



02 June 2018

MEMORANDUM No. 2018-053

TO : ALL ELECTRIC COOPERATIVES
SUBJECT : ADOPTION OF ERC FORMULAS FOR THE PRODUCTION OF EC'S MONTHLY ENGINEERING REPORT TO THE NEA


This is to formally advise all the ECs of the harmonization/adoption of the ERC formulas for the production of the Monthly Engineering Reports.

This is with reference to the Phase-2 Technical Implementation of the NEABIT, the Web Portal and Business Intelligence Project funded by the European Union and Administered by World Bank.

Details of the harmonization/adoption are enumerated as attached to this Memorandum and marked as Annex A.

This memorandum aims to synchronize the submission of both agency for the ease and efficiency of the Electric Cooperatives' operation.

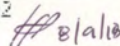
This is for your guidance and compliance.


EDGARDO R. MASONGSONG
Administrator

NATIONAL ELECTRIFICATION
ADMINISTRATION
Office of the Administrator



NEA-OA255192



ANNEX A

SUBJECT AREA	ADOPTED FORMULA
For Energy Input	Average Load (kW) = Total Output Energy (kWh) / Hours per Reporting Month
For Systems Loss	On Grid/Off Grid SL (%) = $(1 - [(Sales + EC Use) / (Generated + Purchased)]) \times 100$
Additional Fields on the data entry templates for the Engineering Reports	Additional fields to capture components of System Loss: <ul style="list-style-type: none"> • SubTX Loss • Substation Loss • Feeder Loss System Loss = SubTX Loss + Substation Loss + Feeder Loss
Compliance to the Philippine Distribution Code (PDC)- Compliance Status	Compliant or Non-Compliant
Compliance to PDC - Compliance Formula	Total = Compliant (C) + Non-Compliant (NC) + value based on data input (NA)
Compliance to PDC - Compliance Assessment	value, display "NA", otherwise display these values according to conditions: If % Status of Compliance = 100%, display "C"; else display "NC"
PDC Template	Follow ERC's PDC Template
Compliance to Philippine Grid Code (PGC) - Compliance Status	Compliant or Non-Compliant
Compliance to PGC - Compliance Formula	Total = Compliant (C) + Non-Compliant (NC) + value based on data input (NA)
Compliance to PGC - Compliance Assessment	Compliance Assessment = If % Status of Compliance has a null value, display "NA", otherwise display these values according to conditions: If % Status of Compliance = 100%, display "C"; else display "NC"
PGC Template	Follow ERC PGC Template