

# **COMPLIANCE REPORT ON THE PERFORMANCE OF ELECTRIC COOPERATIVES**

## **For the Second Quarter of 2019**

### **I. Introduction**

This report is the summary of electric cooperatives (ECs) classification for the second quarter of 2019. It highlights the assessment of the ECs' compliance to certain established financial and technical standards and parameters intended to institute appropriate preventive, remedial and/or mitigating actions towards achieving the ECs' operational efficiency and financial viability.

The compliance report also includes a brief status of operations of ECs which entered into partnership with qualified private sector investors and NEA's assistance and recommendations for ailing ECs. The cut-off date used in the evaluation was July 30, 2019.

### **II. Performance Standards and Parameters**

Republic Act No. 10531 mandates the NEA to strengthen the electric cooperatives to become economically viable and ready for the implementation of retail competition and open access. Towards this end, the NEA lays down parameters to assess EC financial and operational status and to prevent declaring an EC as Ailing.

Specifically, Rule IV, Section 19 (b) of the Implementing Rules and Regulations (IRR) of RA 10531 provides that the NEA shall have the obligations to develop financial and operational parameters to serve as triggers for the intervention of the NEA in the EC operations, to enforce performance standards and submit quarterly compliance report to the Department of Energy (DOE) and Joint Congressional Energy Commission (JCEC). This includes summary of compliance to key performance standards and the recommendations for rehabilitation or takeover in case of Ailing ECs.

In compliance, the NEA formulated the Guidelines for the Classification of Electric Cooperatives and Provision for NEA Intervention which was approved by the NEA Board of Administrators on January 2014 and by the Department of Energy on December 12, 2013. The said guidelines classified the ECs into the following:

1. Green - ECs which comply with all the six (6) financial conditions and operational performance standards and parameters.
2. Yellow 1 - ECs which do not comply with not more than three (3) standards and parameters.
3. Yellow 2 - ECs which do not comply with four (4) or more standards and parameters and ECs which fall under the six (6) circumstances mentioned in Section 20 of the IRR but have not been declared as Ailing ECs.

Yellow ECs were subdivided into 2 groups to determine the nature of NEA intervention for certain ECs.

4. Red - ECs which have been declared as “Ailing” after observance of due process.

Under Section 20 of RA 10531 on Ailing ECs, an EC may be declared as ailing when it falls to the following circumstances:

- a. Has negative net worth for the last three years. Negative net worth means a financial condition where liabilities is greater than its asset.
- b. Has accumulated 90 days of arrearages in power supply purchases from generating companies and power suppliers/sources of electricity, and the transmission charges by the TransCo or its concessionaire.
- c. Unable to provide electric service due to technical and/or financial inefficiencies . . . and/or institutional problems such as governance and non-adherence to NEA and EC policies.

As part of due process, the EC may be afforded a recovery period of not more than one (1) year to undertake remedial and mitigating measures including a doable Operation Improvement Plan (OIP) to be submitted to the NEA for approval. If within a certain period, not exceeding one hundred eighty (180) days from the implementation of the OIP, there is no concrete and substantial improvement in the operational and/or financial condition of the EC, the OIP shall be set aside and become wholly inoperative and the EC shall be declared as Ailing EC.

### **III. Coverage of the Compliance Report**

The Compliance Report ending June 30, 2019 includes the following:

1. Introduction
2. Performance standards and parameters
3. Executive summary
4. Classification of Electric Cooperatives
5. Compliances to financial and operational standards and parameters
6. Compliances to technical standards and parameters
7. Compliances to institutional standards and parameters
8. Status of Rural Electrification Program
9. NEA’S Assistance and Initiatives for Ailing ECs
10. Summary of the Status of Energization Level per EC Classification
11. Annexes
  - a. EC Classification per Region
  - b. List of Electric Cooperatives with Acronym

#### **IV. Executive Summary**

The assessment of the ECs' performance is intended to measure compliance to certain established financial, operational, technical, and institutional standards and parameters. Evaluation was also done to determine EC classification so that appropriate preventive, remedial and/or mitigating actions will be instituted and suitable assistance and interventions be provided.

As of the second quarter of 2019, the evaluation resulted to the classification of 66 ECs as Green, 37 ECs under Yellow-1, 9 ECs classified as Yellow-2, and 9 ECs as Red.

With reference to the compliance in financial standards and parameters, summary of the specific parameters was presented.

On one month working capital versus cash general fund, 91 ECs passed the compliance test. In terms of collection efficiency, 95 ECs met the standard of at least 95%. Out of the 95 ECs, 27 attained the highest level of 100% collection performance.

One Hundred One (101) ECs were able to sustain their positive financial operations before the Reinvestment Fund for Sustainable Capital Expenditures (RFSC). One hundred five (105) sustained positive net worth. These two parameters described that most of the ECs are financially viable.

On the status of payment with the power suppliers, 105 ECs maintained their current and restructured - current status. On the other hand, 98 ECs were with current status in their power bill payments with the National Grid Corporation of the Philippines (NGCP).

With reference to the compliance with the technical standards and parameters, the national average system loss level is within the cap at 11.12%. Seventy-eight percent (78%) or 90 out of the 115 ECs were evaluated within the system loss cap. Fifty – one (51) ECs are with single-digit level while 39, although double digit, but are still within or below the set cap. The causes of high system loss were enumerated and the solutions that were implemented by the ECs.

For reliability indices, 107 ECs recorded compliance with the set standard on System Average Interruption Frequency Index (SAIFI) of 25 and 30 incidences for on-grid and off-grid EC, respectively.

For the System Average Interruption Duration Index (SAIDI), 111 ECs are within the standard time duration of 1,350 minutes and 1,687.5 minutes for on-grid and off-grid ECs, respectively.

On EC compliance with the institutional standards and parameters, 111 out of 121 ECs passed the set compliance parameters. Forty-five (45) of the 111 garnered 100% compliance level. The parameters used were presented with corresponding rating for the readers' reference.

In terms of implementation of rural electrification program, the level of consumer connections as of the end of June 2019 was recorded at 85%. There was a total of seventy – seven (77) ECs with 90% and above electrification level against the base year 2015 potential consumers.

Featured also in this report are the NEA assistance and initiatives to ailing ECs. These include assistance in the preparation of Operation Improvement Plan (OIP) to address system operation problems, monitoring of accomplishments based on the targets set in their OIP and implementation of remedial measures to resurrect under- performing ECs.

As part also of the regulatory and supervisory functions of NEA, the initiatives undertaken include management take-over, round table assessment, assistance in the Competitive Selection Process for New Power Provider, and comprehensive EC audit, among others.

## V. Classification of Electric Cooperatives

The parameters and standards used in the assessment of the EC financial condition and operational performance are as follows:

| Parameters                                  | Standards                          |
|---------------------------------------------|------------------------------------|
| Cash General Fund                           | At least one month working capital |
| Collection Efficiency                       | 95% and above                      |
| Payment to GENCO and NGCP                   | Current / Restructured Current     |
| Result of Financial Operation (Before RFSC) | Positive                           |
| Net worth                                   | Positive                           |
| System Loss                                 | Within the Cap - 12%               |

After evaluation of the performance of electric cooperative for the second quarter, sixty-six (66) ECs or 55% are assessed as Green, thirty-seven (37) or 31% under Yellow-1, nine (9) or 7% under Yellow-2 and eight (9) or 7% as Red or Ailing ECs. A total of one hundred twenty (121) ECs were evaluated.

The table below shows the results of EC classification for the last two (2) quarters of 2018 and first two (2) quarters of 2019.

| Classification | 2019                    |                         | 2018                    |                         |
|----------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                | 2 <sup>nd</sup> Quarter | 1 <sup>st</sup> Quarter | 4 <sup>th</sup> Quarter | 3 <sup>rd</sup> Quarter |
| Green          | 66                      | 61                      | 83                      | 75                      |
| Yellow-1       | 37                      | 43                      | 24                      | 31                      |
| Yellow-2       | 9                       | 8                       | 5                       | 6                       |
| Red            | 9                       | 8                       | 8                       | 8                       |
| <b>TOTAL</b>   | <b>121</b>              | <b>120*</b>             | <b>120*</b>             | <b>120*</b>             |

\*MAGELCO not evaluated due to incomplete reportorial submission.

The evaluation matrix for the second quarter of 2019 of ECs shows that among the three islands, Visayas ECs performed significantly well as all ECs are classified as either Green or Yellow 1.

| Classification | Number of ECs |           |           |            |
|----------------|---------------|-----------|-----------|------------|
|                | Luzon         | Visayas   | Mindanao  | Total      |
| Green          | 31            | 23        | 12        | 66         |
| Yellow-1       | 18            | 8         | 11        | 37         |
| Yellow-2       | 3             | 0         | 6         | 9          |
| Red            | 4             | 0         | 5         | 9          |
| <b>Total</b>   | <b>56</b>     | <b>31</b> | <b>34</b> | <b>121</b> |

As of the cut-off date, the following fourteen (14) ECs were reported to have incomplete submittal in the NEA-BIT web portal:

| Electric Cooperative |            |          |
|----------------------|------------|----------|
| ISELCO I             | MOELCI I   | BASELCO  |
| ABRECO               | SOCOTECO I | CASELCO  |
| IFELCO               | SUKELCO    | LASURECO |
| MASELCO              | TAWELCO    | MAGELCO  |
| TISELCO              | SIASELCO   |          |

## Green Electric Cooperatives

| ELECTRIC COOPERATIVEs |                   | 2019    |          | 2018    |          |
|-----------------------|-------------------|---------|----------|---------|----------|
|                       |                   | 2nd Qtr | 1st Qtr  | 4th Qtr | 3rd Qtr  |
| 1                     | ISECO             | Green   | Green    | Green   | Green    |
| 2                     | LUELCO            | Green   | Green    | Green   | Yellow-1 |
| 3                     | CENPELCO          | Green   | Yellow-1 | Green   | Yellow-1 |
| 4                     | PANELCO III       | Green   | Green    | Green   | Green    |
| 5                     | CAGELCO II        | Green   | Green    | Green   | Green    |
| 6                     | BENECO            | Green   | Yellow-1 | Green   | Green    |
| 7                     | MOPRECO           | Green   | Green    | Green   | Green    |
| 8                     | AURELCO           | Green   | Green    | Green   | Green    |
| 9                     | TARELCO I         | Green   | Green    | Green   | Green    |
| 10                    | TARELCO II        | Green   | Green    | Green   | Green    |
| 11                    | NEECO I           | Green   | Green    | Green   | Green    |
| 12                    | NEECO II - Area 1 | Green   | Yellow-1 | Green   | Green    |
| 13                    | NEECO II - Area 2 | Green   | Green    | Green   | Green    |
| 14                    | SAJELCO           | Green   | Green    | Green   | Green    |
| 15                    | PRESCO            | Green   | Green    | Green   | Green    |
| 16                    | ZAMECO I          | Green   | Green    | Green   | Green    |
| 17                    | ZAMECO II         | Green   | Green    | Green   | Green    |
| 18                    | BATELEC I         | Green   | Green    | Green   | Green    |
| 19                    | BATELEC II        | Green   | Green    | Green   | Green    |
| 20                    | QUEZELCO II       | Green   | Yellow-1 | Green   | Green    |
| 21                    | LUBELCO           | Green   | Yellow-2 | Green   | Green    |
| 22                    | ORMECO            | Green   | Green    | Green   | Green    |
| 23                    | TIELCO            | Green   | Green    | Green   | Green    |
| 24                    | ROMELCO           | Green   | Yellow-1 | Green   | Green    |
| 25                    | PALECO            | Green   | Green    | Green   | Green    |
| 26                    | CANORECO          | Green   | Green    | Green   | Green    |
| 27                    | CASURECO I        | Green   | Green    | Green   | Green    |
| 28                    | CASURECO II       | Green   | Green    | Green   | Green    |
| 29                    | CASURECO IV       | Green   | Green    | Green   | Green    |
| 30                    | AKELCO            | Green   | Green    | Green   | Green    |

## Green Electric Cooperatives

| ELECTRIC COOPERATIVES |             | 2019    |          | 2018     |          |
|-----------------------|-------------|---------|----------|----------|----------|
|                       |             | 2nd Qtr | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| 31                    | ANTECO      | Green   | Green    | Green    | Green    |
| 32                    | CAPELCO     | Green   | Green    | Green    | Green    |
| 33                    | ILECO I     | Green   | Green    | Green    | Green    |
| 34                    | ILECO II    | Green   | Green    | Green    | Green    |
| 35                    | ILECO III   | Green   | Green    | Green    | Green    |
| 36                    | BANELCO     | Green   | Yellow-1 | Green    | Green    |
| 37                    | CEBECO I    | Green   | Green    | Green    | Green    |
| 38                    | CEBECO II   | Green   | Green    | Green    | Green    |
| 39                    | CEBECO III  | Green   | Green    | Green    | Green    |
| 40                    | PROSIELCO   | Green   | Green    | Green    | Green    |
| 41                    | CELCO       | Green   | Green    | Green    | Green    |
| 42                    | BOHECO I    | Green   | Green    | Green    | Green    |
| 43                    | DORELCO     | Green   | Green    | Green    | Green    |
| 44                    | LEYECO II   | Green   | Green    | Green    | Green    |
| 45                    | LEYECO III  | Green   | Green    | Yellow-1 | Yellow-1 |
| 46                    | LEYECO IV   | Green   | Green    | Green    | Green    |
| 47                    | LEYECO V    | Green   | Green    | Green    | Green    |
| 48                    | NORSAMELCO  | Green   | Green    | Green    | Green    |
| 49                    | SAMELCO II  | Green   | Green    | Green    | Green    |
| 50                    | ESAMELCO    | Green   | Yellow-1 | Green    | Green    |
| 51                    | ZAMSURECO I | Green   | Green    | Green    | Green    |
| 52                    | MORESCO I   | Green   | Green    | Green    | Green    |
| 53                    | BUSECO      | Green   | Green    | Green    | Green    |
| 54                    | CAMELCO     | Green   | Yellow-1 | Green    | Yellow-1 |
| 55                    | DASURECO    | Green   | Green    | Green    | Green    |
| 56                    | COTELCO     | Green   | Green    | Green    | Green    |
| 57                    | ANECO       | Green   | Green    | Green    | Green    |
| 58                    | ASELCO      | Green   | Green    | Green    | Green    |
| 59                    | SURNECO     | Green   | Yellow-1 | Green    | Green    |
| 60                    | DIELCO      | Green   | Green    | Green    | Green    |

## Green Electric Cooperatives

| ELECTRIC COOPERATIVES |           | 2019    |         | 2018    |         |
|-----------------------|-----------|---------|---------|---------|---------|
|                       |           | 2nd Qtr | 1st Qtr | 4th Qtr | 3rd Qtr |
| 61                    | SURSECO I | Green   | Green   | Green   | Green   |
| 62                    | PELCO I   | Green   | Green   | Green   | Green   |
| 63                    | BISELCO   | Green   | Green   | Green   | Green   |
| 64                    | CENECO    | Green   | Green   | Green   | Green   |
| 65                    | BOHECO II | Green   | Green   | Green   | Green   |
| 66                    | SIARELCO  | Green   | Green   | Green   | Green   |

## Yellow-1 Electric Cooperatives

| ELECTRIC COOPERATIVES |              | 2019     |          | 2018     |          |
|-----------------------|--------------|----------|----------|----------|----------|
|                       |              | 2nd Qtr  | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| 1                     | INEC         | Yellow-1 | Green    | Green    | Green    |
| 2                     | PANELCO I    | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 3                     | BATANELCO    | Yellow-1 | Yellow-1 | Green    | Green    |
| 4                     | CAGELCO I    | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 5                     | ISELCO II    | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 6                     | NUVELCO      | Yellow-1 | Yellow-2 | Yellow-1 | Green    |
| 7                     | QUIRELCO     | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 8                     | KAELCO       | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 9                     | PENELCO      | Yellow-1 | Yellow-1 | Green    | Green    |
| 10                    | FLECO        | Yellow-1 | Yellow-1 | Green    | Green    |
| 11                    | QUEZELCO I   | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 12                    | OMECO        | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 13                    | MARELCO      | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 14                    | CASURECO III | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-2 |
| 15                    | SORECO I     | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 16                    | SORECO II    | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 17                    | FICELCO      | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 18                    | GUIMELCO     | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |



## Yellow-1 Electric Cooperatives

| ELECTRIC COOPERATIVES |                | 2019     |          | 2018     |          |
|-----------------------|----------------|----------|----------|----------|----------|
|                       |                | 2nd Qtr  | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| 19                    | NONECO         | Yellow-1 | Yellow-1 | Green    | Green    |
| 20                    | NOCECO         | Yellow-1 | Yellow-1 | Green    | Green    |
| 21                    | NORECO I       | Yellow-1 | Green    | Green    | Green    |
| 22                    | NORECO II      | Yellow-1 | Yellow-1 | Green    | Green    |
| 23                    | SOLECO         | Yellow-1 | Green    | Green    | Green    |
| 24                    | BILECO         | Yellow-1 | Yellow-1 | Green    | Green    |
| 25                    | SAMELCO I      | Yellow-1 | Green    | Green    | Green    |
| 26                    | ZANECO         | Yellow-1 | Yellow-1 | Green    | Green    |
| 27                    | MOELCI II      | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 28                    | MORESCO II     | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 29                    | FIBECO         | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 30                    | LANECO         | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 31                    | DORECO         | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 32                    | COTELCO-PPALMA | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 33                    | SOCOTECO I     | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 34                    | SOCOTECO II    | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 35                    | SUKELCO        | Yellow-1 | Green    | Yellow-1 | Green    |
| 36                    | SURSECO II     | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 37                    | PELCO II       | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |

## Yellow-2 Electric Cooperatives

| ELECTRIC COOPERATIVES |              | 2019     |          | 2018     |          |
|-----------------------|--------------|----------|----------|----------|----------|
|                       |              | 2nd Qtr  | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| 1                     | ISELCO I     | Yellow-2 | Yellow-1 | Green    | Green    |
| 2                     | IFELCO       | Yellow-2 | Yellow-2 | Yellow-1 | Yellow-1 |
| 3                     | PELCO III    | Yellow-2 | Yellow-1 | Yellow-1 | Yellow-1 |
| 4                     | ZAMSURECO II | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |
| 5                     | ZAMCELCO     | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |
| 6                     | MOELCI I     | Yellow-2 | Yellow-1 | Yellow-1 | Yellow-1 |
| 7                     | DANECO       | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |
| 8                     | SIASELCO     | Yellow-2 | Yellow-2 | Yellow-1 | Yellow-1 |
| 9                     | CASELCO      | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |

## Red Electric Cooperatives

| ELECTRIC COOPERATIVES |          | 2019    |         | 2018     |          |
|-----------------------|----------|---------|---------|----------|----------|
|                       |          | 2nd Qtr | 1st Qtr | 4th Qtr  | 3rd Qtr  |
| 1                     | ABRECO   | Red     | Red     | Red      | Red      |
| 2                     | ALECO    | Red     | Red     | Red      | Red      |
| 3                     | MASELCO  | Red     | Red     | Red      | Red      |
| 4                     | TISELCO  | Red     | Red     | Red      | Red      |
| 5                     | TAWELCO  | Red     | Red     | Red      | Red      |
| 6                     | SULECO   | Red     | Red     | Red      | Red      |
| 7                     | BASELCO  | Red     | Red     | Red      | Red      |
| 8                     | LASURECO | Red     | Red     | Red      | Red      |
| 9                     | MAGELCO  | Red     | -       | Yellow-1 | Yellow-1 |

**CLASSIFICATION OF ELECTRIC COOPERATIVES**  
As of June 30, 2019

| GREEN ELECTRIC COOPERATIVES |                   | PERFORMANCE INDICATORS |                                       |                       |              |         |                                              |                |                |                |             |
|-----------------------------|-------------------|------------------------|---------------------------------------|-----------------------|--------------|---------|----------------------------------------------|----------------|----------------|----------------|-------------|
|                             |                   | Working Capital Fund   | One Month Working Capital Requirement | Collection Efficiency | GENCO        | NGCP    | Result of Financial Operation* (Before RFSC) | Networth 2019* | Networth 2018* | Networth 2017* | System Loss |
|                             | <b>REGION I</b>   |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 1                           | ISECO             | 594,312                | 218,076                               | 99.67                 | Current      | Current | 42,861                                       | 1,191,249      | 1,088,239      | 999,964        | 10.24       |
| 2                           | LUELCO            | 281,747                | 155,500                               | 95.26                 | Current      | Current | 50,797                                       | 1,064,014      | 1,025,616      | 844,439        | 10.21       |
| 3                           | CENPELCO          | 334,370                | 300,310                               | 96.76                 | Current      | Current | 122,796                                      | 1,603,356      | 1,155,959      | 1,044,715      | 9.52        |
| 4                           | PANELCO III       | 498,598                | 286,585                               | 97.33                 | Current      | Current | 66,451                                       | 1,754,962      | 1,729,794      | 1,608,327      | 8.91        |
|                             | <b>REGION II</b>  |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 5                           | CAGELCO II        | 437,057                | 137,267                               | 100.00                | Current      | Current | 33,171                                       | 1,082,939      | 1,059,760      | 930,139        | 10.90       |
|                             | <b>CAR</b>        |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 6                           | BENECO            | 459,533                | 233,192                               | 100.00                | Current      | Current | 16,377                                       | 2,215,289      | 2,194,025      | 1,991,642      | 7.40        |
| 7                           | MOPRECO           | 63,643                 | 14,524                                | 98.31                 | Current      | Current | 11,185                                       | 451,801        | 434,776        | 469,116        | 9.60        |
|                             | <b>REGION III</b> |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 8                           | AURELCO           | 86,390                 | 48,021                                | 96.87                 | Current      | Current | 21,153                                       | 481,233        | 467,275        | 428,521        | 10.33       |
| 9                           | TARELCO I         | 592,209                | 221,489                               | 95.45                 | Current      | Current | 50,945                                       | 1,443,595      | 1,438,382      | 1,326,986      | 8.83        |
| 10                          | TARELCO II        | 569,168                | 217,783                               | 98.03                 | Current      | Current | 60,724                                       | 1,468,182      | 1,463,570      | 1,353,221      | 8.47        |
| 11                          | NEECO I           | 439,445                | 131,732                               | 98.11                 | Current      | Current | 83,083                                       | 1,006,325      | 1,053,916      | 1,000,267      | 8.67        |
| 12                          | NEECO II - Area 1 | 292,118                | 150,522                               | 100.00                | Res. Current | Current | 48,683                                       | 848,448        | 802,810        | 782,997        | 11.47       |
| 13                          | NEECO II - Area 2 | 492,220                | 161,320                               | 100.00                | Current      | Current | 96,503                                       | 1,103,480      | 1,002,016      | 822,801        | 8.48        |
| 14                          | SAJELCO           | 172,452                | 73,791                                | 96.80                 | Current      | Current | 25,158                                       | 464,185        | 437,962        | 418,962        | 8.93        |
| 15                          | PRESCO            | 87,034                 | 47,567                                | 99.33                 | Current      | Current | 10,594                                       | 209,151        | 200,551        | 177,226        | 8.79        |
| 16                          | PELCO I           | 918,055                | 177,819                               | 99.55                 | Current      | Current | 109,309                                      | 2,013,400      | 1,867,341      | 1,671,008      | 6.68        |
| 17                          | ZAMECO I          | 307,689                | 86,712                                | 96.82                 | Current      | Current | 33,251                                       | 604,741        | 565,963        | 498,920        | 9.63        |
| 18                          | ZAMECO II         | 143,268                | 129,222                               | 96.61                 | Current      | Current | 36,586                                       | 790,109        | 763,882        | 715,348        | 10.17       |

**CLASSIFICATION OF ELECTRIC COOPERATIVES**  
As of June 30, 2019

| GREEN ELECTRIC COOPERATIVES | PERFORMANCE INDICATORS |                                       |                       |              |         |                                              |                |                |                |             |
|-----------------------------|------------------------|---------------------------------------|-----------------------|--------------|---------|----------------------------------------------|----------------|----------------|----------------|-------------|
|                             | Working Capital Fund   | One Month Working Capital Requirement | Collection Efficiency | GENCO        | NGCP    | Result of Financial Operation* (Before RFSC) | Networth 2019* | Networth 2018* | Networth 2017* | System Loss |
| <b>REGION IV-A</b>          |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 19 BATELEC I                | 519,483                | 260,632                               | 95.39                 | Current      | Current | 69,283                                       | 1,613,097      | 1,503,927      | 1,394,910      | 9.76        |
| 20 BATELEC II               | 870,158                | 565,120                               | 99.61                 | Res. Current | Current | 268,043                                      | 3,990,863      | 3,836,282      | 3,611,072      | 10.87       |
| 21 QUEZELCO II              | 104,270                | 33,804                                | 98.68                 | Current      | Current | 4,889                                        | 423,153        | 425,561        | 389,667        | 9.10        |
| <b>REGION IV-B</b>          |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 22 LUBELCO                  | 5,839                  | 3,329                                 | 100.00                | Current      | N/A     | 4,262                                        | 88,975         | 86,666         | 87,228         | 11.10       |
| 23 ORMECO                   | 255,209                | 193,849                               | 99.83                 | Current      | N/A     | 70,435                                       | 1,794,933      | 1,660,603      | 1,607,667      | 10.33       |
| 24 TIELCO                   | 63,610                 | 26,945                                | 100.00                | Current      | N/A     | 6,657                                        | 261,822        | 267,702        | 223,655        | 8.84        |
| 25 ROMELCO                  | 15,668                 | 15,042                                | 98.43                 | Current      | N/A     | 5,997                                        | 372,383        | 373,438        | 334,948        | 10.73       |
| 26 BISELCO                  | 69,600                 | 21,497                                | 100.00                | Current      | N/A     | 7,444                                        | 320,735        | 319,451        | 208,108        | 10.28       |
| 27 PALECO                   | 315,508                | 199,267                               | 95.90                 | Res. Current | N/A     | 55,096                                       | 985,173        | 986,441        | 866,812        | 10.79       |
| <b>REGION V</b>             |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 28 CANORECO                 | 276,233                | 124,605                               | 97.08                 | Current      | Current | 34,817                                       | 720,516        | 671,282        | 571,526        | 10.63       |
| 29 CASURECO I               | 60,474                 | 59,418                                | 100.00                | Res. Current | Current | 5,205                                        | 927,272        | 920,142        | 405,066        | 10.82       |
| 30 CASURECO II              | 545,362                | 262,000                               | 97.30                 | Current      | Current | 71,596                                       | 598,618        | 859,526        | 710,579        | 6.76        |
| 31 CASURECO IV              | 226,958                | 53,347                                | 100.00                | Current      | Current | 21,551                                       | 888,735        | 884,253        | 837,751        | 9.76        |
| <b>REGION VI</b>            |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 32 AKELCO                   | 388,874                | 273,168                               | 96.46                 | Current      | Current | 15,417                                       | 1,339,482      | 1,336,176      | 1,274,889      | 9.06        |
| 33 ANTECO                   | 155,187                | 93,591                                | 99.62                 | Current      | Current | 43,773                                       | 1,530,277      | 1,463,562      | 1,392,719      | 6.68        |
| 34 CAPELCO                  | 286,986                | 193,222                               | 98.41                 | Current      | Current | 23,519                                       | 1,055,355      | 1,039,267      | 1,052,027      | 9.37        |
| 35 ILECO I                  | 1,034,965              | 227,083                               | 98.88                 | Current      | Current | 49,909                                       | 1,667,785      | 1,638,135      | 1,475,243      | 7.42        |
| 36 ILECO II                 | 519,276                | 139,633                               | 98.22                 | Current      | Current | 26,853                                       | 1,220,239      | 1,260,625      | 1,111,882      | 11.25       |
| 37 ILECO III                | 246,586                | 82,111                                | 100.00                | Current      | Current | 25,161                                       | 491,645        | 475,927        | 506,026        | 6.27        |
| 38 CENECO                   | 1,147,352              | 599,569                               | 96.50                 | Current      | Current | 135,846                                      | 3,001,843      | 2,911,354      | 2,193,165      | 11.13       |

**CLASSIFICATION OF ELECTRIC COOPERATIVES**  
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| GREEN ELECTRIC COOPERATIVES |                    | PERFORMANCE INDICATORS |                                       |                       |              |         |                                              |                |                |                |             |
|-----------------------------|--------------------|------------------------|---------------------------------------|-----------------------|--------------|---------|----------------------------------------------|----------------|----------------|----------------|-------------|
|                             |                    | Working Capital Fund   | One Month Working Capital Requirement | Collection Efficiency | GENCO        | NGCP    | Result of Financial Operation* (Before RFSC) | Networth 2019* | Networth 2018* | Networth 2017* | System Loss |
|                             | <b>REGION VII</b>  |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 39                          | BANELCO            | 33,260                 | 26,925                                | 100.00                | Current      | N/A     | 5,102                                        | 400,700        | 386,699        | 263,170        | 11.80       |
| 40                          | CEBECO I           | 437,528                | 157,516                               | 99.18                 | Current      | Current | 42,211                                       | 1,281,808      | 1,148,332      | 977,128        | 9.98        |
| 41                          | CEBECO II          | 587,842                | 206,092                               | 97.44                 | Current      | Current | 91,713                                       | 1,609,310      | 1,545,627      | 1,179,139      | 8.99        |
| 42                          | CEBECO III         | 342,695                | 93,705                                | 100.00                | Current      | Current | 32,958                                       | 760,233        | 728,296        | 651,582        | 4.25        |
| 43                          | PROSIELCO          | 43,070                 | 19,222                                | 99.98                 | Current      | N/A     | 4,472                                        | 186,144        | 181,581        | 184,485        | 8.98        |
| 44                          | CELCO              | 19,157                 | 11,867                                | 100.00                | Current      | N/A     | 3,815                                        | 161,663        | 143,320        | 144,719        | 7.14        |
| 45                          | BOHECO I           | 364,132                | 148,919                               | 100.00                | Current      | Current | 34,700                                       | 1,263,487      | 1,195,278      | 1,160,837      | 6.20        |
| 46                          | BOHECO II          | 138,605                | 89,752                                | 98.42                 | Current      | Current | 53,877                                       | 694,313        | 638,160        | 578,960        | 9.57        |
|                             | <b>REGION VIII</b> |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 47                          | DORELCO            | 97,905                 | 53,366                                | 100.00                | Current      | Current | 20,279                                       | 619,517        | 591,919        | 511,922        | 10.95       |
| 48                          | LEYECO II          | 348,421                | 169,054                               | 99.32                 | Current      | Current | 36,149                                       | 593,877        | 578,257        | 623,356        | 2.91        |
| 49                          | LEYECO III         | 40,022                 | 35,945                                | 97.86                 | Current      | Current | 15,628                                       | 394,528        | 397,459        | 348,477        | 8.66        |
| 50                          | LEYECO IV          | 189,423                | 48,916                                | 99.65                 | Current      | Current | 24,520                                       | 561,008        | 548,196        | 394,126        | 10.44       |
| 51                          | LEYECO V           | 362,942                | 126,549                               | 97.01                 | Current      | Current | 62,145                                       | 1,478,238      | 1,438,115      | 1,430,305      | 6.92        |
| 52                          | NORSAMELCO         | 126,368                | 61,058                                | 97.69                 | Res. Current | Current | 40,990                                       | 154,186        | 157,125        | 48,971         | 8.85        |
| 53                          | SAMELCO II         | 130,504                | 55,484                                | 95.92                 | Current      | Current | 15,691                                       | 863,466        | 857,726        | 781,430        | 11.59       |
| 54                          | ESAMELCO           | 151,493                | 55,426                                | 100.00                | Current      | Current | 2,338                                        | 1,247,970      | 1,334,961      | 1,204,153      | 11.59       |
|                             | <b>REGION IX</b>   |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 55                          | ZAMSURECO I        | 341,714                | 151,453                               | 100.00                | Current      | Current | 44,791                                       | 1,653,887      | 1,569,603      | 1,347,277      | 11.90       |

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| GREEN ELECTRIC COOPERATIVES | PERFORMANCE INDICATORS |                                       |                       |         |         |                                              |                |                |                |             |
|-----------------------------|------------------------|---------------------------------------|-----------------------|---------|---------|----------------------------------------------|----------------|----------------|----------------|-------------|
|                             | Working Capital Fund   | One Month Working Capital Requirement | Collection Efficiency | GENCO   | NGCP    | Result of Financial Operation* (Before RFSC) | Networth 2019* | Networth 2018* | Networth 2017* | System Loss |
| <b>REGION X</b>             |                        |                                       |                       |         |         |                                              |                |                |                |             |
| 56 MORESCO I                | 342,244                | 230,949                               | 98.45                 | Current | Current | 88,575                                       | 1,435,927      | 1,448,874      | 1,165,179      | 3.23        |
| 57 BUSECO                   | 132,244                | 120,535                               | 98.52                 | Current | Current | 53,061                                       | 1,051,582      | 941,298        | 846,683        | 8.89        |
| 58 CAMELCO                  | 24,145                 | 21,653                                | 99.40                 | Current | Current | 10,577                                       | 336,738        | 327,689        | 346,891        | 11.75       |
| <b>REGION XI</b>            |                        |                                       |                       |         |         |                                              |                |                |                |             |
| 59 DASURECO                 | 368,515                | 246,882                               | 96.21                 | Current | Current | 55,159                                       | 2,033,241      | 2,001,459      | 1,754,791      | 7.25        |
| <b>REGION XII</b>           |                        |                                       |                       |         |         |                                              |                |                |                |             |
| 60 COTELCO                  | 220,950                | 143,313                               | 95.82                 | Current | Current | 63,855                                       | 1,640,974      | 1,579,262      | 1,351,207      | 10.22       |
| <b>CARAGA</b>               |                        |                                       |                       |         |         |                                              |                |                |                |             |
| 61 ANECO                    | 401,979                | 198,684                               | 99.08                 | Current | Current | 38,411                                       | 1,145,436      | 1,116,892      | 1,065,336      | 9.33        |
| 62 ASELCO                   | 173,029                | 169,088                               | 97.16                 | Current | Current | 44,504                                       | 1,506,525      | 1,475,589      | 1,197,790      | 8.53        |
| 63 SURNECO                  | 112,056                | 108,959                               | 97.17                 | Current | Current | 41,113                                       | 413,611        | 444,016        | 419,703        | 11.20       |
| 64 SIARELCO                 | 95,384                 | 20,608                                | 99.97                 | Current | Current | 24,379                                       | 314,393        | 284,084        | 234,837        | 8.57        |
| 65 DIELCO                   | 49,060                 | 11,470                                | 100.00                | Current | N/A     | 4,299                                        | 204,393        | 199,842        | 180,359        | 3.74        |
| 66 SURSECO I                | 59,764                 | 39,707                                | 98.19                 | Current | Current | 20,479                                       | 536,717        | 517,712        | 459,615        | 6.38        |

\* In Thousand Pesos

**CLASSIFICATION OF ELECTRIC COOPERATIVES**  
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| YELLOW-1 ELECTRIC COOPERATIVES |                    | PERFORMANCE INDICATORS |                                       |                       |              |         |                                              |                |                |                |             |
|--------------------------------|--------------------|------------------------|---------------------------------------|-----------------------|--------------|---------|----------------------------------------------|----------------|----------------|----------------|-------------|
|                                |                    | Working Capital Fund   | One Month Working Capital Requirement | Collection Efficiency | GENCO        | NGCP    | Result of Financial Operation* (Before RFSC) | Networth 2019* | Networth 2018* | Networth 2017* | System Loss |
|                                | <b>REGION I</b>    |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 1                              | INEC               | 198,662                | 170,686                               | 100.00                | Current      | Current | (31)                                         | 1,167,655      | 1,162,707      | 798,475        | 10.74       |
| 2                              | PANELCO I          | 240,757                | 92,567                                | 100.00                | Current      | Current | 21,396                                       | 753,641        | 990,856        | 771,799        | 12.97       |
|                                | <b>REGION II</b>   |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 3                              | BATANELCO          | 11,462                 | 7,516                                 | 91.21                 | Current      | N/A     | 418                                          | 336,516        | 337,764        | 354,319        | 2.79        |
| 4                              | CAGELCO I          | 546,736                | 277,998                               | 100.00                | Current      | Current | (390,592)                                    | 1,035,846      | 1,034,462      | 904,470        | 11.25       |
| 5                              | ISELCO II          | 125,385                | 206,761                               | 88.41                 | Current      | Current | 1,870                                        | 1,096,235      | 1,142,674      | 1,058,904      | 11.76       |
| 6                              | NUVELCO            | 178,146                | 116,237                               | 94.65                 | Current      | Current | 33,120                                       | 1,275,560      | 1,236,540      | 917,531        | 7.03        |
| 7                              | QUIRELCO           | 100,391                | 28,808                                | 99.35                 | Current      | Current | 15,870                                       | 468,132        | 443,502        | 275,854        | 16.08       |
|                                | <b>CAR</b>         |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 8                              | KAELCO             | 64,087                 | 31,816                                | 83.52                 | Current      | Current | 19,190                                       | 617,587        | 646,042        | 676,826        | 13.51       |
|                                | <b>REGION III</b>  |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 9                              | PELCO II           | 207,009                | 380,523                               | 100.00                | Res. Current | Current | (78,457)                                     | (455,893)      | (377,425)      | (600,392)      | 11.63       |
| 10                             | PENELCO            | 627,193                | 394,219                               | 97.99                 | Current      | Current | (13,092)                                     | 2,071,106      | 2,036,021      | 1,998,177      | 6.69        |
|                                | <b>REGION IV-A</b> |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 11                             | FLECO              | 73,014                 | 82,832                                | 99.56                 | Current      | Current | 14,504                                       | 510,346        | 504,085        | 483,584        | 10.80       |
| 12                             | QUEZELCO I         | 240,425                | 146,232                               | 97.87                 | Current      | Current | 8,115                                        | 1,265,693      | 1,062,457      | 989,178        | 18.51       |
|                                | <b>REGION IV-B</b> |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 13                             | OMECO              | 59,719                 | 71,178                                | 96.56                 | Current      | N/A     | 43,557                                       | 517,419        | 516,518        | 422,770        | 14.36       |
| 14                             | MARELCO            | 24,891                 | 33,725                                | 100.00                | Current      | N/A     | 4,761                                        | 377,442        | 476,495        | 144,766        | 11.56       |

**CLASSIFICATION OF ELECTRIC COOPERATIVES**  
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| YELLOW-1 ELECTRIC COOPERATIVES |                    | PERFORMANCE INDICATORS |                                       |                       |              |         |                                              |                |                |                |             |
|--------------------------------|--------------------|------------------------|---------------------------------------|-----------------------|--------------|---------|----------------------------------------------|----------------|----------------|----------------|-------------|
|                                |                    | Working Capital Fund   | One Month Working Capital Requirement | Collection Efficiency | GENCO        | NGCP    | Result of Financial Operation* (Before RFSC) | Networth 2019* | Networth 2018* | Networth 2017* | System Loss |
|                                | <b>REGION V</b>    |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 15                             | CASURECO III       | 126,170                | 79,723                                | 95.95                 | Current      | Current | 35,399                                       | (464,844)      | (351,643)      | (392,032)      | 11.95       |
| 16                             | SORECO I           | 63,910                 | 46,612                                | 94.01                 | Res. Current | Current | 20,142                                       | 324,695        | 327,094        | 407,065        | 13.74       |
| 17                             | SORECO II          | 169,229                | 103,503                               | 95.00                 | Res. Arrears | Current | (5,436)                                      | 718,711        | 724,414        | 624,377        | 12.69       |
| 18                             | FICELCO            | 48,724                 | 40,486                                | 100.00                | Current      | N/A     | 15,598                                       | 239,371        | 200,351        | 239,340        | 13.25       |
|                                | <b>REGION VI</b>   |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 19                             | GUIMELCO           | 29,012                 | 31,583                                | 96.98                 | Current      | Current | 37,397                                       | 434,426        | 411,016        | 397,762        | 9.45        |
| 20                             | NONECO             | 155,613                | 176,206                               | 100.00                | Current      | Current | 12,816                                       | 888,533        | 886,095        | 828,129        | 9.70        |
| 21                             | NOCECO             | 487,071                | 222,971                               | 100.00                | Current      | Current | (26,923)                                     | 1,427,179      | 1,455,318      | 1,189,128      | 12.02       |
|                                | <b>REGION VII</b>  |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 22                             | NORECO I           | 59,831                 | 62,661                                | 96.94                 | Current      | Current | 1,527                                        | 551,791        | 555,918        | 466,559        | 10.69       |
| 23                             | NORECO II          | 386,113                | 234,950                               | 96.07                 | Current      | Current | 14,002                                       | 1,500,017      | 1,495,936      | 1,259,767      | 12.62       |
|                                | <b>REGION VIII</b> |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 24                             | SOLECO             | 343,840                | 71,023                                | 100.00                | Current      | Current | 44,874                                       | 1,224,658      | 1,176,593      | 882,381        | 12.29       |
| 25                             | BILECO             | 110,519                | 24,728                                | 99.88                 | Current      | Current | 21,276                                       | 340,654        | 320,739        | 293,181        | 12.26       |
| 26                             | SAMELCO I          | 117,715                | 41,274                                | 94.67                 | Res. Current | Current | 54,799                                       | 458,174        | 418,057        | 336,148        | 7.78        |
|                                | <b>REGION IX</b>   |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 27                             | ZANECO             | 127,212                | 124,473                               | 98.92                 | Current      | Current | 67,542                                       | 993,520        | 867,283        | 696,723        | 12.55       |



**CLASSIFICATION OF ELECTRIC COOPERATIVES**  
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| YELLOW-1 ELECTRIC COOPERATIVES |                   | PERFORMANCE INDICATORS |                                       |                       |         |         |                                              |                |                |                |             |
|--------------------------------|-------------------|------------------------|---------------------------------------|-----------------------|---------|---------|----------------------------------------------|----------------|----------------|----------------|-------------|
|                                |                   | Working Capital Fund   | One Month Working Capital Requirement | Collection Efficiency | GENCO   | NGCP    | Result of Financial Operation* (Before RFSC) | Networth 2019* | Networth 2018* | Networth 2017* | System Loss |
|                                | <b>REGION X</b>   |                        |                                       |                       |         |         |                                              |                |                |                |             |
| 28                             | MOELCI II         | 76,226                 | 117,542                               | 96.20                 | Current | Current | 21,317                                       | 320,104        | 427,495        | 535,101        | 9.98        |
| 29                             | MORESCO II        | 129,802                | 100,307                               | 94.75                 | Current | Current | 39,296                                       | 536,008        | 706,848        | 338,530        | 11.59       |
| 30                             | FIBECO            | 73,747                 | 147,327                               | 96.65                 | Arrears | Current | 897                                          | 812,309        | 829,764        | 880,505        | 9.99        |
| 31                             | LANECO            | 75,047                 | 88,565                                | 97.34                 | Current | Current | 88,279                                       | 415,513        | 422,446        | 356,653        | 9.84        |
|                                | <b>REGION XI</b>  |                        |                                       |                       |         |         |                                              |                |                |                |             |
| 32                             | DORECO            | 46,946                 | 78,283                                | 93.89                 | Current | Current | 25,452                                       | 557,288        | 594,418        | 610,746        | 14.73       |
|                                | <b>REGION XII</b> |                        |                                       |                       |         |         |                                              |                |                |                |             |
| 33                             | COTELCO-PPALMA    | 43,906                 | 69,749                                | 95.78                 | Current | Current | 9,698                                        | 467,397        | 593,185        | 616,442        | 12.34       |
| 34                             | SOCOTECO I        | 466,562                | 165,414                               | 99.92                 | dns     | Current | 50,255                                       | 1,337,760      | 1,276,270      | 1,111,092      | 12.13       |
| 35                             | SOCOTECO II       | 543,217                | 639,541                               | 96.87                 | Current | Current | 71,787                                       | 1,664,930      | 1,555,600      | 1,373,665      | 2.91        |
| 36                             | SUKELCO           | 178,106                | 128,364                               | 95.47                 | dns     | Current | 30,824                                       | 1,466,667      | 1,428,529      | 1,369,198      | 11.42       |
|                                | <b>CARAGA</b>     |                        |                                       |                       |         |         |                                              |                |                |                |             |
| 37                             | SURSECO II        | 61,502                 | 70,140                                | 98.01                 | Current | Current | 39,022                                       | 334,197        | 324,344        | 250,854        | 11.87       |

\* In Thousand Pesos

**CLASSIFICATION OF ELECTRIC COOPERATIVES**  
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| YELLOW-2 ELECTRIC COOPERATIVES |                   | PERFORMANCE INDICATORS |                                       |                       |              |         |                                              |                |                |                |             |
|--------------------------------|-------------------|------------------------|---------------------------------------|-----------------------|--------------|---------|----------------------------------------------|----------------|----------------|----------------|-------------|
|                                |                   | Working Capital Fund   | One Month Working Capital Requirement | Collection Efficiency | GENCO        | NGCP    | Result of Financial Operation* (Before RFSC) | Networth 2019* | Networth 2018* | Networth 2017* | System Loss |
|                                | <b>REGION II</b>  |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 1                              | ISELCO I          | dns                    | dns                                   | dns                   | Current      | Current | dns                                          | dns            | 1,038,825      | 888,089        | 11.92       |
|                                | <b>CAR</b>        |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 2                              | IFELCO            | dns                    | dns                                   | dns                   | Current      | Current | dns                                          | dns            | 588,332        | 592,185        | 15.00       |
|                                | <b>REGION III</b> |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 3                              | PELCO III         | 132,026                | 138,089                               | 79.32                 | Arrears      | Current | 38,361                                       | (397,030)      | (440,972)      | (413,368)      | 10.29       |
|                                | <b>REGION IX</b>  |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 4                              | ZAMSURECO II      | 105,110                | 92,355                                | 89.77                 | Res. Arrears | Current | (6,445)                                      | 304,954        | 439,435        | 378,713        | 52.91       |
| 5                              | ZAMCELCO          | 1,684,059              | 392,428                               | 93.46                 | Res. Arrears | Current | (66,562)                                     | 2,122,660      | (207,423)      | (61,967)       | 21.66       |
|                                | <b>REGION X</b>   |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 6                              | MOELCI I          | dns                    | dns                                   | dns                   | Current      | Current | dns                                          | dns            | 253,377        | 232,721        | 11.01       |
|                                | <b>REGION XI</b>  |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 7                              | DANECO            | 264,869                | 356,612                               | 56.63                 | Res. Arrears | Current | 10,348                                       | 1,995,146      | 1,584,408      | 1,555,886      | 16.71       |
|                                | <b>ARMM</b>       |                        |                                       |                       |              |         |                                              |                |                |                |             |
| 8                              | SIASELCO          | dns                    | dns                                   | dns                   | Current      | N/A     | dns                                          | dns            | INC            | 73,364         | dns         |
| 9                              | CASELCO           | dns                    | dns                                   | dns                   | Res. Current | N/A     | dns                                          | dns            | dns            | 30,376         | dns         |

\* In Thousand Pesos

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| RED/AILING ELECTRIC COOPERATIVES |          | PERFORMANCE INDICATORS |                                       |                       |              |              |                                              |                |                |                |             |
|----------------------------------|----------|------------------------|---------------------------------------|-----------------------|--------------|--------------|----------------------------------------------|----------------|----------------|----------------|-------------|
|                                  |          | Working Capital Fund   | One Month Working Capital Requirement | Collection Efficiency | GENCO        | NGCP         | Result of Financial Operation* (Before RFSC) | Networth 2019* | Networth 2018* | Networth 2017* | System Loss |
| <b>LUZON</b>                     |          |                        |                                       |                       |              |              |                                              |                |                |                |             |
| 1                                | ABRECO   | 35,402                 | 41,999                                | dns                   | Res. Arrears | Current      | 17,523                                       | 4,552          | dns            | dns            | 15.62       |
| 2                                | ALECO    | 158,882                | 339,298                               | 78.80                 | Res. Arrears | Arrears      | (235,691)                                    | (930,248)      | (694,559)      | (744,715)      | 22.88       |
| 3                                | MASELCO  | dns                    | dns                                   | dns                   | Res. Arrears | N/A          | dns                                          | dns            | 238,990        | 137,933        | 13.26       |
| 4                                | TISELCO  | dns                    | dns                                   | dns                   | Res. Current | N/A          | dns                                          | dns            | 130,211        | (108,172)      | 12.10       |
| <b>MINDANAO</b>                  |          |                        |                                       |                       |              |              |                                              |                |                |                |             |
| 5                                | TAWELCO  | dns                    | dns                                   | dns                   | Arrears      | N/A          | dns                                          | dns            | dns            | (937,448)      | dns         |
| 6                                | BASELCO  | 4,615                  | 28,914                                | 58.20                 | Arrears      | N/A          | (35,910)                                     | (1,405,344)    | (1,361,872)    | dns            | dns         |
| 7                                | LASURECO | dns                    | dns                                   | dns                   | Arrears      | Arrears      | dns                                          | dns            | dns            | dns            | dns         |
| 8                                | SULECO   | 100,815                | 25,808                                | 33.58                 | Arrears      | N/A          | 5,310                                        | (865,854)      | (934,868)      | (943,601)      | 22.48       |
| 9                                | MAGELCO  | dns                    | dns                                   | dns                   | Arrears      | Res. Current | dns                                          | dns            | dns            | 843,862        | dns         |

\* In Thousand Pesos

## VI. Compliance to Financial and Operational Standards and Parameters

### 1. Cash General Fund

For the second quarter of 2019, there were 91 ECs that complied with the one month working capital requirement. 20 ECs were not able to comply, while ten (10) ECs were not evaluated for incomplete and non-submittal of required information.

Below is the summary of the quarterly EC compliance with the one month working capital requirement against cash general fund:

| Classification | 2019                    |                |                         |                | 2018                    |                |                         |                |
|----------------|-------------------------|----------------|-------------------------|----------------|-------------------------|----------------|-------------------------|----------------|
|                | 2 <sup>nd</sup> Quarter |                | 1 <sup>st</sup> Quarter |                | 4 <sup>th</sup> Quarter |                | 3 <sup>rd</sup> Quarter |                |
|                | Complied                | Did not Comply | Complied                | Did not Comply | Complied                | Did not Comply | Complied                | Did not Comply |
| Green          | 66                      | -              | 61                      | -              | 83                      | -              | 75                      | -              |
| Yellow-1       | 22                      | 15             | 22                      | 21             | 9                       | 15             | 17                      | 14             |
| Yellow-2       | 2                       | 2              | 1                       | 2              | -                       | 3              | 1                       | 2              |
| Red            | 1                       | 3              | 1                       | 3              | 2                       | 3              | 3                       | 2              |
| <b>Total</b>   | <b>91</b>               | <b>20</b>      | <b>85</b>               | <b>26</b>      | <b>94</b>               | <b>21</b>      | <b>96</b>               | <b>18</b>      |

### 2. Collection Efficiency

This refers to the capability of an EC to collect Consumer Accounts Receivables. The standard level is 95%.

| Classification | 2019                    |                |                         |           | 2018                    |                |                         |                |
|----------------|-------------------------|----------------|-------------------------|-----------|-------------------------|----------------|-------------------------|----------------|
|                | 2 <sup>nd</sup> Quarter |                | 1 <sup>st</sup> Quarter |           | 4 <sup>th</sup> Quarter |                | 4 <sup>th</sup> Quarter |                |
|                | Complied                | Did not Comply | Complied                | Complied  | Complied                | Did not Comply | Complied                | Did not Comply |
| Green          | 66                      | -              | 61                      | -         | 75                      | -              | 75                      | -              |
| Yellow-1       | 29                      | 8              | 37                      | 6         | 20                      | 15             | 17                      | 14             |
| Yellow-2       | -                       | 4              | -                       | 3         | 1                       | 3              | 1                       | 2              |
| Red            | -                       | 3              | -                       | 4         | -                       | 3              | 3                       | 2              |
| <b>Total</b>   | <b>95</b>               | <b>15</b>      | <b>98</b>               | <b>13</b> | <b>96</b>               | <b>21</b>      | <b>96</b>               | <b>18</b>      |

Ninety-five (95) ECs complied with the 95% standard on collection efficiency. Of the 95, 27 from Green and Yellow ECs have achieved 100% collection performance while 68 were able to collect 95% to 99.99% of their total consumer

electricity bills. The tables (Table 1 and Table 2) below summarize the number of ECs with 100% collection efficiency.

Table 1. Total Number of ECs with 100% Collection Efficiency

| Classification | 2019           |               | 2018           |               |
|----------------|----------------|---------------|----------------|---------------|
|                | Second Quarter | First Quarter | Fourth Quarter | Third Quarter |
| Green          | 18             | 10            | 22             | 18            |
| Yellow-1       | 9              | 11            | 3              | 5             |
| Total          | <b>27</b>      | 21            | 25             | 23            |

Table 2. List of ECs which achieved 100% collection performance

| No | 2019                    |                         | 2018                    |                         |
|----|-------------------------|-------------------------|-------------------------|-------------------------|
|    | 2 <sup>nd</sup> Quarter | 1 <sup>st</sup> Quarter | 4 <sup>th</sup> Quarter | 3 <sup>rd</sup> Quarter |
| 1  | CAGELCO II              | INEC                    | INEC                    | INEC                    |
| 2  | BENECO                  | TIELCO                  | ISECO                   | MOPRECO                 |
| 3  | NEECO II - Area 1       | BISELCO                 | PANELCO I               | NEECO II – A1           |
| 4  | NEECO II - Area 2       | CASURECO I              | CAGELCO II              | LUBELCO                 |
| 5  | LUBELCO                 | CASURECO IV             | BENECO                  | BISELCO                 |
| 6  | TIELCO                  | ILECO III               | NEECO II – A1           | CASURECO I              |
| 7  | CASURECO I              | CEBECO III              | LUBELCO                 | ILECO III               |
| 8  | CASURECO IV             | CELCO                   | TIELCO                  | NONECO                  |
| 9  | ILECO III               | SOLECO                  | BISELCO                 | NOCECO                  |
| 10 | BANELCO                 | DIELCO                  | CASURECO I              | BANELCO                 |
| 11 | CEBECO III              | PANELCO I               | CASURECO IV             | CEBECO I                |
| 12 | CELCO                   | CAGELCO I               | ILECO III               | CEBECO III              |
| 13 | BOHECO I                | BENECO                  | NOCECO                  | CELCO                   |
| 14 | DORELCO                 | NEECO II- A1            | BANELCO                 | BOHECO I                |
| 15 | ESAMELCO                | MARELCO                 | CEBECO III              | LEYECO V                |
| 16 | ZAMSURECO I             | FICELCO                 | PROSIELCO               | SOLECO                  |
| 17 | DIELCO                  | NONECO                  | CELCO                   | ESAMELCO                |
| 18 | BISELCO                 | NOCECO                  | BOHECO I                | ZAMSURECO I             |
| 19 | INEC                    | BANELCO                 | DORELCO                 | SIARELCO                |
| 20 | PANELCO I               | BILECO                  | SOLECO                  | DIELCO                  |

| No | 2019                    |                         | 2018                    |                         |
|----|-------------------------|-------------------------|-------------------------|-------------------------|
|    | 2 <sup>nd</sup> Quarter | 1 <sup>st</sup> Quarter | 4 <sup>th</sup> Quarter | 3 <sup>rd</sup> Quarter |
| 21 | CAGELCO I               | ESAMELCO                | ZAMSURECO I             | QUIRELCO                |
| 22 | MARELCO                 |                         | BUSECO                  | PELCO II                |
| 23 | FICELCO                 |                         | DIELCO                  | NORSAMELCO              |
| 24 | NONECO                  |                         | MARELCO                 |                         |
| 25 | NOCECO                  |                         | NONECO                  |                         |
| 26 | SOLECO                  |                         |                         |                         |
| 27 | PELCO II                |                         |                         |                         |

### 3. Payment to Power Suppliers/Transmission Company

This parameter refers to the ability of ECs to pay its power accounts to generating companies (GENCOs), and transmission bills to NGCP. For GENCOs, 105 ECs paid their power bill on time, maintaining a current status while for the transmission company 97 ECs sustained their current payment status. Twenty-one (21) Small Power Utilities Group (SPUG), the small Islands' electric cooperatives were only evaluated in their power payment to the power suppliers or generating companies. Below is the matrix of the status of payment to power suppliers/GENCOs (Table 1) and to transmission company (Table 2).

Table 1. Number of ECs that comply in their payments of GENCOs power accounts.

| Classification | 2019                        |                             |                             |                             | 2018                        |                             |                             |                             |
|----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|                | 2 <sup>nd</sup> Quarter     |                             | 1 <sup>st</sup> Quarter     |                             | 4 <sup>th</sup> Quarter     |                             | 3 <sup>rd</sup> Quarter     |                             |
|                | Current/<br>Res.<br>Current | Arrears/<br>Res.<br>Arrears | Current/<br>Res.<br>Current | Arrears/<br>Res.<br>Arrears | Current/<br>Res.<br>Current | Arrears/<br>Res.<br>Arrears | Current/<br>Res.<br>Current | Arrears/<br>Res.<br>Arrears |
| Green          | 66                          | -                           | 61                          | -                           | 83                          | -                           | 75                          | -                           |
| Yellow-1       | 33                          | 2                           | 40                          | 3                           | 22                          | 2                           | 30                          | 1                           |
| Yellow-2       | 5                           | 4                           | 5                           | 3                           | 2                           | 3                           | 2                           | 4                           |
| Red            | 1                           | 8                           | 1                           | 7                           | 1                           | 7                           | 1                           | 7                           |
| <b>Total</b>   | <b>105</b>                  | <b>14</b>                   | <b>107</b>                  | <b>13</b>                   | <b>108</b>                  | <b>12</b>                   | <b>108</b>                  | <b>12</b>                   |

\*2 ECs from Yellow-1 has not submitted their respective reports for GENCO

Table 2. Number of ECs that comply with their payments to the transmission company or NGCP accounts.

| Classification | 2019                        |                             |                             |                             | 2018                        |                             |                             |                             |
|----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|                | 2 <sup>nd</sup> Quarter     |                             | 1 <sup>st</sup> Quarter     |                             | 4 <sup>th</sup> Quarter     |                             | 3 <sup>rd</sup> Quarter     |                             |
|                | Current/<br>Res.<br>Current | Arrears/<br>Res.<br>Arrears | Current/<br>Res.<br>Current | Arrears/<br>Res.<br>Arrears | Current/<br>Res.<br>Current | Arrears/<br>Res.<br>Arrears | Current/<br>Res.<br>Current | Arrears/<br>Res.<br>Arrears |
| Green          | 56                          | -                           | 54                          | -                           | 71                          | -                           | 64                          | -                           |
| Yellow-1       | 33                          | -                           | 37                          | -                           | 22                          | -                           | 28                          | -                           |
| Yellow-2       | 7                           | -                           | 5                           | -                           | 2                           | 1                           | 3                           | 1                           |
| Red            | 2                           | 2                           | 1                           | 2                           | 1                           | 2                           | 1                           | 2                           |
| <b>Total</b>   | <b>98</b>                   | <b>2</b>                    | <b>97</b>                   | <b>2</b>                    | <b>96</b>                   | <b>3</b>                    | <b>96</b>                   | <b>3</b>                    |

Note: Only on-grid ECs.

The ECs under SPUG, and the status of their power accounts with GENCOs during the second quarter of 2019:

| Classification | SPUG      | Current/<br>Res. Current | Arrears/<br>Res. Arrears | No data<br>available |
|----------------|-----------|--------------------------|--------------------------|----------------------|
| Green          | 10        | 10                       | 0                        | -                    |
| Yellow-1       | 4         | 4                        | 0                        | -                    |
| Yellow-2       | 2         | 2                        | 0                        | -                    |
| Red            | 5         | 1                        | 4                        | -                    |
| <b>Total</b>   | <b>21</b> | <b>17</b>                | <b>4</b>                 | <b>-</b>             |

#### 4. Result of Financial Operation (Before RFSC)

This refers to the amount of revenue left after deducting all costs and expenses. One hundred one (101) ECs were diagnosed with having healthy financial performance as they registered net income. Additional 11 ECs was observed in the 2<sup>nd</sup> quarter assessment as follows:

| Classification | 2019                    |                   |                         |           | 2018                    |                   |                         |                   |
|----------------|-------------------------|-------------------|-------------------------|-----------|-------------------------|-------------------|-------------------------|-------------------|
|                | 2 <sup>nd</sup> Quarter |                   | 1 <sup>st</sup> Quarter |           | 4 <sup>th</sup> Quarter |                   | 3 <sup>rd</sup> Quarter |                   |
|                | Complied                | Did not<br>Comply | Complied                | Complied  | Complied                | Did not<br>Comply | Complied                | Did not<br>Comply |
| Green          | 66                      | -                 | 61                      | -         | 83                      | -                 | 75                      | -                 |
| Yellow-1       | 31                      | 6                 | 26                      | 17        | 24                      | -                 | 28                      | 3                 |
| Yellow-2       | 2                       | 3                 | 1                       | 2         | -                       | 4                 | 1                       | 2                 |
| Red            | 2                       | 2                 | 2                       | 2         | 4                       | 1                 | 3                       | 1                 |
| <b>Total</b>   | <b>101</b>              | <b>11</b>         | <b>90</b>               | <b>21</b> | <b>111</b>              | <b>5</b>          | <b>107</b>              | <b>6</b>          |

## 5. Net Worth

Net worth presents the EC's overall financial picture. It refers to the total value of assets minus the total liabilities. A positive net worth means that the assets outweigh liabilities. One hundred five (105) ECs were compliant in this parameter during the second quarter of the year.

The table below presents the total number of ECs and the status under this parameter:

| Classification | 2019                    |                |                         |          | 2018                    |                |                         |                |
|----------------|-------------------------|----------------|-------------------------|----------|-------------------------|----------------|-------------------------|----------------|
|                | 2 <sup>nd</sup> Quarter |                | 1 <sup>st</sup> Quarter |          | 4 <sup>th</sup> Quarter |                | 3 <sup>rd</sup> Quarter |                |
|                | Complied                | Did not Comply | Complied                | Complied | Complied                | Did not Comply | Complied                | Did not Comply |
| Green          | 66                      | -              | 61                      | -        | 83                      | -              | 75                      | -              |
| Yellow-1       | 35                      | 2              | 40                      | 3        | 21                      | 3              | 29                      | 2              |
| Yellow-2       | 3                       | 1              | 3                       | -        | 2                       | 1              | 2                       | 1              |
| Red            | 1                       | 3              | 1                       | 3        | 2                       | 3              | 1                       | 3              |
| <b>Total</b>   | <b>105</b>              | <b>6</b>       | 105                     | 6        | 108                     | 7              | 107                     | 6              |

Fourteen (14) ECs were able to increase their net worth by an increment of 100 million or more with ZAMCELCO having the highest increment with PhP 2.330 Billion followed by CENPELCO with PhP 447 Million.

Thirty-two (32) ECs registered a decline in their net worth. CASURECO II's decrease was at PhP 260.9 Million, followed by PANELCO I with PhP 237 Million.

| No | ELECTRIC COOPERATIVE | IN THOUSAND PESOS |               |                        |
|----|----------------------|-------------------|---------------|------------------------|
|    |                      | NETWORTH 2019     | NETWORTH 2018 | INCREMENT/ (DECREMENT) |
| 1  | ZAMCELCO             | 2,122,660         | (207,423)     | 2,330,083              |
| 2  | CENPELCO             | 1,603,356         | 1,155,959     | 447,397                |
| 3  | DANECO               | 1,995,146         | 1,584,408     | 410,738                |
| 4  | QUEZELCO I           | 1,265,693         | 1,062,457     | 203,236                |
| 5  | BATELEC II           | 3,990,863         | 3,836,282     | 154,581                |
| 6  | PELCO I              | 2,013,400         | 1,867,341     | 146,059                |
| 7  | ORMECO               | 1,794,933         | 1,660,603     | 134,330                |
| 8  | CEBECO I             | 1,281,808         | 1,148,332     | 133,476                |
| 9  | ZANECO               | 993,520           | 867,283       | 126,237                |
| 10 | BUSECO               | 1,051,582         | 941,298       | 110,284                |



| No                                         | ELECTRIC COOPERATIVE | IN THOUSAND PESOS |               |                           |
|--------------------------------------------|----------------------|-------------------|---------------|---------------------------|
|                                            |                      | NETWORTH 2019     | NETWORTH 2018 | INCREMENT/<br>(DECREMENT) |
| 11                                         | SOCOTECO II          | 1,664,930         | 1,555,600     | 109,330                   |
| 12                                         | BATELEC I            | 1,613,097         | 1,503,927     | 109,170                   |
| 13                                         | ISECO                | 1,191,249         | 1,088,239     | 103,010                   |
| 14                                         | NEECO II - Area 2    | 1,103,480         | 1,002,016     | 101,464                   |
| ECs that Registered a Decline in Net Worth |                      |                   |               |                           |
| 1                                          | ROMELCO              | 372,383           | 373,438       | (1,055)                   |
| 2                                          | BATANELCO            | 336,516           | 337,764       | (1,248)                   |
| 3                                          | PALECO               | 985,173           | 986,441       | (1,268)                   |
| 4                                          | SORECO I             | 324,695           | 327,094       | (2,399)                   |
| 5                                          | QUEZELCO II          | 423,153           | 425,561       | (2,408)                   |
| 6                                          | LEYECO III           | 394,528           | 397,459       | (2,931)                   |
| 7                                          | NORSAMELCO           | 154,186           | 157,125       | (2,939)                   |
| 8                                          | NORECO I             | 551,791           | 555,918       | (4,127)                   |
| 9                                          | SORECO II            | 718,711           | 724,414       | (5,703)                   |
| 10                                         | TIELCO               | 261,822           | 267,702       | (5,880)                   |
| 11                                         | LANECO               | 415,513           | 422,446       | (6,933)                   |
| 12                                         | MORESCO I            | 1,435,927         | 1,448,874     | (12,947)                  |
| 13                                         | FIBECO               | 812,309           | 829,764       | (17,455)                  |
| 14                                         | NOCECO               | 1,427,179         | 1,455,318     | (28,139)                  |
| 15                                         | KAELCO               | 617,587           | 646,042       | (28,455)                  |
| 16                                         | SURNECO              | 413,611           | 444,016       | (30,405)                  |
| 17                                         | DORECO               | 557,288           | 594,418       | (37,130)                  |
| 18                                         | ILECO II             | 1,220,239         | 1,260,625     | (40,386)                  |
| 19                                         | BASELCO              | (1,405,344)       | (1,361,872)   | (43,472)                  |
| 20                                         | ISELCO II            | 1,096,235         | 1,142,674     | (46,439)                  |
| 21                                         | NEECO I              | 1,006,325         | 1,053,916     | (47,591)                  |
| 22                                         | PELCO II             | (455,893)         | (377,425)     | (78,468)                  |
| 23                                         | ESAMELCO             | 1,247,970         | 1,334,961     | (86,991)                  |
| 24                                         | MARELCO              | 377,442           | 476,495       | (99,053)                  |
| 25                                         | MOELCI II            | 320,104           | 427,495       | (107,391)                 |
| 26                                         | CASURECO III         | (464,844)         | (351,643)     | (113,201)                 |
| 27                                         | COTELCO-PPALMA       | 467,397           | 593,185       | (125,788)                 |

| No | ELECTRIC COOPERATIVE | IN THOUSAND PESOS |               |                        |
|----|----------------------|-------------------|---------------|------------------------|
|    |                      | NETWORTH 2019     | NETWORTH 2018 | INCREMENT/ (DECREMENT) |
| 28 | ZAMSURECO II         | 304,954           | 439,435       | (134,481)              |
| 29 | MORESCO II           | 536,008           | 706,848       | (170,840)              |
| 30 | ALECO                | (930,248)         | (694,559)     | (235,689)              |
| 31 | PANELCO I            | 753,641           | 990,856       | (237,215)              |
| 32 | CASURECO II          | 598,618           | 859,526       | (260,908)              |

## VII. Compliance to Technical Standards and Parameters

1. **System Loss** is the difference between energy input and energy output. System loss indicates the efficiency of the Electric Cooperatives' distribution system.

The national average level in system loss was 11.12%. Ninety (90) ECs were assessed as within the 12% system loss cap, fifty – one (51) of which have single - digit. Twenty – five (25) ECs had exceeded the system loss cap ranging from 12.02% to 52.91%. Six (6) ECs have not submitted their reports for the second quarter evaluation.

Below is the distribution matrix of the total number of ECs in each compliance level during the second quarter of 2019:

| Classification | Number of ECs |                         |               |          | Total      |
|----------------|---------------|-------------------------|---------------|----------|------------|
|                | Single-Digit  | Double-Digit Within 12% | Above 12% Cap | No Data  |            |
| Green          | 41            | 25                      | -             | -        | 66         |
| Yellow-1       | 10            | 11                      | 16            | -        | 37         |
| Yellow-2       | -             | 3                       | 4             | 2        | 9          |
| Red            | -             | -                       | 5             | 4        | 9          |
| <b>Total</b>   | <b>51</b>     | <b>39</b>               | <b>25</b>     | <b>6</b> | <b>121</b> |

Progress in system loss as one parameter that affect the ECs' technical performance from the 2<sup>nd</sup> quarter of 2019 versus the last two (1<sup>st</sup> quarter of 2019 and 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2018) is presented in the table below:

| Classification                      | 2019                    |            |                         |     |                         |     |                         |     |
|-------------------------------------|-------------------------|------------|-------------------------|-----|-------------------------|-----|-------------------------|-----|
|                                     | 2 <sup>nd</sup> Quarter |            | 1 <sup>st</sup> Quarter |     | 4 <sup>th</sup> Quarter |     | 3 <sup>rd</sup> Quarter |     |
|                                     | No. of EC               | %          | No. of EC               | %   | No. of EC               | %   | No. of EC               | %   |
| Single Digit                        | 51                      | 42         | 54                      | 45  | 51                      | 42  | 44                      | 37  |
| Double Digit but within the 12% Cap | 39                      | 32         | 34                      | 28  | 52                      | 43  | 54                      | 45  |
| Above the 12% cap                   | 25                      | 21         | 27                      | 23  | 14                      | 12  | 20                      | 16  |
| No Data                             | 6                       | 5          | 5                       | 4   | 3                       | 3   | 2                       | 2   |
| <b>Total</b>                        | <b>121</b>              | <b>100</b> | 120                     | 100 | 120                     | 100 | 120                     | 100 |

### Status of System Loss per EC for the Second Quarter of 2019

#### a. Single-Digit System Loss (51 ECs)

| Electric Cooperatives | System Loss (%) | Electric Cooperatives | System Loss (%) |
|-----------------------|-----------------|-----------------------|-----------------|
| BATANELCO             | 2.79            | PRESCO                | 8.79            |
| LEYECO II             | 2.91            | TARELCO I             | 8.83            |
| SOCOTECO II           | 2.91            | TIELCO                | 8.84            |
| MORESCO I             | 3.23            | NORSAMELCO            | 8.85            |
| DIELCO                | 3.74            | BUSECO                | 8.89            |
| CEBECO III            | 4.25            | PANELCO III           | 8.91            |
| BOHECO I              | 6.20            | SAJELCO               | 8.93            |
| ILECO III             | 6.27            | PROSIELCO             | 8.98            |
| SURSECO I             | 6.38            | CEBECO II             | 8.99            |
| PELCO I               | 6.68            | AKELCO                | 9.06            |
| ANTECO                | 6.68            | QUEZELCO II           | 9.10            |
| PENELCO               | 6.69            | ANECO                 | 9.33            |
| CASURECO II           | 6.76            | CAPELCO               | 9.37            |
| LEYECO V              | 6.92            | GUIMELCO              | 9.45            |
| NUVELCO               | 7.03            | CENPELCO              | 9.52            |
| CELCO                 | 7.14            | BOHECO II             | 9.57            |

|                   |      |             |      |
|-------------------|------|-------------|------|
| DASURECO          | 7.25 | MOPRECO     | 9.60 |
| BENECO            | 7.40 | ZAMECO I    | 9.63 |
| ILECO I           | 7.42 | NONECO      | 9.70 |
| SAMELCO I         | 7.78 | CASURECO IV | 9.76 |
| TARELCO II        | 8.47 | BATELEC I   | 9.76 |
| NEECO II - Area 2 | 8.48 | LANECO      | 9.84 |
| ASELCO            | 8.53 | MOELCI II   | 9.98 |
| SIARELCO          | 8.57 | CEBECO I    | 9.98 |
| LEYECO III        | 8.66 | FIBECO      | 9.99 |
| NEECO I           | 8.67 |             |      |

**b. Double Digit System Loss but within the 12% Cap (39 ECs)**

| <b>Electric Cooperatives</b> | <b>System Loss (%)</b> | <b>Electric Cooperatives</b> | <b>System Loss (%)</b> |
|------------------------------|------------------------|------------------------------|------------------------|
| ZAMECO II                    | 10.17                  | LUBELCO                      | 11.10                  |
| LUELCO                       | 10.21                  | CENECO                       | 11.13                  |
| COTELCO                      | 10.22                  | SURNECO                      | 11.20                  |
| ISECO                        | 10.24                  | ILECO II                     | 11.25                  |
| BISELCO                      | 10.28                  | CAGELCO I                    | 11.25                  |
| PELCO III                    | 10.29                  | SUKELCO                      | 11.42                  |
| ORMECO                       | 10.33                  | NEECO II - Area 1            | 11.47                  |
| AURELCO                      | 10.33                  | MARELCO                      | 11.56                  |
| LEYECO IV                    | 10.44                  | SAMELCO II                   | 11.59                  |
| CANORECO                     | 10.63                  | ESAMELCO                     | 11.59                  |
| NORECO I                     | 10.69                  | MORESCO II                   | 11.59                  |
| ROMELCO                      | 10.73                  | PELCO II                     | 11.63                  |
| INEC                         | 10.74                  | CAMELCO                      | 11.75                  |
| PALECO                       | 10.79                  | ISELCO II                    | 11.76                  |
| FLECO                        | 10.80                  | BANELCO                      | 11.80                  |
| CASURECO I                   | 10.82                  | SURSECO II                   | 11.87                  |
| BATELEC II                   | 10.87                  | ZAMSURECO I                  | 11.90                  |
| CAGELCO II                   | 10.90                  | ISELCO I                     | 11.92                  |
| DORELCO                      | 10.95                  | CASURECO III                 | 11.95                  |
| MOELCI I                     | 11.01                  |                              |                        |

c. **System Loss above the 12% Cap (25 ECs)**

| <b>Electric Cooperatives</b> | <b>System Loss (%)</b> | <b>Electric Cooperatives</b> | <b>System Loss (%)</b> |
|------------------------------|------------------------|------------------------------|------------------------|
| NOCECO                       | 12.02                  | SORECO I                     | 13.74                  |
| TISELCO                      | 12.10                  | OMEACO                       | 14.36                  |
| SOCOTECO I                   | 12.13                  | DORECO                       | 14.73                  |
| BILECO                       | 12.26                  | IFELCO                       | 15.00                  |
| SOLECO                       | 12.29                  | ABRECO                       | 15.62                  |
| COTELCO-PPALMA               | 12.34                  | QUIRELCO                     | 16.08                  |
| ZANECO                       | 12.55                  | DANECO                       | 16.71                  |
| NORECO II                    | 12.62                  | QUEZELCO I                   | 18.51                  |
| SORECO II                    | 12.69                  | ZAMCELCO                     | 21.66                  |
| PANELCO I                    | 12.97                  | SULECO                       | 22.48                  |
| FICELCO                      | 13.25                  | ALECO                        | 22.88                  |
| MASELCO                      | 13.26                  | ZAMSURECO II                 | 52.91                  |
| KAELCO                       | 13.51                  |                              |                        |

Problems on high system loss have been a continuing concern. Some of the causes include:

- a. Pilferages;
- b. Defective meters;
- c. Overloaded system;
- d. Erratic billing cycles;
- e. Delayed implementation of Capital Expenditures project due to regulatory requirements; and
- f. Other concerns such as right of way and old, dilapidated distribution system

To improve the system loss level, the ECs undertake the following programs:

- a. Replacement of defective, malfunctioning and inoperative kwh meters;
- b. Pole meter clustering;
- c. Vegetation management or right of way clearing;
- d. Line upgrading, line conversion and line rehabilitation;
- e. Transformer load management which involves load centering of distribution transformer; and
- f. Upgrading of overload distribution transformers
- g. Strict implementation of Anti-Pilferage and disconnection campaign

2. **Power Reliability** is the ability to meet the electricity needs of end-use customers.

a. **System Average Interruption Frequency Index (SAIFI)** is defined as the total number of sustained customer power interruptions within a given period divided by the total number of customers served within the same period. The standard is 25 interruptions per consumer per year for on-grid EC; and 30 interruptions annually for off-grid EC.

For the second quarter of 2019, out of the 115 ECs which submitted data on SAIFI, 107 are within the standard while eight (8) ECs have exceeded the standard interruption frequency per year. Six (6) ECs have not submitted the required information.

|    | Electric Cooperative | SAIFI |    | Electric Cooperative | SAIFI |
|----|----------------------|-------|----|----------------------|-------|
| 1  | PANELCO III          | 0.40  | 26 | BATELEC II           | 2.78  |
| 2  | MOPRECO              | 0.70  | 27 | SAJELCO              | 2.78  |
| 3  | COTELCO-PPALMA       | 0.76  | 28 | SUKELCO              | 2.84  |
| 4  | NONECO               | 0.81  | 29 | LEYECO III           | 3.07  |
| 5  | LUELCO               | 0.89  | 30 | BOHECO I             | 3.25  |
| 6  | PRESCO               | 1.00  | 31 | CAGELCO I            | 3.40  |
| 7  | PENELCO              | 1.37  | 32 | ANECO                | 3.41  |
| 8  | PELCO III            | 1.57  | 33 | NEECO II - Area 2    | 3.45  |
| 9  | ISELCO I             | 1.68  | 34 | NEECO I              | 3.49  |
| 10 | SIARELCO             | 1.77  | 35 | GUIMELCO             | 3.52  |
| 11 | CEBECO III           | 2.01  | 36 | BATELEC I            | 3.59  |
| 12 | BATANELCO            | 2.09  | 37 | TARELCO II           | 3.66  |
| 13 | FLECO                | 2.13  | 38 | CANORECO             | 3.69  |
| 14 | PELCO I              | 2.18  | 39 | ROMELCO              | 3.76  |
| 15 | CASURECO III         | 2.18  | 40 | CAGELCO II           | 3.77  |
| 16 | BOHECO II            | 2.25  | 41 | ANTECO               | 3.79  |
| 17 | CASURECO IV          | 2.30  | 42 | ILECO I              | 3.89  |
| 18 | ISECO                | 2.38  | 43 | SAMELCO II           | 3.92  |
| 19 | ISELCO II            | 2.39  | 44 | BUSECO               | 3.98  |
| 20 | NOCECO               | 2.59  | 45 | ESAMELCO             | 4.01  |
| 21 | QUEZELCO II          | 2.66  | 46 | ILECO II             | 4.02  |
| 22 | AURELCO              | 2.66  | 47 | CAPELCO              | 4.03  |
| 23 | NEECO II - Area 1    | 2.71  | 48 | SORECO II            | 4.04  |
| 24 | KAELCO               | 2.73  | 49 | CEBECO II            | 4.10  |
| 25 | MORESCO I            | 2.77  | 50 | ILECO III            | 4.13  |

|    | Electric Cooperative | SAIFI |     | Electric Cooperative | SAIFI |
|----|----------------------|-------|-----|----------------------|-------|
| 51 | SULECO               | 4.25  | 84  | MOELCI II            | 6.14  |
| 52 | CASURECO I           | 4.33  | 85  | BANELCO              | 6.20  |
| 53 | LEYECO IV            | 4.36  | 86  | CEBECO I             | 6.23  |
| 54 | DORELCO              | 4.42  | 87  | DANECO               | 6.32  |
| 55 | AKELCO               | 4.52  | 88  | SOCOTECO II          | 6.46  |
| 56 | INEC                 | 4.55  | 89  | DASURECO             | 6.50  |
| 57 | SAMELCO I            | 4.60  | 90  | SORECO I             | 6.89  |
| 58 | SURSECO I            | 4.68  | 91  | TISELCO              | 7.08  |
| 59 | ZAMSURECO I          | 4.69  | 92  | SURSECO II           | 7.20  |
| 60 | LANECO               | 4.71  | 93  | CENPELCO             | 7.25  |
| 61 | MORESCO II           | 4.76  | 94  | CASURECO II          | 7.49  |
| 62 | SURNECO              | 4.76  | 95  | ZANECO               | 8.06  |
| 63 | LEYECO II            | 4.78  | 96  | NUVELCO              | 8.94  |
| 64 | ASELCO               | 4.80  | 97  | ORMECO               | 9.46  |
| 65 | ABRECO               | 4.81  | 98  | DORECO               | 9.77  |
| 66 | TIELCO               | 4.90  | 99  | MARELCO              | 10.13 |
| 67 | ZAMECO II            | 4.96  | 100 | TARELCO I            | 10.49 |
| 68 | SOLECO               | 5.00  | 101 | ZAMSURECO II         | 10.53 |
| 69 | BENECO               | 5.13  | 102 | DIELCO               | 10.64 |
| 70 | COTELCO              | 5.17  | 103 | BILECO               | 10.84 |
| 71 | CENECO               | 5.18  | 104 | PALECO               | 11.85 |
| 72 | PANELCO I            | 5.22  | 105 | FICELCO              | 11.99 |
| 73 | NORECO I             | 5.36  | 106 | PROSIELCO            | 12.49 |
| 74 | NORSAMELCO           | 5.37  | 107 | IFELCO               | 13.19 |
| 75 | PELCO II             | 5.56  | 108 | MASELCO              | 13.63 |
| 76 | QUEZELCO I           | 5.59  | 109 | OMECO                | 16.16 |
| 77 | FIBECO               | 5.63  | 110 | CELCO                | 17.09 |
| 78 | ZAMECO I             | 5.78  | 111 | CAMELCO              | 17.85 |
| 79 | LEYECO V             | 5.91  | 112 | ALECO                | 22.05 |
| 80 | NORECO II            | 5.99  | 113 | LUBELCO              | 30.67 |
| 81 | BISELCO              | 6.01  | 114 | ZAMCELCO             | 33.18 |
| 82 | MOELCI I             | 6.11  | 115 | BASELCO              | 38.66 |
| 83 | SOCOTECO I           | 6.12  |     |                      |       |

Note: *Within Standard*  
*Exceeded Standard*

**B. System Average Interruption Duration Index (SAIDI)** is defined as the total duration of sustained customer power interruptions within a given period divided by the total number of customers served within the same period. The standard, acceptable duration of power interruptions per consumer for second quarter is 1,350 minutes for on-grid EC; and 1,687.5 minutes for off-grid EC per semi-annual.

Of the 115 ECs which submitted the required data, 111 are within the standard while 4 ECs had a longer outage compared to the standard average duration.

|    | Electric Cooperative | SAIDI  |    | Electric Cooperative | SAIDI  |
|----|----------------------|--------|----|----------------------|--------|
| 1  | COTELCO-PPALMA       | 7.34   | 26 | ILECO I              | 112.61 |
| 2  | PANELCO III          | 12.25  | 27 | SAJELCO              | 113.27 |
| 3  | PELCO III            | 14.53  | 28 | CASURECO IV          | 117.76 |
| 4  | MOPRECO              | 18.96  | 29 | KAELCO               | 124.37 |
| 5  | CASURECO III         | 28.03  | 30 | PELCO I              | 129.75 |
| 6  | BATANELCO            | 50.01  | 31 | PENELCO              | 137.53 |
| 7  | ILECO II             | 50.84  | 32 | TISELCO              | 140.47 |
| 8  | ISELCO II            | 54.38  | 33 | BOHECO II            | 147.53 |
| 9  | FLECO                | 55.11  | 34 | CENECO               | 147.79 |
| 10 | ROMELCO              | 56.87  | 35 | SAMELCO I            | 153.42 |
| 11 | TARELCO II           | 59.09  | 36 | CEBECO III           | 160.86 |
| 12 | ILECO III            | 62.32  | 37 | NEECO II - Area 1    | 174.07 |
| 13 | LEYECO III           | 62.87  | 38 | QUEZELCO I           | 176.87 |
| 14 | ISELCO I             | 64.50  | 39 | NORSAMELCO           | 178.40 |
| 15 | SUKELCO              | 71.13  | 40 | BATELEC I            | 181.62 |
| 16 | NEECO I              | 73.43  | 41 | LEYECO II            | 188.56 |
| 17 | PRESCO               | 76.42  | 42 | ANTECO               | 190.37 |
| 18 | COTELCO              | 87.34  | 43 | CAGELCO I            | 192.21 |
| 19 | LUELCO               | 91.61  | 44 | NORECO II            | 193.75 |
| 20 | LANECO               | 95.94  | 45 | DORELCO              | 197.20 |
| 21 | NONECO               | 96.31  | 46 | AURELCO              | 201.01 |
| 22 | BATELEC II           | 106.49 | 47 | ASELCO               | 201.22 |
| 23 | CANORECO             | 107.11 | 48 | SAMELCO II           | 203.71 |
| 24 | ISECO                | 109.36 | 49 | CASURECO II          | 203.83 |
| 25 | ZAMECO II            | 109.80 | 50 | GUIMELCO             | 209.31 |



|    | <b>Electric Cooperative</b> | <b>SAIDI</b> |     | <b>Electric Cooperative</b> | <b>SAIDI</b> |
|----|-----------------------------|--------------|-----|-----------------------------|--------------|
| 51 | CAGELCO II                  | 211.19       | 84  | ORMECO                      | 380.15       |
| 52 | CENPELCO                    | 212.16       | 85  | SURNECO                     | 384.36       |
| 53 | ANECO                       | 214.29       | 86  | NUVELCO                     | 386.01       |
| 54 | DIELCO                      | 218.07       | 87  | SORECO II                   | 387.15       |
| 55 | SULECO                      | 230.45       | 88  | BUSECO                      | 387.51       |
| 56 | CASURECO I                  | 233.47       | 89  | CEBECO I                    | 389.26       |
| 57 | BISELCO                     | 234.77       | 90  | LEYECO V                    | 404.66       |
| 58 | LEYECO IV                   | 235.25       | 91  | PANELCO I                   | 421.43       |
| 59 | ZAMECO I                    | 243.83       | 92  | CELCO                       | 439.09       |
| 60 | ABRECO                      | 244.93       | 93  | SOCOTECO I                  | 440.56       |
| 61 | NOCECO                      | 248.92       | 94  | SOLECO                      | 448.45       |
| 62 | QUEZELCO II                 | 256.90       | 95  | SOCOTECO II                 | 478.79       |
| 63 | ZAMSURECO I                 | 259.20       | 96  | OMECO                       | 484.68       |
| 64 | DANECO                      | 262.49       | 97  | SURSECO I                   | 495.96       |
| 65 | AKELCO                      | 263.41       | 98  | TARELCO I                   | 536.87       |
| 66 | DASURECO                    | 274.06       | 99  | INEC                        | 577.69       |
| 67 | PELCO II                    | 277.22       | 100 | CAMELCO                     | 617.07       |
| 68 | MORESCO I                   | 282.53       | 101 | ALECO                       | 692.69       |
| 69 | DORECO                      | 282.80       | 102 | MOELCI I                    | 715.12       |
| 70 | NEECO II - Area 2           | 285.02       | 103 | BENECO                      | 735.33       |
| 71 | CAPELCO                     | 285.96       | 104 | MARELCO                     | 766.81       |
| 72 | MOELCI II                   | 292.05       | 105 | PALECO                      | 778.17       |
| 73 | TIELCO                      | 310.42       | 106 | PROSIELCO                   | 798.70       |
| 74 | SIARELCO                    | 311.75       | 107 | FICELCO                     | 813.46       |
| 75 | FIBECO                      | 313.92       | 108 | ZAMSURECO II                | 1,144.59     |
| 76 | BOHECO I                    | 315.51       | 109 | ZAMCELCO                    | 1,155.71     |
| 77 | CEBECO II                   | 325.84       | 110 | IFELCO                      | 1,192.87     |
| 78 | SORECO I                    | 336.66       | 111 | BILECO                      | 1,419.15     |
| 79 | NORECO I                    | 348.13       | 112 | LUBELCO                     | 1,421.97     |
| 80 | SURSECO II                  | 358.09       | 113 | MASELCO                     | 1,693.09     |
| 81 | MORESCO II                  | 360.28       | 114 | BASELCO                     | 4,471.76     |
| 82 | ESAMELCO                    | 364.80       | 115 | ZANECO                      | 4,952.49     |
| 83 | BANELCO                     | 375.12       |     |                             |              |

Note: *Within Standard*  
*Exceeded Standard*

## VIII. Compliance to Institutional Standards and Parameters

Institutional standards and parameters were set by the NEA to measure the ECs' performance and capability on governance, leadership and management towards efficient service delivery and timely response to customer complaints, queries and requests. The parameters also measure the ability of the management to initiate empowerment programs for the MCOs through information, education and communication. This is to trigger greater participation and involvement of MCOs in the activities of the electric cooperatives.

Basis for the assessment are the following criteria and parameters:

| Good Governance                        | Weight      | Leadership and Management       | Weight     | Stakeholders                 | Weight     |
|----------------------------------------|-------------|---------------------------------|------------|------------------------------|------------|
| Cash Advances / Power Accounts Payable | 10%         | Employee - Consumer Ratio       | 10%        | Customer Service Standards   | 14%        |
| Board of Directors Attendance          | 10%         | Availability of Retirement Fund | 10%        | Conduct of AGMA              | 6%         |
| Continuing Qualifications              | 10%         |                                 |            | District Election            | 6%         |
| Absence of verified complaint          | 5%          |                                 |            | Action on Consumer Complaint | 4%         |
| Organizational Restructuring           | 5%          |                                 |            |                              |            |
| IT Infrastructure                      | 5%          |                                 |            |                              |            |
| Audit rating                           | 5%          |                                 |            |                              |            |
| <b>Sub-Total</b>                       | <b>50%</b>  |                                 | <b>20%</b> |                              | <b>30%</b> |
| <b>Total</b>                           | <b>100%</b> |                                 |            |                              |            |

After evaluation, the summary of the result on the ECs' compliances to governance and institutional standards for 2019 are summarized below:

| Particulars         | Rating        | 2nd Quarter |     | 1st Quarter |     |
|---------------------|---------------|-------------|-----|-------------|-----|
|                     |               | No.         | %   | No.         | %   |
| Compliant           | 80% and above | 111         | 92  | 110         | 91  |
| Partially Compliant | 60 - 79%      | 2           | 1   | 3           | 2   |
| Non-Compliant       | Below 60%     | 8           | 7   | 8           | 7   |
| <b>Total</b>        |               | 121         | 100 | 121         | 100 |

For the second quarter of 2019, one hundred eleven (111) ECs or 92% are compliant while two (2) or 1% are partially compliant. Eight (8) ECs or 7% got a rating of below 60% or non-compliant.

For the first quarter of 2019, one hundred ten (110) ECs or 91% are compliant while three (3) or 2% are partially compliant. Eight (8) ECs or 7% got a rating of below 60% or non-compliant.

Forty – five (45) ECs were able to score an average rating of 100%, Forty (40) were in the range of 95-99% while thirteen (13) ECs were within the 90-94% mark. TISELCO received the lowest rating with 32%.

Below is the result, listing the ECs on a per performance rating:

| <b>COMPLIANT</b>             |                  |                       |                              |             |                       |
|------------------------------|------------------|-----------------------|------------------------------|-------------|-----------------------|
| <b>Electric Cooperatives</b> |                  | <b>Average Rating</b> | <b>Electric Cooperatives</b> |             | <b>Average Rating</b> |
| 1                            | INEC             | 100                   | 13                           | FLECO       | 100                   |
| 2                            | ISECO            | 100                   | 14                           | QUEZELCO II | 100                   |
| 3                            | LUELCO           | 100                   | 15                           | MARELCO     | 100                   |
| 4                            | CAGELCO I        | 100                   | 16                           | TIELCO      | 100                   |
| 5                            | CAGELCO II       | 100                   | 17                           | CASURECO IV | 100                   |
| 6                            | ISELCO I         | 100                   | 18                           | ILECO II    | 100                   |
| 7                            | AURELCO          | 100                   | 19                           | ILECO III   | 100                   |
| 8                            | TARELCO II       | 100                   | 20                           | GUIMELCO    | 100                   |
| 9                            | NEECO I          | 100                   | 21                           | NONECO      | 100                   |
| 10                           | NEECO II -AREA 2 | 100                   | 22                           | NORECO II   | 100                   |
| 11                           | PELCO I          | 100                   | 23                           | BANELCO     | 100                   |
| 12                           | ZAMECO I         | 100                   | 24                           | CEBECO I    | 100                   |

| Electric Cooperatives |                 | Average Rating | Electric Cooperatives |             | Average Rating |
|-----------------------|-----------------|----------------|-----------------------|-------------|----------------|
| 25                    | CEBECO II       | 100            | 54                    | PRESCO      | 98             |
| 26                    | PROSIELCO       | 100            | 55                    | CENECO      | 98             |
| 27                    | LEYECO III      | 100            | 56                    | LEYECO IV   | 98             |
| 28                    | SOLECO          | 100            | 57                    | ZAMSURECO I | 98             |
| 29                    | SAMELCO II      | 100            | 58                    | DORECO      | 98             |
| 30                    | ZANECO          | 100            | 59                    | PANELCO III | 97             |
| 31                    | ZAMSURECO II    | 100            | 60                    | MOPRECO     | 97             |
| 32                    | MORESCO II      | 100            | 61                    | PELCO III   | 97             |
| 33                    | FIBECO          | 100            | 62                    | PENELCO     | 97             |
| 34                    | LANECO          | 100            | 63                    | LUBELCO     | 97             |
| 35                    | DASURECO        | 100            | 64                    | ORMECO      | 97             |
| 36                    | COTELCO         | 100            | 65                    | ROMELCO     | 97             |
| 37                    | SOCOTECO I      | 100            | 66                    | CASURECO I  | 97             |
| 38                    | SOCOTECO II     | 100            | 67                    | LEYECO II   | 97             |
| 39                    | ANECO           | 100            | 68                    | NORSAMELCO  | 97             |
| 40                    | ASELCO          | 100            | 69                    | BUSECO      | 97             |
| 41                    | SURNECO         | 100            | 70                    | CAMELCO     | 97             |
| 42                    | SIARELCO        | 100            | 71                    | SUKELCO     | 97             |
| 43                    | DIELCO          | 100            | 72                    | SULECO      | 97             |
| 44                    | SURSECO I       | 100            | 73                    | CENPELCO    | 96             |
| 45                    | SURSECO II      | 100            | 74                    | ANTECO      | 96             |
| 46                    | ZAMECO II       | 99             | 75                    | BILECO      | 96             |
| 47                    | BATELEC I       | 99             | 76                    | IFELCO      | 95             |
| 48                    | CASURECO III    | 99             | 77                    | KAELCO      | 95             |
| 49                    | AKELCO          | 99             | 78                    | TARELCO I   | 95             |
| 50                    | CEBECO III      | 99             | 79                    | OMECO       | 95             |
| 51                    | BOHECO I        | 99             | 80                    | CAPELCO     | 95             |
| 52                    | BATANELCO       | 98             | 81                    | ILECO I     | 95             |
| 53                    | NEECO II-AREA 1 | 98             | 82                    | CELCO       | 95             |

| Electric Cooperatives |             | Average Rating | Electric Cooperatives |                | Average Rating |
|-----------------------|-------------|----------------|-----------------------|----------------|----------------|
| 83                    | BOHECO II   | 95             | 98                    | BATELEC II     | 90             |
| 84                    | SAMELCO I   | 95             | 99                    | SAJELCO        | 89             |
| 85                    | ESAMELCO    | 95             | 100                   | ZAMCELCO       | 89             |
| 86                    | CASURECO II | 94             | 101                   | LEYECO V       | 88             |
| 87                    | FICELCO     | 94             | 102                   | MOELCI II      | 88             |
| 88                    | MORESCO I   | 94             | 103                   | NUVELCO        | 87             |
| 89                    | BENECO      | 93             | 104                   | COTELCO-PPALMA | 87             |
| 90                    | PELCO II    | 93             | 105                   | SORECO I       | 86             |
| 91                    | QUEZELCO I  | 92             | 106                   | MOELCI I       | 86             |
| 92                    | BISELCO     | 92             | 107                   | PANELCO I      | 82             |
| 93                    | CANORECO    | 92             | 108                   | ISELCO II      | 82             |
| 94                    | NORECO I    | 92             | 109                   | NOCECO         | 82             |
| 95                    | SORECO II   | 91             | 110                   | PALECO         | 81             |
| 96                    | MASELCO     | 91             | 111                   | QUIRELCO       | 80             |
| 97                    | DANECO      | 91             |                       |                |                |

| PARTIALLY COMPLIANT   |         |                | NON-COMPLIANT         |            |                |
|-----------------------|---------|----------------|-----------------------|------------|----------------|
| Electric Cooperatives |         | Average Rating | Electric Cooperatives |            | Average Rating |
| 1                     | ABRECO  | 76             | 1                     | BASELCO    | 54             |
| 2                     | DORELCO | 75             | 2                     | APEC/ALECO | 52             |
|                       |         |                | 3                     | LASURECO   | 52             |
|                       |         |                | 4                     | SIASELCO   | 42             |
|                       |         |                | 5                     | TAWELCO    | 37             |
|                       |         |                | 6                     | CASELCO    | 37             |
|                       |         |                | 7                     | MAGELCO    | 34             |
|                       |         |                | 8                     | TISELCO    | 32             |

## IX. Status of Rural Electrification Program

On Sitio Electrification Program, there were 469 sitios completed and energized as of end of June 2019. This is 49% of the targeted 962. Region VII contributed the most with 98.

### Status of 2019 Sitio Electrification Program Accomplishment as of June 2019

| LUZON              |           | VISAYAS      |            | MINDANAO     |            |
|--------------------|-----------|--------------|------------|--------------|------------|
| I                  | 15        | VI           | 85         | IX           | 17         |
| II                 |           | VII          | 98         | X            | 11         |
| CAR                | 6         | VIII         | 18         | XI           | 90         |
| III                | 1         |              |            | XII          | 58         |
| IV-A               | 4         |              |            | ARMM         | 16         |
| MIMAROPA           | 19        |              |            | CARAGA       | 20         |
| V                  | 11        |              |            |              |            |
| <b>TOTAL</b>       | <b>56</b> | <b>TOTAL</b> | <b>201</b> | <b>TOTAL</b> | <b>212</b> |
| <b>GRAND TOTAL</b> |           | <b>469</b>   |            |              |            |

The energization of sitios contributed to the attainment of 281,246 consumer connections, which is 61% against the 2019 total target of 460,000 consumers. Highest accomplishment is in Region VI with 32,465 followed by Region III with 28,967. To date, cumulative total was at 13.184 million or 85% of the total potential using the 2015 Population Census as base data for potential consumers.

### Status of 2019 Consumer Connections as of June 2019

| LUZON              |                | VISAYAS        |               | MINDANAO     |               |
|--------------------|----------------|----------------|---------------|--------------|---------------|
| I                  | 20,229         | VI             | 32,465        | IX           | 12,865        |
| II                 | 12,734         | VII            | 28,324        | X            | 16,996        |
| CAR                | 5,551          | VIII           | 21,850        | XI           | 10,565        |
| III                | 28,967         |                |               | XII          | 28,758        |
| IV-A               | 12,186         |                |               | ARMM         | 966           |
| MIMAROPA           | 13,420         |                |               | CARAGA       | 15,080        |
| V                  | 20,290         |                |               |              |               |
| <b>TOTAL</b>       | <b>113,377</b> | <b>TOTAL</b>   | <b>82,639</b> | <b>TOTAL</b> | <b>85,230</b> |
| <b>GRAND TOTAL</b> |                | <b>281,246</b> |               |              |               |

**Status of 2019 Rural Electrification Program  
January – June 2019**

| <b>Electric Cooperatives</b> | <b>Sitios</b> | <b>Consumer Connections</b> |
|------------------------------|---------------|-----------------------------|
| <b>Region I</b>              |               |                             |
| INEC                         |               | 2,230                       |
| ISECO                        |               | 2,561                       |
| LUELCO                       |               | 2,001                       |
| PANELCO I                    | 15            | 1,802                       |
| CENPELCO                     |               | 5,810                       |
| PANELCO III                  |               | 5,825                       |
| <b>Sub-total</b>             | <b>15</b>     | <b>20,229</b>               |
| <b>Region II</b>             |               |                             |
| BATANELCO                    |               | 100                         |
| CAGELCO I                    |               | 3,449                       |
| CAGELCO II                   |               | 2,176                       |
| ISELCO I                     |               | 3,327                       |
| ISELCO II                    |               | 2,478                       |
| NUVELCO                      |               | 0                           |
| QUIRELCO                     |               | 1,204                       |
| <b>Sub-total</b>             |               | <b>12,734</b>               |
| <b>CAR</b>                   |               |                             |
| ABRECO                       |               | 785                         |
| BENECO                       | 6             | 2,491                       |
| IFELCO                       |               | 681                         |
| KAELCO                       |               | 573                         |
| MOPRECO                      |               | 1,021                       |
| <b>Sub-total</b>             | <b>6</b>      | <b>5,551</b>                |

**Status of 2019 Rural Electrification Program  
January – June 2019**

| <b>Electric Cooperatives</b> | <b>Sitios</b> | <b>Consumer Connections</b> |
|------------------------------|---------------|-----------------------------|
| <b>Region III</b>            |               |                             |
| AURELCO                      |               | 1,151                       |
| TARELCO I                    |               | 3,464                       |
| TARELCO II                   |               | 2,254                       |
| NEECO I                      | 1             | 1,664                       |
| NEECO II - Area 1            |               | 3,470                       |
| NEECO II - Area 2            |               | 2,025                       |
| SAJELCO                      |               | 670                         |
| PRESCO                       |               | 566                         |
| PELCO I                      |               | 2,420                       |
| PELCO II                     |               | 3,632                       |
| PELCO III                    |               | 1,203                       |
| PENELCO                      |               | 3,218                       |
| ZAMECO I                     |               | 1,466                       |
| ZAMECO II                    |               | 1,764                       |
| <b>Sub-total</b>             | <b>1</b>      | <b>28,967</b>               |
| <b>Region IV-A</b>           |               |                             |
| FLECO                        |               | 862                         |
| BATELEC I                    |               | 1,042                       |
| BATELEC II                   | 4             | 7,373                       |
| QUEZELCO I                   |               | 1,942                       |
| QUEZELCO II                  |               | 967                         |
| <b>Sub-total</b>             | <b>4</b>      | <b>12,186</b>               |
| <b>Region IV-B</b>           |               |                             |
| LUBELCO                      |               | 92                          |
| OMECO                        | 14            | 2,035                       |
| ORMECO                       |               | 4,388                       |
| MARELCO                      |               | 997                         |
| TIELCO                       |               | 977                         |
| ROMELCO                      |               | 293                         |
| BISELCO                      |               | 1,809                       |
| PALECO                       | 5             | 2,829                       |
| <b>Sub-total</b>             | <b>19</b>     | <b>13,420</b>               |



**Status of 2019 Rural Electrification Program  
January – June 2019**

| <b>Electric Cooperatives</b> | <b>Sitios</b> | <b>Consumer Connections</b> |
|------------------------------|---------------|-----------------------------|
| <b>Region V</b>              |               |                             |
| CANORECO                     |               | 1,351                       |
| CASURECO I                   | 1             | 2,479                       |
| CASURECO II                  |               | 1,831                       |
| CASURECO III                 |               | 1,619                       |
| CASURECO IV                  | 4             | 7,158                       |
| ALECO                        |               | 972                         |
| SORECO I                     |               | 1,030                       |
| SORECO II                    | 6             | 1,180                       |
| FICELCO                      |               | 869                         |
| MASELCO                      |               | 1,801                       |
| TISELCO                      |               | 0                           |
| <b>Sub-total</b>             | <b>11</b>     | <b>20,290</b>               |
| <b>Luzon</b>                 | <b>56</b>     | <b>113,377</b>              |
| <b>Region VI</b>             |               |                             |
| AKELCO                       |               | 3,415                       |
| ANTECO                       | 31            | 2,547                       |
| CAPELCO                      |               | 3,383                       |
| ILECO I                      |               | 3,568                       |
| ILECO II                     |               | 2,128                       |
| ILECO III                    |               | 5,281                       |
| GUIMELCO                     |               | 715                         |
| NONECO                       | 19            | 4,006                       |
| CENECO                       | 21            | 4,188                       |
| NOCECO                       | 14            | 3,234                       |
| <b>Sub-total</b>             | <b>85</b>     | <b>32,465</b>               |

**Status of 2019 Rural Electrification Program  
January – June 2019**

| <b>Electric Cooperatives</b> | <b>Sitios</b> | <b>Consumer Connections</b> |
|------------------------------|---------------|-----------------------------|
| <b>Region VII</b>            |               |                             |
| NORECO I                     | 14            | 1,859                       |
| NORECO II                    | 44            | 7,689                       |
| BANELCO                      |               | 471                         |
| CEBECO I                     |               | 3,147                       |
| CEBECO II                    |               | 3,212                       |
| CEBECO III                   | 40            | 3,792                       |
| PROSIELCO                    |               | 1,106                       |
| CELCO                        |               | 500                         |
| BOHECO I                     |               | 2,741                       |
| BOHECO II                    |               | 3,807                       |
| <b>Sub-total</b>             | <b>98</b>     | <b>28,324</b>               |
| <b>Region VIII</b>           |               |                             |
| DORELCO                      | 5             | 2,114                       |
| LEYECO II                    |               | 3,053                       |
| LEYECO III                   |               | 1,563                       |
| LEYECO IV                    |               | 1,957                       |
| LEYECO V                     |               | 2,413                       |
| SOLECO                       | 10            | 2,511                       |
| BILECO                       |               | 614                         |
| NORSAMELCO                   |               | 1,737                       |
| SAMELCO I                    |               | 3,517                       |
| SAMELCO II                   | 3             | 1,083                       |
| ESAMELCO                     |               | 1,288                       |
| <b>Sub-total</b>             | <b>18</b>     | <b>21,850</b>               |
| <b>Visayas</b>               | <b>201</b>    | <b>82,639</b>               |
| <b>Region IX</b>             |               |                             |
| ZANECO                       | 16            | 4,713                       |
| ZAMSURECO I                  | 1             | 3,694                       |
| ZAMSURECO II                 |               | 1,603                       |
| ZAMCELCO                     |               | 2,855                       |
| <b>Sub-total</b>             | <b>17</b>     | <b>12,865</b>               |

**Status of 2019 Rural Electrification Program  
January – June 2019**

| <b>Electric Cooperatives</b> | <b>Sitios</b> | <b>Consumer Connections</b> |
|------------------------------|---------------|-----------------------------|
| <b>Region X</b>              |               |                             |
| MOELCI I                     |               | 1,141                       |
| MOELCI II                    | 7             | 1,515                       |
| MORESCO I                    |               | 2,838                       |
| MORESCO II                   |               | 2,093                       |
| FIBECO                       |               | 3,908                       |
| BUSECO                       |               | 2,553                       |
| CAMELCO                      |               | 441                         |
| LANECO                       | 4             | 2,507                       |
| <b>Sub-total</b>             | <b>11</b>     | <b>16,996</b>               |
| <b>Region XI</b>             |               |                             |
| DORECO                       | 15            | 1,863                       |
| DANECO                       | 63            | 5,598                       |
| DASURECO                     | 12            | 3,104                       |
| <b>Sub-total</b>             | <b>90</b>     | <b>10,565</b>               |
| <b>Region XII</b>            |               |                             |
| COTELCO                      | 45            | 8,400                       |
| COTELCO-PPALMA               |               | 714                         |
| SOCOTECO I                   |               | 3,064                       |
| SOCOTECO II                  | 10            | 8,719                       |
| SUKELCO                      | 3             | 7,861                       |
| <b>Sub-total</b>             | <b>58</b>     | <b>28,758</b>               |

**Status of 2019 Rural Electrification Program  
January – June 2019**

| <b>Electric Cooperatives</b> | <b>Sitios</b> | <b>Consumer Connections</b> |
|------------------------------|---------------|-----------------------------|
| <b>ARMM</b>                  |               |                             |
| TAWELCO                      |               | 0                           |
| SIASELCO                     |               | 0                           |
| SULECO                       | 5             | 797                         |
| BASELCO                      |               | 0                           |
| CASELCO                      |               | 169                         |
| LASURECO                     |               | 0                           |
| MAGELCO                      | 11            | 0                           |
| <b>Sub-total</b>             | <b>16</b>     | <b>966</b>                  |
| <b>CARAGA</b>                |               |                             |
| ANECO                        | 12            | 2,920                       |
| ASELCO                       |               | 5,659                       |
| SURNECO                      |               | 1,313                       |
| SIARELCO                     |               | 1,259                       |
| DIELCO                       |               | 961                         |
| SURSECO I                    |               | 975                         |
| SURSECO II                   | 8             | 1,993                       |
| <b>Sub-total</b>             | <b>20</b>     | <b>15,080</b>               |
| <b>Mindanao</b>              | <b>212</b>    | <b>85,230</b>               |
| <b>Total</b>                 | <b>469</b>    | <b>281,246</b>              |

Comparing the status of energization with the EC classification, seventy – seven (77) out of the 120 ECs across all color classification are now with 90% and above level of electrification.

Among the Green ECs, five (5) remained at below 80 %. These include NORSAMELCO, DORELCO, and DASURECO with 70% - 79% level and PALECO and ZAMSURECO I at below 70%.

ABRECO was the only ailing EC with more than 90% energization level at ninety-three (93) percent.

#### Summary of the Status of Energization Level per EC Classification

| Level of Energization (In Percent) | EC Classification |          |          |     |  | Total | %   |
|------------------------------------|-------------------|----------|----------|-----|--|-------|-----|
|                                    | Green             | Yellow-1 | Yellow-2 | Red |  |       |     |
| 90-100                             | 53                | 19       | 4        | 1   |  | 77    | 64  |
| 80-89                              | 8                 | 10       | 0        | 0   |  | 18    | 15  |
| 70-79                              | 3                 | 4        | 1        | 2   |  | 10    | 8   |
| Below 70                           | 2                 | 4        | 4        | 6   |  | 16    | 13  |
| Total                              | 66                | 37       | 9        | 9   |  | 121   | 100 |

## Status of Energization Level per EC Classification

| Green                 |             |                       |                       |                   |                       |
|-----------------------|-------------|-----------------------|-----------------------|-------------------|-----------------------|
| Electric Cooperatives |             | Level of Energization | Electric Cooperatives |                   | Level of Energization |
| 1                     | MOPRECO     | 97                    | 34                    | LEYECO IV         | 95                    |
| 2                     | TARELCO II  | 97                    | 35                    | MORESCO I         | 95                    |
| 3                     | ZAMECO I    | 97                    | 36                    | ASELCO            | 95                    |
| 4                     | BATELEC I   | 97                    | 37                    | SIARELCO          | 95                    |
| 5                     | AKELCO      | 97                    | 38                    | NEECO II - Area 1 | 94                    |
| 6                     | CEBECO III  | 97                    | 39                    | CEBECO II         | 94                    |
| 7                     | BOHECO I    | 97                    | 40                    | CASURECO I        | 93                    |
| 8                     | CAMELCO     | 97                    | 41                    | NEECO II - Area 2 | 92                    |
| 9                     | SURNECO     | 97                    | 42                    | CASURECO IV       | 92                    |
| 10                    | SURSECO I   | 97                    | 43                    | LEYECO III        | 92                    |
| 11                    | ISECO       | 96                    | 44                    | LUBELCO           | 91                    |
| 12                    | LUELCO      | 96                    | 45                    | CASURECO II       | 91                    |
| 13                    | CENPELCO    | 96                    | 46                    | ANTECO            | 91                    |
| 14                    | AURELCO     | 96                    | 47                    | CAPELCO           | 91                    |
| 15                    | TARELCO I   | 96                    | 48                    | ESAMELCO          | 91                    |
| 16                    | NEECO I     | 96                    | 49                    | BUSECO            | 91                    |
| 17                    | SAJELCO     | 96                    | 50                    | DIELCO            | 91                    |
| 18                    | PRESCO      | 96                    | 51                    | CAGELCO II        | 90                    |
| 19                    | PELCO I     | 96                    | 52                    | BENECO            | 90                    |
| 20                    | ZAMECO II   | 96                    | 53                    | CANORECO          | 90                    |
| 21                    | BATELEC II  | 96                    | 54                    | CENECO            | 88                    |
| 22                    | ORMECO      | 96                    | 55                    | SAMELCO II        | 88                    |
| 23                    | TIELCO      | 96                    | 56                    | ILECO II          | 85                    |
| 24                    | ROMELCO     | 96                    | 57                    | ILECO III         | 84                    |
| 25                    | ILECO I     | 96                    | 58                    | COTELCO           | 84                    |
| 26                    | BANELCO     | 96                    | 59                    | QUEZELCO II       | 81                    |
| 27                    | CEBECO I    | 96                    | 60                    | BISELCO           | 81                    |
| 28                    | PROSIELCO   | 96                    | 61                    | LEYECO V          | 81                    |
| 29                    | LEYECO II   | 96                    | 62                    | DORELCO           | 77                    |
| 30                    | ANECO       | 96                    | 63                    | NORSAMELCO        | 76                    |
| 31                    | PANELCO III | 95                    | 64                    | DASURECO          | 73                    |
| 32                    | CELCO       | 95                    | 65                    | ZAMSURECO I       | 69                    |
| 33                    | BOHECO II   | 95                    | 66                    | PALECO            | 59                    |

| Yellow-1              |              |                       |                       |                |                       |
|-----------------------|--------------|-----------------------|-----------------------|----------------|-----------------------|
| Electric Cooperatives |              | Level of Energization | Electric Cooperatives |                | Level of Energization |
| 1                     | QUIRELCO     | 97                    | 20                    | NUVELCO        | 88                    |
| 2                     | PELCO II     | 97                    | 21                    | NORECO II      | 87                    |
| 3                     | SORECO I     | 97                    | 22                    | MORESCO II     | 87                    |
| 4                     | SURSECO II   | 97                    | 23                    | FIBECO         | 87                    |
| 5                     | INEC         | 96                    | 24                    | ISELCO II      | 84                    |
| 6                     | BATANELCO    | 96                    | 25                    | QUEZELCO I     | 83                    |
| 7                     | PENELCO      | 96                    | 26                    | NONECO         | 83                    |
| 8                     | FLECO        | 96                    | 27                    | DORECO         | 83                    |
| 9                     | FICELCO      | 96                    | 28                    | KAELCO         | 82                    |
| 10                    | SOLECO       | 96                    | 29                    | OMECA          | 80                    |
| 11                    | MOELCI II    | 96                    | 30                    | SUKELCO        | 78                    |
| 12                    | PANELCO I    | 95                    | 31                    | NOCECO         | 77                    |
| 13                    | MARELCO      | 95                    | 32                    | LANECO         | 76                    |
| 14                    | SORECO II    | 95                    | 33                    | SOCOTECO I     | 76                    |
| 15                    | BILECO       | 95                    | 34                    | SOCOTECO II    | 68                    |
| 16                    | CAGELCO I    | 94                    | 35                    | ZANECO         | 66                    |
| 17                    | GUIMELCO     | 93                    | 36                    | NORECO I       | 65                    |
| 18                    | SAMELCO I    | 93                    | 37                    | COTELCO-PPALMA | 55                    |
| 19                    | CASURECO III | 92                    |                       |                |                       |

| Yellow-2              |              |                       | Red                   |          |                       |
|-----------------------|--------------|-----------------------|-----------------------|----------|-----------------------|
| Electric Cooperatives |              | Level of Energization | Electric Cooperatives |          | Level of Energization |
| 1                     | PELCO III    | 98                    | 1                     | ABRECO   | 93                    |
| 2                     | ISELCO I     | 96                    | 2                     | ALECO    | 79                    |
| 3                     | MOELCI I     | 95                    | 3                     | TISELCO  | 73                    |
| 4                     | IFELCO       | 91                    | 4                     | MASELCO  | 52                    |
| 5                     | ZAMCELCO     | 77                    | 5                     | BASELCO  | 52                    |
| 6                     | DANECO       | 68                    | 6                     | LASURECO | 34                    |
| 7                     | ZAMSURECO II | 66                    | 7                     | MAGELCO  | 34                    |
| 8                     | CASELCO      | 64                    | 8                     | SULECO   | 24                    |
| 9                     | SIASELCO     | 25                    | 9                     | TAWELCO  | 22                    |

## **G. NEA's Assistance and Initiatives for Ailing ECs**

Based from the NEA Reform Act of 2013 or Republic Act 10531, the following are the basis for NEA's intervention in the operation and management of the ECs:

- a. Rule IV - Section 21, IRR of RA 10531 empowers NEA to exercise its Step-In Rights over an ailing EC by appointing or assigning a PS or PS/AGM or assigning third persons to the Board of EC until the NEA decides that the election of a new Board of Directors to lead the EC is necessary. The NEA may also create a Management Team for the purpose.
- b. Section 5 Section 4(e) of Presidential Decree No. 269, as amended, is hereby further amended of RA 10531 that empowers NEA to supervise the management and operations of all electric cooperatives.
- c. Section 5 Section 4(j) of Presidential Decree No. 269, as amended, is hereby further amended by RA 10531 empowers NEA to ensure the economic and financial viability, and operation of all electric cooperatives.

Under Section 20 of the Implementing Rules and Regulations of RA 10531, an electric cooperative can be declared an "ailing EC" or critically distressed EC when it falls in the following circumstances:

- a. Has negative Net Worth for the last three (3) years
- b. Has accumulated ninety (90) days arrearages in power supply purchases from generating companies and power suppliers and the transmission cost
- c. Unable to provide electric service due to technical and/or financial inefficiencies
- d. Unable to efficiently perform its electric distribution utility obligations or continue in business due to organizational, external and internal factors
- e. Failed to meet other operational standards established by NEA

The NEA's intervention is not only predicated on the ECs performance but also on other factors such as, governance issues, and levels of service, among others. Relative to this, the NEA Board of Administrators approved the guidelines on the enhanced criteria for the evaluation of ECs' performance

Some of the common causes of EC performance deterioration are:

- a. Overdue power accounts from PSALM and power generating companies. In some cases, the interest, surcharges and penalties are not recoverable from consumers' bill
- b. Huge uncollected power accounts from local government units, military camps and other government agencies
- c. Governance and management issues
- d. Lack of long - term power supply contracts
- e. Inappropriate distribution rates
- f. Weak organizational structure



- g. Technical concerns such as old, dilapidated distribution line system, transformer overloading
- h. Peace and order situation, among others

### Status of Electric Cooperatives under Private Sector Participation

There are three (3) ECs under private sector participation (PSP), first is ALECO with Concession Agreement with San Miguel Energy Corporation (SMEC) and its subsidiary Albay Electric Power Company (APEC) with a twenty-five (25) - year Concession Agreement (CA) with San Miguel Energy Corporation (SMEC); second is PELCO II with twenty (20) - year Investment Management Contract (IMC) with COMSTECH and Manila Electric Company; and third is ZAMCELCO whose IMC was awarded to Crown Investment Holdings, Inc.

Below are their status of operation:

#### 1. ALECO/APEC

| PARTICULARS                              | 2Q 2019     | 2018        | 2017        |
|------------------------------------------|-------------|-------------|-------------|
| Overall Performance Rating               | -           | D           | D           |
| Size Classification                      | Mega Large  | Mega Large  | Mega Large  |
| Color Classification                     | Red         | Red         | Red         |
| Level of Consumer Connections (%)        | 79          | 69          | 66          |
| Total Operating Revenue (PhP M)          | 1,753       | 3,049       | 2,845       |
| Average Revenue per Month (PhP M)        | 146         | 254         | 237         |
| Net Margin (Loss) (PhP M)                | (235)       | 33          | (2.99)      |
| Collection Efficiency (%)                | 79          | 78          | 77          |
| Loan Amortization Payment                | Arrears     | Arrears     | Arrears     |
| Repayments Rate (%)                      | 18          | 18          | 19          |
| Power Accounts – NGCP                    | Arrears     | Arrears     | Arrears     |
| Power Accounts – GENCO                   | Res-Arrears | Res-Arrears | Res-Arrears |
| Peak Load (Mw)                           | 96          | 87          | 81          |
| System Loss (%)                          | 22.88       | 22.61       | 24.79       |
| Consumer Density per Circuit Km of Lines | 55          | 48          | 46          |

#### Findings:

- a. It has a total outstanding account of PhP 2.476 billion to its Power Supplier.
- b. The irregular schedule of meter reading affects the level of system loss.

#### NEA Intervention:

- a. Reviewed and evaluated the accomplishment report based on their approved Operation Improvement Plan (OIP).

## 2. PELCO II

| PARTICULARS                              | 2Q 2019     | 2018        | 2017       |
|------------------------------------------|-------------|-------------|------------|
| Overall Performance Rating               | -           | AA          | AA         |
| Size Classification                      | -           | Mega Large  | Mega Large |
| Color Classification                     | Yellow 1    | Yellow 1    | Yellow 1   |
| Level of Consumer Connections (%)        | 97          | 97          | 97         |
| Total Operating Revenue (PhP M)          | 2,178       | 3,611       | 3,614      |
| Average Revenue per Month (PhP M)        | 363         | 301         | 301        |
| Net Margin (Loss) (PhP M)                | (78.46)     | 204.00      | 133.72     |
| Collection Efficiency (%)                | 99          | 98          | 99         |
| Loan Amortization Payment                | -           | -           | -          |
| Repayments Rate (%)                      | -           | -           | -          |
| Power Accounts – NGCP                    | Current     | Arrears     | Current    |
| Power Accounts – GENCO                   | Res-Current | Res-Arrears | Current    |
| Peak Load (Mw)                           | 111         | 99          | 94         |
| System Loss (%)                          | 11.63       | 10.66       | 10.88      |
| Consumer Density per Circuit Km of Lines | 72          | 70          | 68         |

### Findings:

- a. Sustained its overall performance level of Category AA for the last two (2) years.
- b. Average monthly revenue increased to PhP363 million from PhP301 million
- c. Incurred net loss of PhP78.46 million in its first semester 2019 operation.

## 3. ZAMCELCO

| PARTICULARS                              | 2Q 2019     | 2018        | 2017        |
|------------------------------------------|-------------|-------------|-------------|
| Overall Performance Rating               | -           | D           | C           |
| Size Classification                      | -           | Mega Large  | Mega Large  |
| Color Classification                     | Yellow 2    | Yellow 2    | Yellow 2    |
| Level of Consumer Connections (%)        | 77          | 76          | 72          |
| Total Operating Revenue (PhP M)          | 2,216.86    | 4,448.67    | 3,792.61    |
| Average Revenue per Month (PhP M)        | 369.48      | 370.72      | 316.05      |
| Net Margin (Loss) (PhP M)                | (66.56)     | (232.46)    | (262.62)    |
| Collection Efficiency (%)                | 94          | 94          | 94          |
| Loan Amortization Payment                | Current     | Current     | Current     |
| Repayments Rate (%)                      | 100         | 100         | 100         |
| Power Accounts – NGCP                    | Current     | Arrears     | Current     |
| Power Accounts – GENCO                   | Res-Arrears | Res-Arrears | Res-Arrears |
| Peak Load (Mw)                           | 113         | 111         | 121         |
| System Loss (%)                          | 23.07       | 23.33       | 22.09       |
| Consumer Density per Circuit Km of Lines | 50          | 49          | 51          |

#### Findings:

- a. The Investor Manager has infused PhP1.213 billion out of PhP 2.5 billion bid amount to settle the PhP 2.1 billion outstanding payables and liabilities of ZAMCELCO. The EC is current in its payment to NPC-SPUG and NGCP but still in arrears to other power providers.
- b. Majority of the power transformers have critical loading, one of the causes of rotating brown outs.
- c. ZAMCELCO has not addressed the financial and technical parameters, particularly collection efficiency and system loss. This caused huge financial losses of the EC.

#### Recommendation:

- a. The Task Force Duterte- Zamboanga City Power, Crown and DESCO and the EC management should reassess existing programs and implement more new strategies to improve its operations.

### Status of Critically Distressed/Ailing Electric Cooperatives

As of 31 December 2018, there are nine (9) electric cooperatives remained to be classified as “ailing” ECs. These include ABRECO, ALECO, CASURECO III, MASELCO, TISELCO, LASURECO, BASELCO, SULECO and TAWELCO. However, CASURECO III, now a category B EC, was recommended by the EC Management Services Office for graduation from ailing EC for its continued performance improvement for the last 3 years. MASELCO and TISELCO also progressed to Category C in the 2018 EC Overall Performance Assessment from D. The NEA continues to closely monitor their performance and evaluates their status to prevent further deterioration of their operations.

Below are the Status of Performance Operation of the Ailing ECs for the First Semester 2019:

#### 1. ABRECO

| PARTICULARS                                   | 2Q 2019       | 2018          | 2017          |
|-----------------------------------------------|---------------|---------------|---------------|
| Overall Performance Rating                    | -             | D             | D             |
| Size Classification                           | Extra Large   | Extra Large   | Extra Large   |
| Color Classification                          | Red           | Red           | Red           |
| Level of Consumer Connections (%)             | 93            | 94            | 88            |
| Total Operating Revenue (PhP M)               | 238           | 414           | 260           |
| Average Revenue per Month (PhP M)             | 20            | 35            | 22            |
| Net Margin (Loss) (PhP M)                     | 17.52         | 38.05         | 21.18         |
| Collection Efficiency (%)                     | -             | -             | -             |
| Loan Amortization Payment Repayments Rate (%) | Arrears<br>48 | Arrears<br>47 | Arrears<br>44 |
| Power Accounts – NGCP                         | Current       | Current       | Arrears       |
| Power Accounts – GENCO                        | Res. Arrears  | Res. Arrears  | Res-Arrears   |
| Peak Load (Mw)                                | 13            | 12            | 10            |
| System Loss (%)                               | 15.62         | 13.97         | 17.47         |
| Consumer Density per Circuit Km of Lines      | 36            | 35            | 38            |

## 2. CASURECO III

| PARTICULARS                                   | 2Q 2019        | 2018           | 2017           |
|-----------------------------------------------|----------------|----------------|----------------|
| Overall Performance Rating                    | -              | B              | C              |
| Size Classification                           | Extra Large    | Extra Large    | Extra Large    |
| Color Classification                          | Yellow 1       | Yellow 1       | Red            |
| Level of Consumer Connections (%)             | 92             | 82             | 80             |
| Total Operating Revenue (PhP M)               | 493            | 923            | 787            |
| Average Revenue per Month (PhP M)             | 41             | 77             | 66             |
| Net Margin (Loss) (PhP M)                     | 35.40          | 52.59          | 39.96          |
| Collection Efficiency (%)                     | 96             | 97             | 88             |
| Loan Amortization Payment Repayments Rate (%) | Current<br>102 | Current<br>103 | Current<br>101 |
| Power Accounts – NGCP                         | Current        | Current        | Current        |
| Power Accounts – GENCO                        | Current        | Res-Current    | Res-Arrears    |
| Peak Load (Mw)                                | 25             | 23             | 20             |
| System Loss (%)                               | 11.95          | 12.90          | 15.01          |
| Consumer Density per Circuit Km of Lines      | 42             | 38             | 47             |

## 3. MASELCO

| PARTICULARS                                   | 2Q 2019        | 2018           | 2017           |
|-----------------------------------------------|----------------|----------------|----------------|
| Overall Performance Rating                    | -              | C              | D              |
| Size Classification                           | Extra Large    | Extra Large    | Extra Large    |
| Color Classification                          | Red            | Red            | Red            |
| Level of Consumer Connections (%)             | 52             | 51             | 49             |
| Total Operating Revenue (PhP M)               | 380            | 706            | 614            |
| Average Revenue per Month (PhP M)             | 32             | 59             | 51             |
| Net Margin (Loss) (PhP M)                     | 35.52          | 43.5           | (33.82)        |
| Collection Efficiency (%)                     | 89             | 89             | 89             |
| Loan Amortization Payment Repayments Rate (%) | Current<br>101 | Current<br>102 | Current<br>102 |
| Power Accounts – NGCP                         | -              | -              | -              |
| Power Accounts – GENCO                        | Res-Arrears    | Res-Arrears    | Res-Arrears    |
| Peak Load (Mw)                                | 22             | 20             | -              |
| System Loss (%)                               | 13.26          | 12.57          | 15.39          |
| Consumer Density per Circuit Km of Lines      | 31             | 30             | 28             |

#### 4. TISELCO

| PARTICULARS                              | 2Q 2019     | 2018        | 2017        |
|------------------------------------------|-------------|-------------|-------------|
| Overall Performance Rating               | -           | C           | C           |
| Size Classification                      | Medium      | Medium      | Medium      |
| Color Classification                     | Red         | Red         | Red         |
| Level of Consumer Connections (%)        | 73          | 73          | 65          |
| Total Operating Revenue (PhP M)          | 18.96       | 86.12       | 85.20       |
| Average Revenue per Month (PhP M)        | 1.58        | 7.18        | 7.10        |
| Net Margin (Loss) (PhP M)                | 1.88        | 18.26       | 18.39       |
| Collection Efficiency (%)                | 75          | 81.38       | 77.17       |
| Loan Amortization Payment                | Current     | Current     | Current     |
| Repayments Rate (%)                      | 102         | 105         | 105         |
| Power Accounts – NGCP                    | -           | -           | -           |
| Power Accounts – GENCO                   | Res-Current | Res-Current | Res-Current |
| Peak Load (Mw)                           | 2           | 2.3         | 2.2         |
| System Loss (%)                          | 11.86       | 13.58       | 14.08       |
| Consumer Density per Circuit Km of Lines | 21          | 21          | 23          |

#### 5. LASURECO

| PARTICULARS                              | 2Q 2019     | 2018        | 2017        |
|------------------------------------------|-------------|-------------|-------------|
| Overall Performance Rating               | -           | D           | D           |
| Size Classification                      | Extra Large | Extra Large | Extra Large |
| Color Classification                     | Red         | Red         | Red         |
| Level of Consumer Connections (%)        | 34          | 34          | 34          |
| Total Operating Revenue (PhP M)          | -           | -           | -           |
| Average Revenue per Month (PhP M)        | -           | -           | -           |
| Net Margin (Loss) (PhP M)                | -           | -           | -           |
| Collection Efficiency (%)                | -           | -           | -           |
| Loan Amortization Payment                | Arrears     | Arrears     | Arrears     |
| Repayments Rate (%)                      | 10          | 10          | 11          |
| Power Accounts – NGCP                    | Arrears     | Res-Arrears | Res-Arrears |
| Power Accounts – GENCO                   | Arrears     | Arrears     | Arrears     |
| Peak Load (Mw)                           | -           | -           | -           |
| System Loss (%)                          | -           | -           | -           |
| Consumer Density per Circuit Km of Lines | 21          | 21          | 21          |

## 6. BASELCO

| PARTICULARS                              | 2Q 2019 | 2018    | 2017    |
|------------------------------------------|---------|---------|---------|
| Overall Performance Rating               | -       | D       | D       |
| Size Classification                      | Large   | Large   | Large   |
| Color Classification                     | Red     | Red     | Red     |
| Level of Consumer Connections (%)        | 52      | 52      | 52      |
| Total Operating Revenue (PhP M)          | -       | 223     | 218     |
| Average Revenue per Month (PhP M)        | -       | 18.58   | 18      |
| Net Margin (Loss) (PhP M)                | -       | (67.19) | (48.26) |
| Collection Efficiency (%)                | 58.20   | 57.08   | -       |
| Loan Amortization Payment                | Current | Arrears | Arrears |
| Repayments Rate (%)                      | 100     | 7       | 5       |
| Power Accounts – NGCP                    | -       | -       | -       |
| Power Accounts – GENCO                   | Arrears | Arrears | Arrears |
| Peak Load (Mw)                           | -       | 10      | 7       |
| System Loss (%)                          | -       | 32.77   | 32.34   |
| Consumer Density per Circuit Km of Lines | 32      | 32      | 32      |

## 7. SULECO

| PARTICULARS                              | 2Q 2019 | 2018    | 2017    |
|------------------------------------------|---------|---------|---------|
| Overall Performance Rating               | -       | C       | C       |
| Size Classification                      | Large   | Large   | Large   |
| Color Classification                     | Red     | Red     | Red     |
| Level of Consumer Connections (%)        | 24      | 24      | 23      |
| Total Operating Revenue (PhP M)          | 162     | 288     | 303     |
| Average Revenue per Month (PhP M)        | 14      | 24      | 25      |
| Net Margin (Loss) (PhP M)                | 5.31    | 31.15   | 18.00   |
| Collection Efficiency (%)                | 33.58   | 34.47   | 40      |
| Loan Amortization Payment                | Current | Current | Current |
| Repayments Rate (%)                      | 100     | 100     | 100     |
| Power Accounts – NGCP                    | -       | -       | -       |
| Power Accounts – GENCO                   | Arrears | Arrears | Arrears |
| Peak Load (Mw)                           | 9.23    | 8.9     | 8.7     |
| System Loss (%)                          | 22.48   | 25.29   | 28.96   |
| Consumer Density per Circuit Km of Lines | 28      | 34      | 33      |

## 8. TAWELCO

| PARTICULARS                              | 2Q 2019 | 2018     | 2017     |
|------------------------------------------|---------|----------|----------|
| Overall Performance Rating               | -       | D        | D        |
| Size Classification                      | Medium  | Medium   | Medium   |
| Color Classification                     | Red     | Red      | Red      |
| Level of Consumer Connections (%)        | 22      | 22       | 21       |
| Total Operating Revenue (PhP M)          | -       | 77       | 150.53   |
| Average Revenue per Month (PhP M)        | -       | 6.42     | 13       |
| Net Margin (Loss) (PhP M)                | -       | (161.09) | (110.25) |
| Collection Efficiency (%)                | 11      | 19       | 33       |
| Loan Amortization Payment                | Current | Current  | Current  |
| Repayments Rate (%)                      | 104     | 104      | 103      |
| Power Accounts – NGCP                    | -       | -        | -        |
| Power Accounts – GENCO                   | Arrears | Arrears  | Arrears  |
| Peak Load (Mw)                           | -       | 6        | 6        |
| System Loss (%)                          | -       | 33.39    | 30.02    |
| Consumer Density per Circuit Km of Lines | 43      | 43       | 40       |

To assist the electric cooperatives and to ensure efficient service be provided to the member-consumer-owners, the following are the NEA interventions:

1. Assignment of Acting General Managers and/or Project Supervisors
  - a. Assignment of Engr. Victor R. Cada to QUEZELCO I on April 11, 2019
  - b. Designation of Engr. Domingo S. Santiago in SORECO II on May 23, 2019
  - c. Designation of Deputy Administrator, Atty. Vicar Loureen G. Lofranco as Project Supervisor of LASURECO on June 18, 2019.
  - d. Designation of GM Jose Raul A. Saniel of ZAMSURECO I as Project Supervisor of ZAMSURECO II on June 18, 2022. Done after deactivation of the ZAMSURECO II Board of Directors due to failure to lead the EC to meet the operational and financial standards and parameters.

The assignments of NEA management/staff assigned/deployed to the electric cooperative are to handle their operations and to turn around the EC's poor performance.

2. Creation of Task Forces Duterte Power in five (5) ECs: LASURECO, CASURECO III, DANECO, ABRECO AND ZAMCELCO. In July 2019, Task Force Duterte Zamboanga City Power was reconstituted under Office Order No. 2019-148. On the other hand, GM Ramon Posadas of LUELCO was assigned as additional member of TFD Abra Power in August 2019. Task Forces continue to address the deteriorating operational performance of the said ECs and in response to the clamor of local executives for NEA's intervention.

### 3. Formulation of New Policy and Guidelines

There are three (3) new NEA Memoranda issued to the electric cooperatives. These will serve as guidance to the management and supervision of EC operations.

- a. Memorandum No. 2019 – 02 Policy on Management and Consultancy Services to the Electric Cooperatives
- b. Memorandum No. 2019 – 03 Guidelines on NEA Accreditation of Management Consultants for ECs
- c. Memorandum No. 2019 – 043 Revised EC Model Organizational Structure
- d. Memorandum No. 2019 – 045 Amended Enhanced Policy-Guidelines on EC Overall Performance Assessment

### 4. Round Table Assessment

April 16, 2019/August 13, 2019 - NEA Project Supervisors, Acting General Managers and Assists

5. Review and evaluation of accomplishment reports versus the approved Operation Improvement Plans (OIP)
6. Assistance in the preparation of the 2019 Strategic Development Plan for NEA's approval
7. Conduct of Seminar-Workshop on the Adoption of Performance Management System using the Balanced Scorecard Model in BARMM ECs, BASELCO, TAWELCO, SIASELCO and SULECO on April 22 to 26, 2019
8. Assistance in the Comprehensive Selection Process for New Power Provider
9. Comprehensive EC Audit
10. Annual and Quarterly EC Performance Assessment
11. Service Facilities
  - a. Loan and Guarantee Service - to ensure the ECs readiness in operating and competing under the deregulated market and to strengthen the ECs
  - b. Institutional Strengthening and technical assistance



## 2019 EC CLASSIFICATION PER REGION

| ELECTRIC COOPERATIVES |             | 2019     |          | 2018     |          |
|-----------------------|-------------|----------|----------|----------|----------|
|                       |             | 2nd Qtr  | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| <b>REGION I</b>       |             |          |          |          |          |
| 1                     | INEC        | Yellow-1 | Green    | Green    | Green    |
| 2                     | ISECO       | Green    | Green    | Green    | Green    |
| 3                     | LUELCO      | Green    | Green    | Green    | Yellow-1 |
| 4                     | PANELCO I   | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 5                     | CENPELCO    | Green    | Yellow-1 | Green    | Yellow-1 |
| 6                     | PANELCO III | Green    | Green    | Green    | Green    |
| <b>REGION II</b>      |             |          |          |          |          |
| 7                     | BATANELCO   | Yellow-1 | Yellow-1 | Green    | Green    |
| 8                     | CAGELCO I   | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 9                     | CAGELCO II  | Green    | Green    | Green    | Green    |
| 10                    | ISELCO I    | Yellow-2 | Yellow-1 | Green    | Green    |
| 11                    | ISELCO II   | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 12                    | NUVELCO     | Yellow-1 | Yellow-2 | Yellow-1 | Green    |
| 13                    | QUIRELCO    | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| <b>CAR</b>            |             |          |          |          |          |
| 14                    | ABRECO      | Red      | Red      | Red      | Red      |
| 15                    | BENECO      | Green    | Yellow-1 | Green    | Green    |
| 16                    | IFELCO      | Yellow-2 | Yellow-2 | Yellow-1 | Yellow-1 |
| 17                    | KAELCO      | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 18                    | MOPRECO     | Green    | Green    | Green    | Green    |

**2019 EC CLASSIFICATION PER REGION**

| ELECTRIC COOPERATIVES |                   | 2019     |          | 2018     |          |
|-----------------------|-------------------|----------|----------|----------|----------|
|                       |                   | 2nd Qtr  | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| <b>REGION III</b>     |                   |          |          |          |          |
| 19                    | AURELCO           | Green    | Green    | Green    | Green    |
| 20                    | TARELCO I         | Green    | Green    | Green    | Green    |
| 21                    | TARELCO II        | Green    | Green    | Green    | Green    |
| 22                    | NEECO I           | Green    | Green    | Green    | Green    |
| 23                    | NEECO II - Area 1 | Green    | Yellow-1 | Green    | Green    |
| 24                    | NEECO II - Area 2 | Green    | Green    | Green    | Green    |
| 25                    | SAJELCO           | Green    | Green    | Green    | Green    |
| 26                    | PRESCO            | Green    | Green    | Green    | Green    |
| 27                    | PELCO I           | Green    | Green    | Green    | Green    |
| 28                    | PELCO II          | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 29                    | PELCO III         | Yellow-2 | Yellow-1 | Yellow-1 | Yellow-1 |
| 30                    | PENELCO           | Yellow-1 | Yellow-1 | Green    | Green    |
| 31                    | ZAMECO I          | Green    | Green    | Green    | Green    |
| 32                    | ZAMECO II         | Green    | Green    | Green    | Green    |
| <b>REGION IV-A</b>    |                   |          |          |          |          |
| 33                    | FLECO             | Yellow-1 | Yellow-1 | Green    | Green    |
| 34                    | BATELEC I         | Green    | Green    | Green    | Green    |
| 35                    | BATELEC II        | Green    | Green    | Green    | Green    |
| 36                    | QUEZELCO I        | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 37                    | QUEZELCO II       | Green    | Yellow-1 | Green    | Green    |
| <b>REGION IV-B</b>    |                   |          |          |          |          |
| 38                    | LUBELCO           | Green    | Yellow-2 | Green    | Green    |
| 39                    | OMECO             | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 40                    | ORMECO            | Green    | Green    | Green    | Green    |
| 41                    | MARELCO           | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 42                    | TIELCO            | Green    | Green    | Green    | Green    |
| 43                    | ROMELCO           | Green    | Yellow-1 | Green    | Green    |
| 44                    | BISELCO           | Green    | Green    | Green    | Green    |
| 45                    | PALECO            | Green    | Green    | Green    | Green    |

**2019 EC CLASSIFICATION PER REGION**

| ELECTRIC COOPERATIVES |              | 2019     |          | 2018     |          |
|-----------------------|--------------|----------|----------|----------|----------|
|                       |              | 2nd Qtr  | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| <b>REGION V</b>       |              |          |          |          |          |
| 46                    | CANORECO     | Green    | Green    | Green    | Green    |
| 47                    | CASURECO I   | Green    | Green    | Green    | Green    |
| 48                    | CASURECO II  | Green    | Green    | Green    | Green    |
| 49                    | CASURECO III | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-2 |
| 50                    | CASURECO IV  | Green    | Green    | Green    | Green    |
| 51                    | ALECO        | Red      | Red      | Red      | Red      |
| 52                    | SORECO I     | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 53                    | SORECO II    | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 54                    | FICELCO      | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 55                    | MASELCO      | Red      | Red      | Red      | Red      |
| 56                    | TISELCO      | Red      | Red      | Red      | Red      |
| <b>REGION VI</b>      |              |          |          |          |          |
| 57                    | AKELCO       | Green    | Green    | Green    | Green    |
| 58                    | ANTECO       | Green    | Green    | Green    | Green    |
| 59                    | CAPELCO      | Green    | Green    | Green    | Green    |
| 60                    | ILECO I      | Green    | Green    | Green    | Green    |
| 61                    | ILECO II     | Green    | Green    | Green    | Green    |
| 62                    | ILECO III    | Green    | Green    | Green    | Green    |
| 63                    | GUIMELCO     | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 64                    | NONECO       | Yellow-1 | Yellow-1 | Green    | Green    |
| 65                    | CENECO       | Green    | Green    | Green    | Green    |
| 66                    | NOCECO       | Yellow-1 | Yellow-1 | Green    | Green    |

**2019 EC CLASSIFICATION PER REGION**

| ELECTRIC COOPERATIVES |              | 2019     |          | 2018     |          |
|-----------------------|--------------|----------|----------|----------|----------|
|                       |              | 2nd Qtr  | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| <b>REGION VII</b>     |              |          |          |          |          |
| 67                    | NORECO I     | Yellow-1 | Green    | Green    | Green    |
| 68                    | NORECO II    | Yellow-1 | Yellow-1 | Green    | Green    |
| 69                    | BANELCO      | Green    | Yellow-1 | Green    | Green    |
| 70                    | CEBECO I     | Green    | Green    | Green    | Green    |
| 71                    | CEBECO II    | Green    | Green    | Green    | Green    |
| 72                    | CEBECO III   | Green    | Green    | Green    | Green    |
| 73                    | PROSIELCO    | Green    | Green    | Green    | Green    |
| 74                    | CELCO        | Green    | Green    | Green    | Green    |
| 75                    | BOHECO I     | Green    | Green    | Green    | Green    |
| 76                    | BOHECO II    | Green    | Green    | Green    | Green    |
| <b>REGION VIII</b>    |              |          |          |          |          |
| 77                    | DORELCO      | Green    | Green    | Green    | Green    |
| 78                    | LEYECO II    | Green    | Green    | Green    | Green    |
| 79                    | LEYECO III   | Green    | Green    | Yellow-1 | Yellow-1 |
| 80                    | LEYECO IV    | Green    | Green    | Green    | Green    |
| 81                    | LEYECO V     | Green    | Green    | Green    | Green    |
| 82                    | SOLECO       | Yellow-1 | Green    | Green    | Green    |
| 83                    | BILECO       | Yellow-1 | Yellow-1 | Green    | Green    |
| 84                    | NORSAMELCO   | Green    | Green    | Green    | Green    |
| 85                    | SAMELCO I    | Yellow-1 | Green    | Green    | Green    |
| 86                    | SAMELCO II   | Green    | Green    | Green    | Green    |
| 87                    | ESAMELCO     | Green    | Yellow-1 | Green    | Green    |
| <b>REGION IX</b>      |              |          |          |          |          |
| 88                    | ZANECO       | Yellow-1 | Yellow-1 | Green    | Green    |
| 89                    | ZAMSURECO I  | Green    | Green    | Green    | Green    |
| 90                    | ZAMSURECO II | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |
| 91                    | ZAMCELCO     | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |

## 2019 EC CLASSIFICATION PER REGION

| ELECTRIC COOPERATIVES |                | 2019     |          | 2018     |          |
|-----------------------|----------------|----------|----------|----------|----------|
|                       |                | 2nd Qtr  | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| <b>REGION X</b>       |                |          |          |          |          |
| 92                    | MOELCI I       | Yellow-2 | Yellow-1 | Yellow-1 | Yellow-1 |
| 93                    | MOELCI II      | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 94                    | MORESCO I      | Green    | Green    | Green    | Green    |
| 95                    | MORESCO II     | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 96                    | FIBECO         | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 97                    | BUSECO         | Green    | Green    | Green    | Green    |
| 98                    | CAMELCO        | Green    | Yellow-1 | Green    | Yellow-1 |
| 99                    | LANECO         | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| <b>REGION XI</b>      |                |          |          |          |          |
| 100                   | DORECO         | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 101                   | DANECO         | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |
| 102                   | DASURECO       | Green    | Green    | Green    | Green    |
| <b>REGION XII</b>     |                |          |          |          |          |
| 103                   | COTELCO        | Green    | Green    | Green    | Green    |
| 104                   | COTELCO-PPALMA | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 105                   | SOCOTECO I     | Yellow-1 | Yellow-1 | Green    | Yellow-1 |
| 106                   | SOCOTECO II    | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| 107                   | SUKELCO        | Yellow-1 | Green    | Yellow-1 | Green    |
| <b>ARMM</b>           |                |          |          |          |          |
| 108                   | TAWELCO        | Red      | Red      | Red      | Red      |
| 109                   | SIASELCO       | Yellow-2 | Yellow-2 | Yellow-1 | Yellow-1 |
| 110                   | SULECO         | Red      | Red      | Red      | Red      |
| 111                   | BASELCO        | Red      | Red      | Red      | Red      |
| 112                   | CASELCO        | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |
| 113                   | LASURECO       | Red      | Red      | Red      | Red      |
| 114                   | MAGELCO        | Red      | -        | Yellow-1 | Yellow-1 |

\*not evaluated

**2019 EC CLASSIFICATION PER REGION**

| ELECTRIC COOPERATIVES |            | 2019     |          | 2018     |          |
|-----------------------|------------|----------|----------|----------|----------|
|                       |            | 2nd Qtr  | 1st Qtr  | 4th Qtr  | 3rd Qtr  |
| <b>CARAGA</b>         |            |          |          |          |          |
| 115                   | ANECO      | Green    | Green    | Green    | Green    |
| 116                   | ASELCO     | Green    | Green    | Green    | Green    |
| 117                   | SURNECO    | Green    | Yellow-1 | Green    | Green    |
| 118                   | SIARELCO   | Green    | Green    | Green    | Green    |
| 119                   | DIELCO     | Green    | Green    | Green    | Green    |
| 120                   | SURSECO I  | Green    | Green    | Green    | Green    |
| 121                   | SURSECO II | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |

## LIST OF ELECTRIC COOPERATIVES

### REGION I

### ILOCOS REGION

|             |                                               |
|-------------|-----------------------------------------------|
| INEC        | Ilocos Norte Electric Cooperative, Inc.       |
| ISECO       | Ilocos Sur Electric Cooperative, Inc.         |
| LUELCO      | La Union Electric Cooperative, Inc.           |
| PANELCO I   | Pangasinan I Electric Cooperative, Inc.       |
| CENPELCO    | Central Pangasinan Electric Cooperative, Inc. |
| PANELCO III | Pangasinan III Electric Cooperative, Inc.     |

### REGION II

### CAGAYAN VALLEY

|            |                                          |
|------------|------------------------------------------|
| BATANELCO  | Batanes Electric Cooperative, Inc.       |
| CAGELCO I  | Cagayan I Electric Cooperative, Inc.     |
| CAGELCO II | Cagayan II Electric Cooperative, Inc.    |
| ISELCO I   | Isabela I Electric Cooperative, Inc.     |
| ISELCO II  | Isabela II Electric Cooperative, Inc.    |
| NUVELCO    | Nueva Vizcaya Electric Cooperative, Inc. |
| QUIRELCO   | Quirino Electric Cooperative, Inc.       |

### CAR

### CORDILLERA ADMINISTRATIVE REGION

|         |                                              |
|---------|----------------------------------------------|
| ABRECO  | Abra Electric Cooperative, Inc.              |
| BENECO  | Benguet Electric Cooperative, Inc.           |
| IFELCO  | Ifugao Electric Cooperative, Inc.            |
| KAELCO  | Kalinga-Apayao Electric Cooperative, Inc.    |
| MOPRECO | Mountain Province Electric Cooperative, Inc. |

### REGION III

### CENTRAL LUZON

|                   |                                                    |
|-------------------|----------------------------------------------------|
| AURELCO           | Aurora Electric Cooperative, Inc.                  |
| TARELCO I         | Tarlac I Electric Cooperative, Inc.                |
| TARELCO II        | Tarlac II Electric Cooperative, Inc.               |
| NEECO I           | Nueva Ecija I Electric Cooperative, Inc.           |
| NEECO II - Area 1 | Nueva Ecija II Electric Cooperative, Inc. - Area 1 |
| NEECO II - Area 2 | Nueva Ecija II Electric Cooperative, Inc. - Area 2 |
| SAJELCO           | San Jose City Electric Cooperative, Inc.           |
| PRESCO            | Pampanga Rural Electric Service Coop., Inc.        |
| PELCO I           | Pampanga I Electric Cooperative, Inc.              |
| PELCO II          | Pampanga II Electric Cooperative, Inc.             |
| PELCO III         | Pampanga III Electric Cooperative, Inc.            |
| PENELCO           | Peninsula (Bataan) Electric Cooperative, Inc.      |
| ZAMECO I          | Zambales I Electric Cooperative, Inc.              |
| ZAMECO II         | Zambales II Electric Cooperative, Inc.             |

## LIST OF ELECTRIC COOPERATIVES

### REGION IV-A

### CALABARZON

|             |                                         |
|-------------|-----------------------------------------|
| FLECO       | First Laguna Electric Cooperative, Inc. |
| BATELEC I   | Batangas I Electric Cooperative, Inc.   |
| BATELEC II  | Batangas II Electric Cooperative, Inc.  |
| QUEZELCO I  | Quezon I Electric Cooperative, Inc.     |
| QUEZELCO II | Quezon II Electric Cooperative, Inc.    |

### REGION IV-B

### MIMAROPA

|         |                                               |
|---------|-----------------------------------------------|
| LUBELCO | Lubang Electric Cooperative, Inc.             |
| OMECCO  | Occidental Mindoro Electric Cooperative, Inc. |
| ORMECO  | Oriental Mindoro Electric Cooperative, Inc.   |
| MARELCO | Marinduque Electric Cooperative, Inc.         |
| TIELCO  | Tablas Island Electric Cooperative, Inc.      |
| ROMELCO | Romblon Electric Cooperative, Inc.            |
| BISELCO | Busuanga Island Electric Cooperative, Inc.    |
| PALECO  | Palawan Electric Cooperative, Inc.            |

### REGION V

### BICOL REGION

|              |                                              |
|--------------|----------------------------------------------|
| CANORECO     | Camarines Norte Electric Cooperative, Inc.   |
| CASURECO I   | Camarines Sur I Electric Cooperative, Inc.   |
| CASURECO II  | Camarines Sur II Electric Cooperative, Inc.  |
| CASURECO III | Camarines Sur III Electric Cooperative, Inc. |
| CASURECO IV  | Camarines Sur IV Electric Cooperative, Inc.  |
| ALECO        | Albay Electric Cooperative, Inc.             |
| SORECO I     | Sorsogon I Electric Cooperative, Inc.        |
| SORECO II    | Sorsogon II Electric Cooperative, Inc.       |
| FICELCO      | First Catanduanes Electric Cooperative, Inc. |
| MASELCO      | Masbate Electric Cooperative, Inc.           |
| TISELCO      | Ticao Island Electric Cooperative, Inc.      |

### REGION VI

### WESTERN VISAYAS

|           |                                              |
|-----------|----------------------------------------------|
| AKELCO    | Aklan Electric Cooperative, Inc.             |
| ANTECO    | Antique Electric Cooperative, Inc.           |
| CAPELCO   | Capiz Electric Cooperative, Inc.             |
| ILECO I   | Iloilo I Electric Cooperative, Inc.          |
| ILECO II  | Iloilo II Electric Cooperative, Inc.         |
| ILECO III | Iloilo III Electric Cooperative, Inc.        |
| GUIMELCO  | Guimaras Electric Cooperative, Inc.          |
| NONECO    | Northern Negros Electric Cooperative, Inc.   |
| CENECO    | Central Negros Electric Cooperative, Inc.    |
| NOCECO    | Negros Occidental Electric Cooperative, Inc. |



## LIST OF ELECTRIC COOPERATIVES

### REGION VII

### CENTRAL VISAYAS

|            |                                                 |
|------------|-------------------------------------------------|
| NORECO I   | Negros Oriental I Electric Cooperative, Inc.    |
| NORECO II  | Negros Oriental II Electric Cooperative, Inc.   |
| BANELCO    | Bantayan Island Electric Cooperative, Inc.      |
| CEBECO I   | Cebu I Electric Cooperative, Inc.               |
| CEBECO II  | Cebu II Electric Cooperative, Inc.              |
| CEBECO III | Cebu III Electric Cooperative, Inc.             |
| PROSIELCO  | Province of Siquijor Electric Cooperative, Inc. |
| CELCO      | Camotes Electric Cooperative, Inc.              |
| BOHECO I   | Bohol I Electric Cooperative, Inc.              |
| BOHECO II  | Bohol II Electric Cooperative, Inc.             |

### REGION VIII

### EASTERN VISAYAS

|            |                                                  |
|------------|--------------------------------------------------|
| DORELCO    | Don Orestes Romualdez Electric Cooperative, Inc. |
| LEYECO II  | Leyte II Electric Cooperative, Inc.              |
| LEYECO III | Leyte III Electric Cooperative, Inc.             |
| LEYECO IV  | Leyte IV Electric Cooperative, Inc.              |
| LEYECO V   | Leyte V Electric Cooperative, Inc.               |
| SOLECO     | Southern Leyte Electric Cooperative, Inc.        |
| BILECO     | Biliran Electric Cooperative, Inc.               |
| NORSAMELCO | Northern Samar Electric Cooperative, Inc.        |
| SAMELCO I  | Samar I Electric Cooperative, Inc.               |
| SAMELCO II | Samar II Electric Cooperative, Inc.              |
| ESAMELCO   | Eastern Samar Electric Cooperative, Inc.         |

### REGION IX

### ZAMBOANGA PENINSULA

|              |                                                 |
|--------------|-------------------------------------------------|
| ZANECO       | Zamboanga del Norte Electric Cooperative, Inc.  |
| ZAMSURECO I  | Zamboanga del Sur I Electric Cooperative, Inc.  |
| ZAMSURECO II | Zamboanga del Sur II Electric Cooperative, Inc. |
| ZAMCELCO     | Zamboanga City Electric Cooperative, Inc.       |

### REGION X

### NORTHERN MINDANAO

|            |                                                  |
|------------|--------------------------------------------------|
| MOELCI I   | Misamis Occidental I Electric Cooperative, Inc.  |
| MOELCI II  | Misamis Occidental II Electric Cooperative, Inc. |
| MORESCO I  | Misamis Oriental I Electric Cooperative, Inc.    |
| MORESCO II | Misamis Oriental II Electric Cooperative, Inc.   |
| FIBECO     | First Bukidnon Electric Cooperative, Inc.        |
| BUSECO     | Bukidnon II Electric Cooperative, Inc.           |
| CAMELCO    | Camiguin Electric Cooperative, Inc.              |
| LANECO     | Lanao del Norte Electric Cooperative, Inc.       |

## LIST OF ELECTRIC COOPERATIVES

### REGION XI

### DAVAO REGION

|          |                                            |
|----------|--------------------------------------------|
| DORECO   | Davao Oriental Electric Cooperative, Inc.  |
| DANECO   | Davao del Norte Electric Cooperative, Inc. |
| DASURECO | Davao del Sur Electric Cooperative, Inc.   |

### REGION XII

### SOCCSKSARGEN

|                |                                                    |
|----------------|----------------------------------------------------|
| COTELCO        | North Cotabato Electric Cooperative, Inc.          |
| COTELCO-PPALMA | North Cotabato Electric Cooperative, Inc. - PPALMA |
| SOCOTECO I     | South Cotabato I Electric Cooperative, Inc.        |
| SOCOTECO II    | South Cotabato II Electric Cooperative, Inc.       |
| SUKELCO        | Sultan Kudarat Electric Cooperative, Inc.          |

### ARMM

### AUTONOMOUS REGION IN MUSLIM MINDANAO

|          |                                            |
|----------|--------------------------------------------|
| TAWELCO  | Tawi-Tawi Electric Cooperative, Inc.       |
| SIASELCO | Siasi Electric Cooperative, Inc.           |
| SULECO   | Sulu Electric Cooperative, Inc.            |
| BASELCO  | Basilan Electric Cooperative, Inc.         |
| CASELCO  | Cagayan de Sulu Electric Cooperative, Inc. |
| LASURECO | Lanao del Sur Electric Cooperative, Inc.   |
| MAGELCO  | Maguindanao Electric Cooperative, Inc.     |

### REGION XIII

### CARAGA ADMINISTRATIVE REGION

|            |                                               |
|------------|-----------------------------------------------|
| ANECO      | Agusan del Norte Electric Cooperative, Inc.   |
| ASELCO     | Agusan del Sur Electric Cooperative, Inc.     |
| SURNECO    | Surigao del Norte Electric Cooperative, Inc.  |
| SIARELCO   | Siargao Electric Cooperative, Inc.            |
| DIELCO     | Dinagat Island Electric Cooperative, Inc.     |
| SURSECO I  | Surigao del Sur I Electric Cooperative, Inc.  |
| SURSECO II | Surigao del Sur II Electric Cooperative, Inc. |