3) sample of meters. Attached hereto is the Application Form for the type approval of meters.

The accuracy required for meters to be used by electric distribution utilities and redistributors is plus/minus zero point five percent ($\pm 0.5\%$).

The Commission does not prescribe Life Expectancy Requirements of meters.

Should you have any questions regarding the Type Approval of Meters to be used by electric distribution utilities or redistributors, you may visit us at the 12th floor, Pacific Center Building, San Miguel Ave., Pasig City.

Very truly yours,


Atty. GREGORIO L. OFALSA
OIC-Director, Consumer Affairs Service





Application for Approval of a Watt-hour Meter Product

A. Type of Application	<input type="checkbox"/> New	<input type="checkbox"/> Revalidation
B. Type of Meter	<input type="checkbox"/> Conventional	<input type="checkbox"/> Smart Meter
C. Name and Address of Applicant: _____ _____ _____		
D. Name and Address of meter product manufacturer: _____ _____ _____		
E. Specifications of the Meter Product: Meter Brand: _____ Type: _____ Voltage Rating: _____ Form: _____ Wire: _____ Ampere Rating: _____ Register Constant: _____ Frequency Rating: _____ Kt/Kh: _____ Register Ratio/Gear Ratio: _____ Suggested Retail Price: _____		
F. Serial Numbers of Meter Samples: S1 _____ S2 _____ S3 _____		
G. Copy of the Notarized Agreement between the manufacturer and its local distributor authorizing the latter to distribute its electric meter products if executed in the Philippines. Agreement must be duly certified by the Philippine Consulate if executed in another country. (Attachment "A")		
H. Proof of Authority to do business in the Philippines (Attachment "B") i. Certificate of Registration from the Securities and Exchange Commission (SEC) including its updated General Information Sheet (GIS) and Articles of Incorporation; or ii. Certificate of Registration from the Department of Trade and Industries (DTI) for Sole Proprietorship; and iii. Copy of valid Business Permit issued by the respective Local Government Unit (LGU), indicating therein that the nature of business of the Authorized Local Distributor includes trading or dealership of electric meter products among others.		
I. Authentication document (Red Ribbon) issued by the Philippine Consulate which has jurisdiction over the area where the following documents were issued: i. Accreditation Certificate of the certifying laboratory issued by the Regional Accreditation Body. (Attachment "C") ii. Test Report issued by the certifying laboratory documenting the complete performance testing of the type of meter product indicating therein that the meter product under consideration complies with all the standards of IEC 62052, IEC 62053, or ANSI C12. (Attachment "D") Note: English translations duly certified by the issuing entity shall be provided if documents are written in another foreign language.		

J. Certificate of Patent granted by Intellectual Property Office or any authorized agency, if applicable **(Attachment "E")**

K. Written Description of the type and features of the communication platforms to be used **(Attachment "F")** *for smart meters only*

L. Certification issued by National Telecommunication Commission (NTC) that the smart meter can operate at NTC-authorized open and unprotected radio frequency **(Attachment "G")** *for smart meters only*

M. Meter Certification Test Report issued by the ERC on three sample meters submitted by the Applicant. **(Attachment "H")**

N. List of Meter Type Approval/s extended by the Commission to the Applicant, if applicable. **(Attachment "I")**

O. List of prior Revocation of Meter Type Approval/s extended by the Commission to the Applicant stating the reasons thereof, if applicable. **(Attachment "J")**

P. Verification:

Signature over printed name of the Applicant

Title or designation of the Applicant

Date

SUBSCRIBED AND SWORN to before me this ____ day of _____ in the City of _____, affiant exhibiting to me his Government-issued identification _____, issued at _____, on _____.

Doc No. _____

Page No. _____

Book No. _____

Series of 2019

Notary Public