

Compliance Report on the Performance of Electric Cooperatives



4th

**QUARTER
2020**

Office for Performance Assessment and Special Studies

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I. Executive Summary

Electric Cooperatives (ECs) are assessed quarterly to measure their compliance to the established criteria on the status of financial, operational, technical, and institutional performance. ECs are also classified accordingly to determine the needed NEA's interventions to improve and upgrade their operations.

As of the fourth quarter of 2020, 48 ECs were labeled as Green, 62 as Yellow-1, 3 as Yellow-2, and 7 as Red, summing up to 120 ECs evaluated. The particulars are enclosed in this report.

In relation to their financial and operational condition, 100 ECs were able to have at least one-month working capital. Additionally, 65 ECs met the 95% threshold in terms of collection efficiency with 13 ECs being 100% efficient. On their payment status to the generating companies, there were 100 ECs tagged as current and restructured- current while 96 ECs marked as current and restructured-current on their payment status to the National Grid Corporation of the Philippines. The last parameters for the financial and operational conditions showed that there were 112 ECs with a positive income and 112 ECs with positive net worth.

On the technical criteria, 96 ECs registered system loss level within the standard of 12% or below. Out of the 96 ECs, 61 were with single-digit system loss. The causes of high system loss were also determined, and the actions to resolve them were implemented. Aside from system loss, power reliability were also measured. Ninety-two (92) ECs were compliant to the System Average Interruption Frequency Index (SAIFI) standard while 94 ECs were within the System Average Interruption Duration Index (SAIDI) standard.

On the status of energization, 91 ECs recorded 91% and above level of electrification, of which, 74 ECs achieved 100% energization level.

Concerning the ECs' compliance on the institutional norms, 101 ECs were categorized as compliant that include 34 ECs having 100% compliance rating.

NEA's assistance and initiatives include preparation of Operation Improvement Plan (OIP), supervision of ECs under private sector participation, and intervention of NEA to ECs such as management take-over, round table assessment, and establishment of new policies and guidelines.

II. Introduction

Overview

The Compliance Report on the Performance of Electric Cooperatives is a quarterly summary of the EC classification. It focuses on the assessment of the ECs' performance on several aspects of operations, such as, but not limited to, financial, operational, technical, and institutional conditions. The purposes of this report is to evaluate the performance of ECs, to ensure early detection of adverse financial condition, to serve as triggers for NEA intervention in the EC operation, and to institute preventive, remedial, and mitigating measures prior to being categorized as ailing EC.

This report was prepared to assess the ECs' performance during the fourth quarter of 2020. It is also one of the statutory requirements for submission to the Joint Congressional Energy Commission (JCEC) and to the Department of Energy (DOE). The figures evaluated were those submitted not later than May 31, 2021.

NEA Policies and Guidelines

Republic Act No. 10531, Rule II, Section 5. Powers, Functions, and Privileges of NEA, states that in order to strengthen the ECs, NEA shall help them become economically viable and prepare them for the implementation of retail competition and open access pursuant to Sections 31 of the EPIRA.

Under Rule IV, Section 19, it is specified that NEA shall have the following obligations:

- a. To develop standards, and protocols for the efficient operation of the ECs;
- b. To develop financial and operational parameters to serve as triggers for intervention of the NEA;
- c. To evaluate and categorize ECs based on standards;
- d. To enforce performance standards and submit quarterly reports which shall include summary of compliances to key performance standards and recommendation for rehabilitation in case of ailing ECs;
- e. To protect the interest of the member-consumers and the public in general; and
- f. To create a NEA rehabilitation team to assist the ailing ECs improve its financial and technical conditions.

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 in January 2014 and by the Department of Energy in December 2013. The guidelines classified the ECs into the following:

- a. Green – ECs which comply with all the six (6) key performance standards and parameters;
- b. Yellow-1 – ECs which do not comply with not more than three (3) key performance standards and parameters;

- c. Yellow-2 – ECs which do not comply with four (4) or more of the key performance 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; and
- d. Red – ECs which have been declared as “ailing” after observance of due process.

Under RA 10531, Section 20. 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 (3) years. For this purpose, “*Negative Net Worth*” shall mean as the financial condition of an EC in which its liabilities are greater than its assets;
- b. Has accumulated ninety (90) days arrearages in power supply purchases from generating companies and power suppliers/source 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;
- d. Unable to efficiently perform its electric distribution utility obligations or continue in business due to organizational, external, and internal factors;
- e. When an EC has failed to meet other operational standards established by the NEA; and
- f. Unable to set up or continuously support its Wholesale Electricity Spot Market prudential requirements.

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 time, not exceeding one hundred and eighty (180) days from the implementation of the OIP, there is no sign of 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.

Key Performance Standards and Parameters

There are six established standards and parameters used in the assessment of the ECs’ financial c and technical conditions (Table 1).

Table 1. Established Key Performance Standards and Parameters

| Parameter | Standard |
|---|------------------------------------|
| 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% |

Classification of Electric Cooperatives

For the fourth quarter of 2020, there were 48 Green ECs, 62 Yellow-1 ECs, 3 Yellow-2 ECs, and 7 Red ECs (Tables 2-5).

Table 2. 2020 Q4 Green Electric Cooperatives

| Green Electric Cooperatives | | | |
|-----------------------------|-------------|------------|-------------|
| ISECO | QUEZELCO II | NORECO I | SAMELCO I |
| BATANELCO | TIELCO | CEBECO I | SAMELCO II |
| CAGELCO I | BISELCO | CEBECO II | ESAMELCO |
| CAGELCO II | CASURECO I | CEBECO III | ZAMSURECO I |
| MOPRECO | CASURECO II | PROSIELCO | MORESCO I |
| NEECO I | CASURECO IV | BOHECO I | BUSECO |
| NEECO II - AREA 1 | FICELCO | BOHECO II | ANECO |
| SAJELCO | CAPELCO | DORELCO | SURNECO |
| PRESCO | ILECO I | LEYECO II | SIARELCO |
| PELCO I | ILECO III | LEYECO IV | DIELCO |
| ZAMECO I | GUIMELCO | SOLECO | SURSECO I |
| BATELEC II | NOCECO | NORSAMELCO | SURSECO II |

Table 3. 2020 Q4 Yellow-1 Electric Cooperatives

| Yellow-1 Electric Cooperatives | | | |
|--------------------------------|--------------|------------|----------------|
| INEC | PELCO III | TISELCO | FIBECO |
| LUELCO | PENELCO | AKELCO | CAMELCO |
| PANELCO I | ZAMECO II | ANTECO | LANECO |
| CENPELCO | FLECO | ILECO II | DORECO |
| PANELCO III | BATELEC I | NONECO | DANECO |
| ISELCO I | QUEZELCO I | CENECO | DASURECO |
| ISELCO II | LUBELCO | NORECO II | COTELCO |
| NUVELCO | OMECO | BANELCO | COTELCO-PPALMA |
| QUIRELCO | ORMECO | CELCO | SOCOTECO I |
| BENECO | MARELCO | LEYECO III | SOCOTECO II |
| KAELCO | ROMELCO | LEYECO V | SUKELCO |
| AURELCO | PALECO | BILECO | SIASELCO |
| TARELCO I | CANORECO | ZANECO | MAGELCO |
| TARELCO II | CASURECO III | MOELCI I | ASELCO |
| NEECO II - AREA 2 | SORECO I | MOELCI II | |
| PELCO II | SORECO II | MORESCO II | |

Table 4. 2020 Q4 Yellow-2 Electric Cooperatives

| Yellow -2 Electric Cooperatives | | |
|---------------------------------|--------------|----------|
| IFELCO | ZAMSURECO II | ZAMCELCO |

Table 5. 2020 Q4 Red Electric Cooperatives

| Red Electric Cooperatives | | | |
|----------------------------------|---------|---------|----------|
| ABRECO | MASELCO | SULECO | LASURECO |
| ALECO | TAWELCO | BASELCO | |

The number of Green ECs continues to vary for the last few quarters while Red ECs decreased to 7 (Table 6).

Table 6. 2020 Q4 vs. 2019 Classification of Electric Cooperatives

| Classification | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|----------------|-------------|---------|---------|---------|---------|
| Green | 48 | 45 | 29 | 53 | 83 |
| Yellow-1 | 62 | 62 | 76 | 53 | 26 |
| Yellow-2 | 3 | 7 | 9 | 8 | 4 |
| Red | 7 | 7 | 7 | 7 | 8 |
| Total | 120* | 121 | 121 | 121 | 121 |

*CASELCO is not evaluated

As of cut-of-date, two (2) ECs have incomplete submissions or were no submittal at all (Table 7).

Table 7. 2020 Q4 Electric Cooperatives (Incomplete/Non-Submittal)

| Electric Cooperatives | |
|------------------------------|---------|
| SIASELCO | CASELCO |

Among the three island groups, Luzon, Visayas, and Mindanao, ECs under Visayas performed significantly well as all their ECs were classified as either Green or Yellow-1 (Table 8).

Table 8. 2020 Q4 Color Classification of Electric Cooperatives (Per Island Group)

| Classification | Luzon | Visayas | Mindanao |
|----------------|-----------|-----------|-----------|
| Green | 19 | 20 | 9 |
| Yellow-1 | 33 | 11 | 18 |
| Yellow-2 | 1 | - | 2 |
| Red | 3 | - | 4 |
| Total | 56 | 31 | 33 |

Table 9. 2020 Q4 vs. Former Color Classification of Electric Cooperatives (Per Region)

| Electric Cooperatives | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|------------------------------|----------------|----------|----------|----------|----------|
| Region I | | | | | |
| INEC | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| ISECO | Green | Green | Green | Green | Green |
| LUELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| PANELCO I | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| CENPELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| PANELCO III | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| Region II | | | | | |
| BATANELCO | Green | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| CAGELCO I | Green | Green | Green | Green | Green |
| CAGELCO II | Green | Green | Green | Green | Green |
| ISELCO I | Yellow-1 | Green | Yellow-1 | Yellow-1 | Green |
| ISELCO II | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-2 | Yellow-1 |
| NUVELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| QUIRELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| CAR | | | | | |
| ABRECO | Red | Red | Red | Red | Red |
| BENECO | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| IFELCO | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-1 |
| KAELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| MOPRECO | Green | Green | Yellow-1 | Yellow-1 | Green |
| Region III | | | | | |
| AURELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| TARELCO I | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| TARELCO II | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| NEECO I | Green | Yellow-1 | Yellow-1 | Green | Green |
| NEECO II – AREA 1 | Green | Green | Green | Yellow-1 | Green |
| NEECO II – AREA 2 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| SAJELCO | Green | Yellow-1 | Yellow-1 | Green | Green |
| PRESCO | Green | Green | Yellow-1 | Green | Green |
| PELCO I | Green | Green | Yellow-1 | Green | Green |
| PELCO II | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| PELCO III | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| PENELCO | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| ZAMECO I | Green | Green | Yellow-1 | Green | Green |
| ZAMECO II | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |

Table 9. (Continued)

| Electric Cooperatives | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|------------------------------|----------------|----------------|----------------|----------------|----------------|
| Region IV-A | | | | | |
| FLECO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| BATELEC I | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| BATELEC II | Green | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| QUEZELCO I | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| QUEZELCO II | Green | Yellow-1 | Green | Green | Green |
| Region IV-B | | | | | |
| LUBELCO | Yellow-1 | Green | Green | Green | Green |
| OMECO | Yellow-1 | Yellow-1 | Yellow-1 | Green | Yellow-1 |
| ORMECO | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| MARELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| TIELCO | Green | Green | Green | Green | Yellow-1 |
| ROMELCO | Yellow-1 | Green | Green | Green | Green |
| BISELCO | Green | Green | Green | Green | Green |
| PALECO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| Region V | | | | | |
| CANORECO | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| CASURECO I | Green | Green | Green | Yellow-1 | Green |
| CASURECO II | Green | Green | Green | Yellow-1 | Green |
| CASURECO III | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-2 | Yellow-1 |
| CASURECO IV | Green | Green | Green | Green | Green |
| ALECO | Red | Red | Red | Red | Red |
| SORECO I | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| SORECO II | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| FICELCO | Green | Green | Green | Yellow-1 | Yellow-1 |
| MASELCO | Red | Red | Red | Red | Red |
| TISELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Red |
| Region VI | | | | | |
| AKELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| ANTECO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| CAPELCO | Green | Green | Yellow-1 | Green | Green |
| ILECO I | Green | Yellow-1 | Yellow-1 | Green | Green |
| ILECO II | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| ILECO III | Green | Green | Green | Green | Green |
| GUIMELCO | Green | Yellow-1 | Yellow-1 | Green | Yellow-1 |
| NONECO | Yellow-1 | Green | Green | Green | Green |
| CENECO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| NOCECO | Green | Green | Green | Yellow-1 | Green |

Table 9. (Continued)

| Electric Cooperatives | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|------------------------------|----------------|----------------|----------------|----------------|----------------|
| Region VII | | | | | |
| NORECO I | Green | Green | Green | Green | Green |
| NORECO II | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| BANELCO | Yellow-1 | Green | Green | Green | Green |
| CEBECO I | Green | Green | Green | Green | Green |
| CEBECO II | Green | Green | Green | Green | Green |
| CEBECO III | Green | Green | Green | Green | Green |
| PROSIELCO | Green | Green | Green | Green | Green |
| CELCO | Yellow-1 | Yellow-1 | Green | Green | Green |
| BOHECO I | Green | Green | Green | Green | Green |
| BOHECO II | Green | Green | Green | Green | Green |
| Region VIII | | | | | |
| DORELCO | Green | Green | Green | Green | Green |
| LEYECO II | Green | Green | Green | Green | Green |
| LEYECO III | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| LEYECO IV | Green | Green | Green | Green | Green |
| LEYECO V | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| SOLECO | Green | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| BILECO | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| NORSAMELCO | Green | Green | Green | Green | Green |
| SAMELCO I | Green | Green | Green | Green | Green |
| SAMELCO II | Green | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| ESAMELCO | Green | Green | Green | Green | Green |
| Region IX | | | | | |
| ZANECO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| ZAMSURECO I | Green | Green | Green | Green | Green |
| ZAMSURECO II | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |
| ZAMCELCO | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |
| Region X | | | | | |
| MOELCI I | Yellow-1 | Green | Yellow-1 | Yellow-1 | Yellow-1 |
| MOELCI II | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| MORESCO I | Green | Green | Yellow-1 | Yellow-1 | Green |
| MORESCO II | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| FIBECO | Yellow-1 | Yellow-2 | Yellow-1 | Yellow-1 | Yellow-1 |
| BUSECO | Green | Green | Yellow-1 | Green | Green |
| CAMELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| LANECO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |

Table 9. (Continued)

| Electric Cooperatives | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|------------------------------|----------------|----------------|----------------|----------------|----------------|
| Region XI | | | | | |
| DORECO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| DANECO | Yellow-1 | Yellow-1 | Yellow-2 | Yellow-2 | Yellow-1 |
| DASURECO | Yellow-1 | Yellow-1 | Yellow-1 | Green | Green |
| Region XII | | | | | |
| COTELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| COTELCO-PPALMA | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| SOCOTECO I | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Green |
| SOCOTECO II | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| SUKELCO | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 | Yellow-1 |
| ARMM | | | | | |
| TAWELCO | Red | Red | Red | Red | Red |
| SIASELCO | Yellow-1 | Yellow-2 | Yellow-2 | Yellow-1 | Yellow-1 |
| SULECO | Red | Red | Red | Red | Red |
| BASELCO | Red | Red | Red | Red | Red |
| CASELCO* | | Yellow-2 | Yellow-2 | Yellow-2 | Yellow-2 |
| LASURECO | Red | Red | Red | Red | Red |
| MAGELCO | Yellow-1 | Yellow-1 | Yellow-2 | Yellow-2 | Yellow-2 |
| Region XIII | | | | | |
| ANECO | Green | Green | Yellow-1 | Green | Green |
| ASELCO | Yellow-1 | Green | Yellow-1 | Yellow-1 | Green |
| SURNECO | Green | Green | Yellow-1 | Yellow-1 | Green |
| SIARELCO | Green | Green | Green | Green | Green |
| DIELCO | Green | Green | Green | Green | Green |
| SURSECO I | Green | Green | Green | Green | Green |
| SURSECO II | Green | Green | Green | Green | Green |

*CASELCO- not evaluated

Sorted by region, comparative analysis of the classification of ECs are also presented (Table 9).

III. Compliance to Key Performance Standards and Parameters

A. Financial and Operational Standards and Parameters

There are five financial and operational standards and parameters used in the classification of ECs. The performance of the ECs are presented in comparison with their performance from the previous year. ECs with incomplete submission or no submission were not evaluated. For specifics, go to Appendix A.

Cash General Fund

This parameter measures the ability of an EC to continue their daily operation for a span of one month. An EC is considered compliant by maintaining a higher working capital fund against the one-month working capital requirement.

The 120 ECs were evaluated with only 100 ECs being compliant (Table 10).

Table 10. 2020 Q4 Cash General Fund

| Condition | Green | Yellow-1 | Yellow-2 | Red | Total |
|------------------|-------|----------|----------|-----|-------|
| Compliant | 48 | 47 | 1 | 4 | 100 |
| Non-Compliant | - | 15 | 2 | 3 | 20 |
| Total | 48 | 62 | 3 | 7 | 120 |

Table 11. 2020 Q4 vs. 2019 Cash General Fund

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| Evaluated | 120 | 119 | 116 | 118 | 115 |
| Compliant | 100 | 100 | 96 | 94 | 98 |
| Percentage | 83.33% | 84.03% | 82.76% | 79.66% | 85.22% |

Comparing this quarter's performance from last quarter's results, more ECs are being evaluated on their financial state based on the ECs ability to operate continuously while improving their compliance status (Table 11).

Collection Efficiency

An EC's collection efficiency refers to its capability to collect its corresponding consumer accounts receivables. The standard level is 95%.

Of the 120 ECs, 65 ECs were able to collect at least 95% of its consumer accounts receivables (Table 12).

Table 12. 2020 Q4 Collection Efficiency

| | Green | Yellow-1 | Yellow-2 | Red | Total |
|------------------|-----------|-----------|----------|----------|--------------|
| Compliant | 48 | 17 | - | - | 65 |
| Non-Compliant | - | 45 | 3 | 7 | 55 |
| Total | 48 | 62 | 3 | 7 | 120 |

Table 13. 2020 Q4 vs. 2019 Collection Efficiency

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|----------------|---------------|---------------|---------------|---------------|
| Evaluated | 120 | 118 | 115 | 118 | 114 |
| Compliant | 65 | 60 | 50 | 79 | 98 |
| Percentage | 54.17% | 50.85% | 43.48% | 66.95% | 85.96% |

Table 14. 2020 Q4 Perfectly Efficient Electric (100%) Cooperatives in Collection

| Condition | Green | Yellow-1 | Yellow-2 | Red | Total |
|------------------|--------|----------|----------|-----|--------------|
| Compliant | 48 | 17 | - | - | 65 |
| 100% Eff. | 9 | 4 | - | - | 13 |
| Percentage | 18.75% | 23.53% | | | 20% |

Table 15. 2020 Q4 vs. 2019 Perfectly Efficient Electric Cooperatives in Collection

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|----------------|---------------|---------------|---------------|---------------|
| Compliant | 65 | 60 | 50 | 79 | 98 |
| 100% Eff. | 13 | 13 | 12 | 17 | 28 |
| Percentage | 20% | 21.67% | 24.00% | 21.52% | 28.57% |

Compared to the previous quarters' results, only 54.17%% are compliant for this quarter (Table 13). Out of the 65 compliant ECs, 13 were 100% efficient. (Table 14). The number of perfectly efficient ECs in collection decreased for this quarter compared with last year's quarterly assessment (Table 15). Less number of compliant ECs for the first quarter of this year can be an effect of the 30 - day extension of payment of consumers electricity bill based on the issued Memorandum to ECs No. 2020 – 011; and the impact of the two (2) typhoons, namely Tisoy and Ursula, that devastated some ECs in Region IV-B, Region V, Region VI and Region VIII.

Payment to Generating Companies and NGCP

This condition denotes that an EC is compliant if it is able to pay its power accounts to generating companies (GENCO), and its transmission bills to National Grid Corporation of the Philippines (NGCP). A status of "Current" or "Restructured- Current" indicates the capacity of an EC to pay its fees on time. On the other hand, "Arrears" or "Restructured Arrears" shows the inability of an EC to pay its dues regularly.

A total of 120 ECs were evaluated for their payment to generating companies. Out of the 120, 100 ECs were with “Current” or “Restructured - Current” status, marking them as compliant (Table 16). The payment to generating companies are kept within 80-90%, the lowest of which was during this quarter with only 83.62% efficiency (Table 17).

Table 16. 2020 Q4 Payment to Generating Companies

| Condition | Green | Yellow-1 | Yellow-2 | Red | Total |
|------------------|-----------|-----------|----------|----------|--------------|
| Compliant | 48 | 52 | - | - | 100 |
| Non-Compliant | - | 10 | 3 | 7 | 20 |
| Total | 48 | 62 | 3 | 7 | 120 |

Table 17. 2020 Q4 vs. 2019 Payment to Generating Companies

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|----------------|---------------|---------------|---------------|---------------|
| Evaluated | 120 | 116 | 105 | 120 | 117 |
| Compliant | 100 | 97 | 89 | 105 | 102 |
| Percentage | 83.33% | 83.62% | 84.76% | 87.50% | 87.18% |

Table 18. 2020 Q4 Payment to NGCP

| Condition | Green | Yellow-1 | Yellow-2 | Red | Total |
|------------------|-----------|-----------|----------|----------|--------------|
| Compliant | 42 | 51 | 2 | 1 | 96 |
| Non-Compliant | - | 1 | 1 | 2 | 4 |
| Total | 42 | 52 | 3 | 3 | 100 |

Table 19. 2020 Q4 vs. 2019 Payment to NGCP

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|----------------|---------------|---------------|---------------|---------------|
| Evaluated | 100 | 100 | 100 | 99 | 99 |
| Compliant | 96 | 95 | 95 | 98 | 96 |
| Percentage | 96.00% | 95.00% | 95.00% | 98.99% | 98.00% |

Regarding their payment to NGCP, there were 95 ECs marked as compliant (Table 18). It was observed that ECs were more compliant with their payment to NGCP as the level was 96.00% compared to 83.33% of their payment to generating companies (Tables 19 and 17).

Table 20. 2020 Q4 Payment to GENCO by Small Power Utilities Group (SPUG)

| Condition | Green | Yellow-1 | Yellow-2 | Red | Total |
|------------------|----------|----------|----------|----------|--------------|
| Compliant | 6 | 8 | - | - | 14 |
| Non-Compliant | - | 3 | - | 4 | 7 |
| Total | 6 | 11 | - | 4 | 21 |

Table 21. 2020 Q4 vs. 2019 Payment to GENCO by Small Power Utilities Group

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|----------------|----------------|---------------|---------------|---------------|
| Evaluated | 21 | 18 | 21 | 21 | 19 |
| Compliant | 14 | 11 | 17 | 18 | 15 |
| Percentage | 66.67% | 61.11% | 80.95% | 85.71% | 78.95% |

Among the 121 ECs, twenty-one (21) are labeled as Small Power Utilities Group (SPUG) and are only evaluated based on their payment to GENCO. All 21 ECs were evaluated and 14 are assessed as compliant (Table 20). The number of compliant SPUG ECs decreased during the fourth quarter of 2020 from 15 to 14 (Table 21).

Result of Financial Operation (Before RFSC)

This parameter states the amount of revenue left after deducting all costs and expenses. A positive financial performance makes an EC tagged as compliant.

Table 22. 2020 Q4 Result of Financial Operation (Before RFSC)

| Condition | Green | Yellow-1 | Yellow-2 | Red | Total |
|------------------|-----------|-----------|----------|----------|--------------|
| Compliant | 48 | 60 | 1 | 3 | 112 |
| Non-Compliant | - | 2 | 2 | 4 | 8 |
| Total | 48 | 62 | 3 | 7 | 120 |

Table 23. 2020 Q4 vs. 2019 Result of Financial Operation (Before RFSC)

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|----------------|---------------|---------------|---------------|---------------|
| Evaluated | 120 | 119 | 116 | 118 | 115 |
| Compliant | 112 | 110 | 106 | 98 | 109 |
| Percentage | 93.33% | 92.44% | 91.38% | 83.05% | 94.78% |

Out of the 120 evaluated ECs, 112 were compliant, most of which were Green and Yellow-1 ECs (Table 22). It could be observed that ECs were more compliant this quarter compared to the previous quarters (Table 23).

Net Worth

An EC's net worth presents its overall financial state. It refers to the total value of assets after total liabilities. A compliant EC has positive net worth, the condition that assets outweighs the liabilities.

Table 24. 2020 Q4 Net Worth

| Condition | Green | Yellow-1 | Yellow-2 | Red | Total |
|------------------|-----------|-----------|----------|----------|--------------|
| Compliant | 48 | 59 | 3 | 2 | 112 |
| Non-Compliant | - | 3 | - | 5 | 8 |
| Total | 48 | 62 | 3 | 7 | 120 |

Table 25. 2020 Q4 vs. 2019 Net Worth

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|----------------|---------------|---------------|---------------|---------------|
| Evaluated | 120 | 119 | 116 | 116 | 115 |
| Compliant | 112 | 111 | 109 | 109 | 109 |
| Percentage | 93.33% | 93.28% | 93.97% | 93.97% | 94.78% |

For the ECs' net worth, 112 out of 120 ECs have a positive net worth for this year's fourth quarter financial operations (Table 24). The number of evaluated ECs and compliant ECs continue to increase beginning third quarter of 2019 (Table 25).

B. Technical Standards and Parameters

For the technical standards and parameters, two conditions are being considered, system efficiency and power reliability. For classifying ECs based on efficiency, only system loss is being utilized and for power reliability, the System Average Interruption Frequency Index (SAIFI) and System Average Interruption Distribution Index (SAIDI). The performance of the ECs are presented in comparison to their performance from the previous year. ECs with incomplete submission or no submission were not evaluated. For system loss percentages, refer to Appendix A and for power reliability values, refer to Appendix B.

System Loss

This parameter measures the difference between energy input and energy output. It indicates the efficiency of the ECs' distribution system. The standard used for this year is 12%.

Table 26. 2020 Q4 System Loss

| Condition | Green | Yellow-1 | Yellow-2 | Red | Total |
|------------------|-----------|-----------|----------|----------|--------------|
| Compliant | 48 | 48 | - | - | 96 |
| Non-Compliant | - | 14 | 3 | 7 | 24 |
| Total | 48 | 62 | 3 | 7 | 120 |

Table 27. 2020 Q4 vs. 2019 System Loss

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|------------|---------------|---------------|---------------|---------------|
| Evaluated | 120 | 119 | 117 | 114 | 117 |
| Compliant | 96 | 87 | 88 | 88 | 99 |
| Percentage | 80% | 73.11% | 75.21% | 77.19% | 84.62% |

Out of the 120 evaluated ECs, 96 ECs were compliant (Table 26). The number of evaluated ECs continue to increase while compliant ECs decreased for the first three quarters of this year (Table 27).

Table 28. 2020 Q4 Single-Digit System Loss

| Condition | Green | Yellow-1 | Yellow-2 | Red | Total |
|---------------------|---------------|---------------|----------|----------|---------------|
| Compliant | 48 | 48 | - | - | 96 |
| Single-Digit | 33 | 28 | - | - | 61 |
| Percentage | 68.75% | 58.33% | | | 63.54% |

Table 29. 2020 Q4 vs. 2019 Single-Digit System Loss

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| Compliant | 96 | 87 | 88 | 88 | 99 |
| Single-Digit | 61 | 52 | 53 | 57 | 59 |
| Percentage | 63.54% | 59.77% | 60.23% | 64.77% | 59.60% |

As more ECs meet the standards in system loss, others continue to improve their system to reduce up to a single-digit level (Table 28). The number of ECs with single-digit system loss increased compared with the three previous quarters (Table 29).

While the number of compliant ECs in the system loss parameter continue to increase, high system loss continues to be a 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;
- f. Upgrading of overload distribution transformers; and
- g. Strict implementation of Anti-Pilferage and disconnection campaign

Power Reliability

The electric cooperatives' ability to meet the electricity needs of the end-users is measured by these parameters.

System Average Interruption Frequency Index (SAIFI)

This parameter 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. For on-grid ECs, the standard is 25 interruptions per consumer per year while for off-grid ECs, 30 interruptions. Out of the 95 ECs evaluated, 92 were compliant having a level of 97.89% which was the highest compared to the previous quarters of 2020 and 2019 (Table 30).

Table 30. 2020 Q4 vs. 2019 System Average Interruption Frequency Index

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| Evaluated | 95 | 88 | 78 | 74 | 115 |
| Compliant | 93 | 85 | 72 | 71 | 108 |
| Percentage | 97.89% | 96.59% | 95.95% | 93.91% | 94.78% |

System Average Interruption Duration Index (SAIDI)

The total duration of sustained customer power interruptions within a given period divided by the total number of customers served within the same period makes up SAIDI. The standard is 2,700 minutes per consumer per year for on-grid ECs while 3,375 minutes per consumer for off-grid ECs. For the fourth quarter of 2020, 95 ECs were evaluated, the result, 94 ECs were compliant or with 98.95% compliance level (Table 31).

Table 31. 2020 Q4 vs. 2019 System Average Interruption Duration Index

| Condition | 2020 Q4 | 2020 Q2 | 2020 Q1 | 2019 Q4 | 2019 Q3 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| Evaluated | 95 | 78 | 74 | 115 | 115 |
| Compliant | 94 | 76 | 73 | 111 | 108 |
| Percentage | 98.95% | 97.44% | 98.65% | 96.52% | 93.91% |

C. Institutional Standards and Parameters

While the institutional norms do not affect the classification of ECs, there are standards and parameters set by the NEA to assess how the management of the EC handle its operations and how effective the services the EC is providing to the member-consumer-owners. This is also to encourage participation and involvement of MCOs in the activities of the ECs. The standard for the institutional parameters is at least 80% performance rating. In range of 60%-79%, ECs are considered partially compliant while non-compliant ECs are below 60%. The basis of the assessment are good governance, leadership/ management, and stakeholders (Table 32). For overall institutional ratings, see Appendix C.

Table 32. Institutional Standards and Parameters Criteria

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

For this quarter, 101 ECs are compliant, 8 are partially compliant, and 12 are non-compliant. In comparison with the previous quarter's data, the number of compliant ECs increased (Table 33).

Table 33. 2020 Q4 Institutional Standards and Parameters

| Condition | 2020 Q4 | 2020 Q3 | 2020 Q2 | 2020 Q1 | 2019 Q4 |
|---------------------|------------|------------|------------|------------|------------|
| Compliant | 101 | 102 | 101 | 104 | 106 |
| Partially Compliant | 8 | 10 | 13 | 11 | 7 |
| Non-Compliant | 12 | 9 | 7 | 6 | 8 |
| Total | 121 | 121 | 121 | 121 | 121 |

IV. Status of Rural Electrification Program

The objective of the Rural Electrification Program is to provide electricity through the ECs in accordance to the National Electrification Administration mandate to pursue the total electrification of the country.

When the Rural Electrification Program started in 1969, the level of electrification was only at 19% and was only concentrated in cities and major economic centers. With the partnership of the government through the National Electrification Administration and its implementing arms, the electric cooperatives, the electrification level continued to rise. Philippine Statistics Authority 2015 Census of Population was used as a basis for potential consumers.

For the fourth quarter of 2020, 91 out of 121 ECs are with 91% and above energization level. Of the 91 ECs, 74 have 100% accomplishment. The majority of ECs with 100% energization level are either Green or Yellow-1 with only two ECs coming from Yellow-2 and Red. On the other hand, 10 ECs had a level of energization below 70%. Half of these ECs are Red with the other half from Yellow-1 and Yellow-2 ECs (Table 34). For a more comprehensive data, refer to Appendix D.

Table 34. 2020 Q4 Energization Level

| Level of Energization | Green | Yellow-1 | Yellow-2 | Red | Total |
|-----------------------|-----------|-----------|----------|----------|--------------|
| 100 | 35 | 37 | 1 | 1 | 74 |
| 97-99 | 5 | 2 | 0 | 1 | 8 |
| 94-96 | 1 | 3 | 0 | 0 | 4 |
| 91-93 | 1 | 4 | 0 | 0 | 5 |
| 88-90 | 1 | 5 | 0 | 0 | 6 |
| 85-87 | 2 | 4 | 0 | 0 | 6 |
| 82-84 | 1 | 1 | 0 | 0 | 2 |
| 79-81 | 1 | 1 | 1 | 0 | 3 |
| 76-78 | 0 | 1 | 0 | 0 | 1 |
| 73-75 | 1 | 1 | 0 | 0 | 2 |
| 70-72 | 0 | 0 | 0 | 0 | 0 |
| Below 70 | 0 | 3 | 1 | 5 | 9 |
| Total | 48 | 62 | 3 | 7 | 120 |

V. Appendices

Appendix A: Electric Cooperatives Performance Assessment Sheet

| Green Electric Cooperatives Performance Assessment Sheet | | | | | | | | | | | |
|--|-----------------------|--|---------------------------|-------------|---------|--|-----------------|-----------------|-----------------|-----------------|------------------------|
| Electric Cooperatives | Working Capital Fund* | One Month Working Capital Requirement* | Collection Efficiency (%) | GENCO | NGCP | Result of Financial Operation (Before RFSC)* | 2020 Net Worth* | 2019 Net Worth* | 2018 Net Worth* | System Loss (%) | Energization Level (%) |
| Region I - Ilocos Region | | | | | | | | | | | |
| ISECO | 538,199 | 186,808 | 98 | Current | Current | 126,221 | 1,392,410 | 1,243,825 | 1,088,239 | 9.51% | 100.00 |
| Region II - Cagayan Valley | | | | | | | | | | | |
| BATANELCO | 10,044 | 7,290 | 96 | Current | N/A | 2,596 | 368,632 | 352,381 | 337,764 | 4.26% | 100.00 |
| CAGELCO I | 398,310 | 173,528 | 96 | Current | Current | 113,661 | 1,280,720 | 1,143,113 | 1,034,462 | 10.11% | 100.00 |
| CAGELCO II | 447,720 | 111,441 | 99 | Current | Current | 80,533 | 1,287,954 | 1,160,738 | 1,059,760 | 9.86% | 97.66 |
| CAR - Cordillera Administrative Region | | | | | | | | | | | |
| MOPRECO | 58,090 | 17,379 | 100 | Current | Current | 8,604 | 461,582 | 440,266 | 434,776 | 9.55% | 100.00 |
| Region III - Central Luzon | | | | | | | | | | | |
| NEECO I | 474,336 | 128,591 | 96 | Current | Current | 108,535 | 1,092,157 | 1,033,892 | 1,053,916 | 7.95% | 100.00 |
| NEECO II - AREA 1 | 311,357 | 153,963 | 98 | Current | Current | 105,436 | 974,152 | 884,478 | 802,810 | 9.62% | 100.00 |
| SAJELCO | 225,108 | 64,973 | 95 | Current | Current | 27,321 | 508,681 | 508,476 | 437,962 | 8.91% | 100.00 |
| PRESCO | 86,429 | 44,695 | 97 | Current | Current | 41,293 | 252,243 | 224,923 | 200,551 | 9.98% | 100.00 |
| PELCO I | 979,258 | 170,335 | 96 | Current | Current | 177,579 | 2,444,082 | 2,142,938 | 1,867,341 | 7.02% | 100.00 |
| ZAMECO I | 331,267 | 77,287 | 95 | Current | Current | 58,840 | 757,186 | 640,875 | 565,963 | 8.71% | 100.00 |
| Region IV-A - CALABARZON | | | | | | | | | | | |
| BATELEC II | 1,247,081 | 475,785 | 97 | Res.Current | Current | 538,057 | 4,453,451 | 4,033,661 | 3,836,282 | 10.94% | 100.00 |
| QUEZELCO II | 102,857 | 31,030 | 96 | Current | Current | 34,841 | 472,116 | 451,463 | 425,561 | 7.86% | 86.58 |
| Region IV-B - MIMAROPA | | | | | | | | | | | |
| TIELCO | 39,991 | 29,769 | 100 | Current | N/A | 14,374 | 236,245 | 228,815 | 267,702 | 8.65% | 100.00 |
| BISELCO | 99,801 | 18,562 | 99 | Current | N/A | 7,895 | 393,544 | 324,491 | 319,451 | 10.90% | 90.78 |
| Region V - Bicol Region | | | | | | | | | | | |
| CASURECO I | 61,527 | 58,733 | 99 | Res.Current | Current | 5,345 | 930,749 | 936,379 | 920,142 | 8.44% | 99.38 |
| CASURECO II | 544,598 | 204,220 | 100 | Res.Current | Current | 93,718 | 650,360 | 684,357 | 859,526 | 7.26% | 100.00 |
| CASURECO IV | 137,456 | 43,150 | 98 | Current | Current | 32,991 | 919,493 | 901,459 | 884,253 | 9.46% | 100.00 |
| FICELCO | 66,876 | 38,922 | 100 | Current | N/A | 44,794 | 254,852 | 212,623 | 200,351 | 10.59% | 100.00 |

Appendix A: Electric Cooperatives Performance Assessment Sheet

| Green Electric Cooperatives Performance Assessment Sheet | | | | | | | | | | | |
|--|-----------------------|--|---------------------------|-------------|-------------|--|-----------------|-----------------|-----------------|-----------------|------------------------|
| Electric Cooperatives | Working Capital Fund* | One Month Working Capital Requirement* | Collection Efficiency (%) | GENCO | NGCP | Result of Financial Operation (Before RFSC)* | 2020 Net Worth* | 2019 Net Worth* | 2018 Net Worth* | System Loss (%) | Energization Level (%) |
| Region VI - Western Visayas | | | | | | | | | | | |
| CAPELCO | 292,627 | 177,095 | 97 | Current | Current | 101,133 | 1,196,836 | 1,167,506 | 1,039,267 | 10.84% | 100.00 |
| ILECO I | 1,181,807 | 207,551 | 95 | Current | Current | 219,027 | 1,935,005 | 1,737,795 | 1,638,135 | 6.07% | 100.00 |
| ILECO III | 295,305 | 78,263 | 100 | Current | Current | 56,740 | 622,970 | 552,495 | 475,927 | 8.82% | 93.94 |
| GUIMELCO | 39,164 | 30,750 | 96 | Current | Current | 72,009 | 502,488 | 459,634 | 411,016 | 9.60% | 97.32 |
| NOCECO | 555,342 | 175,113 | 97 | Current | Current | 59,780 | 1,611,646 | 1,551,278 | 1,455,318 | 11.88% | 80.54 |
| Region VII - Central Visayas | | | | | | | | | | | |
| NORECO I | 132,442 | 54,213 | 96 | Current | Res.Current | 44,787 | 596,996 | 562,374 | 555,918 | 10.73% | 74.51 |
| CEBECO I | 685,131 | 140,731 | 100 | Current | Current | 94,620 | 1,416,325 | 1,304,637 | 1,148,332 | 7.30% | 100.00 |
| CEBECO II | 685,045 | 187,910 | 97 | Current | Current | 224,080 | 1,928,075 | 1,736,571 | 1,545,627 | 6.76% | 100.00 |
| CEBECO III | 380,292 | 88,629 | 100 | Current | Current | 66,251 | 883,047 | 828,433 | 728,296 | 1.18% | 100.00 |
| PROSIELCO | 43,804 | 20,339 | 100 | Current | N/A | 1,790 | 181,823 | 181,356 | 181,581 | 7.41% | 100.00 |
| BOHECO I | 486,683 | 124,060 | 99 | Current | Current | 65,782 | 1,399,623 | 1,325,387 | 1,195,278 | 6.21% | 100.00 |
| BOHECO II | 212,799 | 93,883 | 100 | Current | Current | 71,719 | 706,518 | 706,752 | 638,160 | 9.48% | 100.00 |
| Region VIII - Eastern Visayas | | | | | | | | | | | |
| DORELCO | 115,922 | 51,090 | 96 | Current | Current | 37,475 | 679,940 | 647,537 | 591,919 | 10.90% | 94.87 |
| LEYECO II | 311,038 | 153,134 | 97 | Res.Current | Res.Current | 94,146 | 868,047 | 779,649 | 578,257 | 6.30% | 100.00 |
| LEYECO IV | 225,447 | 49,612 | 97 | Current | Current | 42,284 | 652,482 | 591,743 | 548,196 | 9.96% | 100.00 |
| SOLECO | 443,169 | 71,750 | 100 | Current | Current | 90,054 | 1,432,119 | 1,339,572 | 1,176,593 | 11.98% | 100.00 |
| NORSAMELCO | 85,219 | 56,223 | 98 | Current | Current | 72,149 | 355,622 | 512,078 | 157,125 | 9.12% | 87.34 |
| SAMELCO I | 126,384 | 40,926 | 99 | Current | Current | 106,032 | 425,993 | 441,455 | 418,057 | 5.64% | 100.00 |
| SAMELCO II | 190,052 | 48,187 | 100 | Current | Current | 43,005 | 933,263 | 869,871 | 857,726 | 11.46% | 97.83 |
| ESAMELCO | 168,488 | 53,890 | 100 | Current | Current | 52,315 | 1,219,354 | 1,254,522 | 1,334,961 | 9.80% | 98.42 |

Appendix A: Electric Cooperatives Performance Assessment Sheet

| Green Electric Cooperatives Performance Assessment Sheet | | | | | | | | | | | |
|--|-----------------------|--|---------------------------|---------|-------------|--|-----------------|-----------------|-----------------|-----------------|------------------------|
| Electric Cooperatives | Working Capital Fund* | One Month Working Capital Requirement* | Collection Efficiency (%) | GENCO | NGCP | Result of Financial Operation (Before RFSC)* | 2020 Net Worth* | 2019 Net Worth* | 2018 Net Worth* | System Loss (%) | Energization Level (%) |
| Region IX - Zamboanga Peninsula | | | | | | | | | | | |
| ZAMSURECO I | 320,746 | 190,012 | 99 | Current | Current | 87,081 | 1,761,606 | 1,684,299 | 1,569,603 | 10.41% | 83.77 |
| Region X - Northern Mindanao | | | | | | | | | | | |
| MORESCO I | 291,116 | 231,130 | 96 | Current | Current | 73,249 | 1,706,011 | 1,562,843 | 1,448,874 | 2.01% | 100.00 |
| BUSECO | 132,994 | 131,681 | 99 | Current | Current | 98,810 | 1,300,148 | 1,110,371 | 941,298 | 8.43% | 100.00 |
| Region XIII - CARAGA Administrative Region | | | | | | | | | | | |
| ANECO | 295,727 | 224,551 | 96 | Current | Current | 68,298 | 1,139,009 | 1,185,090 | 1,116,892 | 10.62% | 100.00 |
| SURNECO | 179,693 | 119,392 | 97 | Current | Res.Current | 17,410 | 409,853 | 425,646 | 444,016 | 10.24% | 100.00 |
| SIARELCO | 116,157 | 25,385 | 100 | Current | Current | 24,166 | 351,173 | 326,252 | 284,084 | 6.84% | 100.00 |
| DIELCO | 85,710 | 12,124 | 100 | Current | N/A | 19,818 | 253,337 | 229,087 | 199,842 | 1.71% | 100.00 |
| SURSECO I | 71,623 | 43,216 | 99 | Current | Current | 27,699 | 602,572 | 590,333 | 517,712 | 10.26% | 100.00 |
| SURSECO II | 114,234 | 65,461 | 98 | Current | Current | 50,216 | 464,384 | 390,336 | 324,344 | 11.24% | 100.00 |

Note: * - In Thousand Pesos

Appendix A: Electric Cooperatives Performance Assessment Sheet

| Yellow-1 Electric Cooperatives Performance Assessment Sheet | | | | | | | | | | | |
|---|-----------------------|--|---------------------------|-------------|---------|--|-----------------|-----------------|-----------------|-----------------|------------------------|
| Electric Cooperatives | Working Capital Fund* | One Month Working Capital Requirement* | Collection Efficiency (%) | GENCO | NGCP | Result of Financial Operation (Before RFSC)* | 2020 Net Worth* | 2019 Net Worth* | 2018 Net Worth* | System Loss (%) | Energization Level (%) |
| Region I - Ilocos Region | | | | | | | | | | | |
| INEC | 165,434 | 189,131 | 100 | Current | Current | 5,389 | 776,175 | 1,176,665 | 1,162,707 | 8.98% | 100.00 |
| LUELCO | 230,485 | 141,425 | 94 | Current | Current | 92,688 | 1,178,005 | 1,127,561 | 1,025,616 | 9.53% | 100.00 |
| PANELCO I | 202,288 | 84,383 | 100 | Current | Current | 7,854 | 805,987 | 787,288 | 990,856 | 13.56% | 100.00 |
| CENPELCO | 206,695 | 314,219 | 87 | Res.Current | Current | 185,500 | 1,860,220 | 1,742,770 | 1,155,959 | 9.38% | 100.00 |
| PANELCO III | 587,025 | 237,616 | 92 | Current | Current | 162,338 | 2,044,726 | 1,895,181 | 1,729,794 | 8.85% | 100.00 |
| Region II - Cagayan Valley | | | | | | | | | | | |
| ISELCO I | 493,759 | 302,041 | 95 | Current | Current | 276,754 | 1,279,474 | 914,718 | 1,038,825 | 10.58% | 100.00 |
| ISELCO II | 144,834 | 194,168 | 86 | Current | Current | 94,504 | 1,351,965 | 1,129,218 | 1,142,674 | 11.01% | 100.00 |
| NUVELCO | 114,086 | 113,963 | 86 | Current | Current | 5,767 | 1,416,278 | 1,303,456 | 1,236,540 | 8.23% | 100.00 |
| QUIRELCO | 141,329 | 31,732 | 97 | Current | Current | 53,495 | 511,146 | 480,112 | 443,502 | 12.42% | 100.00 |
| CAR - Cordillera Administrative Region | | | | | | | | | | | |
| BENECO | 611,004 | 200,596 | 94 | Current | Current | (9) | 2,314,908 | 2,214,907 | 2,194,025 | 7.46% | 95.93 |
| KAELCO | 94,319 | 32,475 | 74 | Current | Current | 36,558 | 681,974 | 633,394 | 646,042 | 15.77% | 90.07 |
| Region III - Central Luzon | | | | | | | | | | | |
| AURELCO | 98,959 | 43,475 | 92 | Current | Current | 75,108 | 598,932 | 512,852 | 467,275 | 8.41% | 100.00 |
| TARELCO I | 1,008,272 | 205,952 | 93 | Current | Current | 155,259 | 1,712,744 | 1,562,727 | 1,438,382 | 9.48% | 100.00 |
| TARELCO II | 510,379 | 194,401 | 94 | Current | Current | 209,144 | 1,752,003 | 1,564,512 | 1,463,570 | 8.09% | 100.00 |
| NEECO II - AREA 2 | 538,097 | 173,553 | 90 | Current | Current | 139,612 | 1,276,241 | 1,159,509 | 1,002,016 | 7.81% | 99.01 |
| PELCO II | 294,787 | 293,585 | 95 | Arrears | Current | 368,396 | (251,648) | (619,847) | (377,425) | 10.61% | 100.00 |
| PELCO III | 224,404 | 151,137 | 83 | Arrears | Current | 66,530 | (334,259) | (64,214) | (440,972) | 9.72% | 100.00 |
| PENELCO | 669,594 | 315,091 | 94 | Current | Current | 233,337 | 2,650,560 | 2,381,669 | 2,036,021 | 6.21% | 100.00 |
| ZAMECO II | 174,668 | 116,619 | 93 | Current | Current | 61,678 | 862,545 | 809,634 | 763,882 | 9.17% | 100.00 |

Appendix A: Electric Cooperatives Performance Assessment Sheet

| Yellow-1 Electric Cooperatives Performance Assessment Sheet | | | | | | | | | | | |
|---|-----------------------|--|---------------------------|-------------|-------------|--|-----------------|-----------------|-----------------|-----------------|------------------------|
| Electric Cooperatives | Working Capital Fund* | One Month Working Capital Requirement* | Collection Efficiency (%) | GENCO | NGCP | Result of Financial Operation (Before RFSC)* | 2020 Net Worth* | 2019 Net Worth* | 2018 Net Worth* | System Loss (%) | Energization Level (%) |
| Region IV-A - CALABARZON | | | | | | | | | | | |
| FLECO | 99,172 | 68,488 | 92 | Res.Current | Current | 70,033 | 602,242 | 624,539 | 504,085 | 9.75% | 100.00 |
| BATELEC I | 460,173 | 221,990 | 93 | Current | Current | 58,441 | 1,314,819 | 1,608,475 | 1,503,927 | 9.22% | 100.00 |
| QUEZELCO I | 203,402 | 122,440 | 95 | Current | Current | 51,296 | 1,365,476 | 1,286,809 | 1,062,457 | 16.08% | 88.43 |
| Region IV-B - MIMAROPA | | | | | | | | | | | |
| LUBELCO | 2,859 | 4,081 | 98 | Current | N/A | 2,430 | 73,157 | 88,686 | 86,666 | 8.72% | 100.00 |
| OMECCO | 144,342 | 73,168 | 95 | Current | N/A | 92,660 | 599,516 | 544,358 | 516,518 | 12.27% | 85.25 |
| ORMECO | 140,940 | 192,776 | 92 | Current | N/A | 91,554 | 1,915,748 | 1,838,032 | 1,660,603 | 9.98% | 100.00 |
| MARELCO | 11,059 | 34,688 | 100 | Current | N/A | 356 | 375,821 | 361,168 | 476,495 | 10.03% | 100.00 |
| ROMELCO | 15,571 | 16,786 | 95 | Current | N/A | 11,071 | 403,156 | 395,932 | 373,438 | 10.56% | 100.00 |
| PALECO | 488,765 | 194,336 | 90 | Current | N/A | 112,024 | 1,060,366 | 1,055,427 | 986,441 | 10.70% | 83.81 |
| Region V - Bicol Region | | | | | | | | | | | |
| CANORECO | 293,261 | 115,772 | 92 | Current | Current | 111,858 | 837,982 | 731,372 | 671,282 | 10.85% | 100.00 |
| CASURECO III | 91,272 | 85,653 | 91 | Current | Current | 44,411 | (181,430) | (265,459) | (351,643) | 11.49% | 99.08 |
| SORECO I | 67,066 | 40,612 | 92 | Res.Current | Current | 52,434 | 401,228 | 341,085 | 327,094 | 12.30% | 100.00 |
| SORECO II | 182,915 | 76,276 | 93 | Arrears | Current | 87,083 | 848,672 | 765,898 | 724,414 | 12.40% | 100.00 |
| TISELCO | 14,066 | 7,022 | 71 | Current | N/A | 7,908 | 145,831 | dns | 130,211 | 11.34% | 88.18 |
| Region VI - Western Visayas | | | | | | | | | | | |
| AKELCO | 304,166 | 192,945 | 90 | Res.Current | Current | (24,140) | 1,167,231 | 1,328,288 | 1,336,176 | 9.55% | 100.00 |
| ANTECO | 180,896 | 81,596 | 93 | Current | Current | 103,981 | 1,614,415 | 1,597,847 | 1,463,562 | 1.27% | 100.00 |
| ILECO II | 514,788 | 128,957 | 94 | Res.Current | Res.Current | 111,331 | 1,381,898 | 1,291,781 | 1,260,625 | 9.93% | 90.12 |
| NONECO | 136,823 | 162,824 | 98 | Current | Current | 92,767 | 931,851 | 947,298 | 886,095 | 10.91% | 90.15 |
| CENECO | 766,894 | 568,267 | 90 | Res.Current | Res.Current | 121,009 | 3,173,626 | 3,101,602 | 2,911,354 | 12.11% | 100.00 |
| Region VII - Central Visayas | | | | | | | | | | | |
| NORECO II | 555,778 | 212,049 | 93 | Current | Current | 83,152 | 1,660,264 | 1,593,000 | 1,495,936 | 12.51% | 100.00 |
| BANELCO | 22,355 | 26,458 | 99 | Current | N/A | 7,403 | 431,063 | 428,852 | 386,699 | 8.47% | 100.00 |
| CELCO | 9,824 | 12,785 | 100 | Current | N/A | 4,535 | 176,388 | 172,937 | 143,320 | 7.07% | 100.00 |

Appendix A: Electric Cooperatives Performance Assessment Sheet

| Yellow-1 Electric Cooperatives Performance Assessment Sheet | | | | | | | | | | | |
|---|-----------------------|--|---------------------------|-------------|-------------|--|-----------------|-----------------|-----------------|-----------------|------------------------|
| Electric Cooperatives | Working Capital Fund* | One Month Working Capital Requirement* | Collection Efficiency (%) | GENCO | NGCP | Result of Financial Operation (Before RFSC)* | 2020 Net Worth* | 2019 Net Worth* | 2018 Net Worth* | System Loss (%) | Energization Level (%) |
| Region VIII - Eastern Visayas | | | | | | | | | | | |
| LEYECO III | 45,937 | 37,103 | 94 | Current | Current | 32,105 | 457,710 | 417,183 | 397,459 | 11.67% | 100.00 |
| LEYECO V | 339,113 | 93,081 | 91 | Current | Res.Current | 165,975 | 1,713,894 | 1,570,462 | 1,438,115 | 7.80% | 95.57 |
| BILECO | 125,832 | 24,746 | 93 | Current | Current | 23,825 | 391,445 | 367,704 | 320,739 | 13.61% | 100.00 |
| Region IX - Zamboanga Peninsula | | | | | | | | | | | |
| ZANECO | 114,989 | 160,039 | 95 | Res.Arrears | Current | 54,817 | 1,084,439 | 957,620 | 867,283 | 10.05% | 78.14 |
| Region X - Northern Mindanao | | | | | | | | | | | |
| MOELCI I | 76,468 | 49,568 | 97 | Arrears | Current | 23,877 | 276,133 | 272,080 | 253,377 | 10.95% | 100.00 |
| MOELCI II | 113,402 | 112,717 | 94 | Current | Current | 38,783 | 370,076 | 332,973 | 427,495 | 9.53% | 100.00 |
| MORESCO II | 210,771 | 105,974 | 92 | Arrears | Current | 42,958 | 519,653 | 606,542 | 706,848 | 12.09% | 93.82 |
| FIBECO | 138,946 | 168,429 | 92 | Res.Arrears | Current | 350 | 736,649 | 802,031 | 829,764 | 10.17% | 94.31 |
| CAMELCO | 33,342 | 20,283 | 96 | Arrears | Current | 29,109 | 373,733 | 349,450 | 327,689 | 15.23% | 100.00 |
| LANECO | 66,271 | 78,716 | 96 | Current | Current | 17,515 | 459,313 | 431,718 | 422,446 | 12.52% | 86.53 |
| Region XI - Davao Region | | | | | | | | | | | |
| DORECO | 27,703 | 86,749 | 91 | Current | Res.Current | 37,503 | 566,738 | 540,848 | 594,418 | 11.84% | 91.80 |
| DANECO | 419,487 | 356,618 | 56 | Res.Arrears | Current | 119,552 | 2,083,922 | 2,103,842 | 1,584,408 | 11.71% | 73.99 |
| DASURECO | 300,716 | 259,914 | 93 | Current | Current | 122,264 | 2,345,250 | 2,007,942 | 2,001,459 | 9.01% | 87.02 |
| Region XII - SOCCSKSARGEN | | | | | | | | | | | |
| COTELCO | 240,506 | 151,115 | 93 | Current | Current | 18,634 | 1,621,733 | 1,638,506 | 1,579,262 | 10.15% | 92.56 |
| COTELCO-PPALMA | 93,916 | 70,606 | 91 | Current | Current | 54,903 | 487,774 | 603,650 | 593,185 | 11.21% | 62.36 |
| SOCOTECO I | 593,416 | 190,329 | 100 | Current | Current | 65,161 | 1,462,002 | 1,412,988 | 1,276,270 | 12.35% | 81.14 |
| SOCOTECO II | 723,709 | 578,208 | 91 | Current | Current | 189,023 | 1,978,747 | 1,774,039 | 1,555,600 | 9.12% | 85.15 |
| SUKELCO | 201,350 | 139,290 | 90 | Current | Current | 227 | 1,452,650 | 1,425,909 | 1,428,529 | 11.91% | 92.38 |
| ARMM - Autonomous Region in Muslim Mindanao | | | | | | | | | | | |
| SIASELCO | 8,099 | 2,842 | dns | Current | N/A | 2,046 | 88,528 | 100,739 | INC | 10.74% | 24.81 |
| MAGELCO | 37,161 | 80,738 | 17 | Arrears | Arrears | 200,922 | 1,040,441 | (373,183) | dns | 9.15% | 63.02 |
| Region XIII - CARAGA Administrative Region | | | | | | | | | | | |
| ASELCO | 189,841 | 175,014 | 94 | Res.Current | Current | 53,470 | 1,532,341 | 1,535,073 | 1,475,589 | 8.68% | 100.00 |

Note: * - In Thousand Pesos

Appendix A: Electric Cooperatives Performance Assessment Sheet

| Yellow-2 Electric Cooperatives Performance Assessment Sheet | | | | | | | | | | | |
|--|-----------------------|--|---------------------------|-------------|---------|--|-----------------|-----------------|-----------------|-----------------|------------------------|
| Electric Cooperatives | Working Capital Fund* | One Month Working Capital Requirement* | Collection Efficiency (%) | GENCO | NGCP | Result of Financial Operation (Before RFSC)* | 2020 Net Worth* | 2019 Net Worth* | 2018 Net Worth* | System Loss (%) | Energization Level (%) |
| CAR - Cordillera Administrative Region | | | | | | | | | | | |
| IFELCO | 10,917 | 19,622 | 87 | Arrears | Current | 9,934 | 566,088 | 551,573 | 588,332 | 14.00% | 100.00 |
| Region IX - Zamboanga Peninsula | | | | | | | | | | | |
| ZAMSURECO II | 38,204 | 111,099 | 91 | Res.Arrears | Current | (111,461) | 29,094 | 309,173 | 439,435 | 23.78% | 69.78 |
| ZAMCELCO | 1,313,519 | 418,520 | 92 | Res.Arrears | Arrears | (334,751) | 1,656,349 | 2,020,998 | (207,423) | 24.04% | 79.23 |

Note: * - In Thousand Pesos

Appendix A: Electric Cooperatives Performance Assessment Sheet

| Red Electric Cooperatives Performance Assessment Sheet | | | | | | | | | | | |
|--|-----------------------|--|---------------------------|-------------|---------|--|-----------------|-----------------|-----------------|-----------------|------------------------|
| Electric Cooperatives | Working Capital Fund* | One Month Working Capital Requirement* | Collection Efficiency (%) | GENCO | NGCP | Result of Financial Operation (Before RFSC)* | 2020 Net Worth* | 2019 Net Worth* | 2018 Net Worth* | System Loss (%) | Energization Level (%) |
| CAR - Cordillera Administrative Region | | | | | | | | | | | |
| ABRECO | 25,965 | 39,547 | 88 | Res.Arrears | Current | 24,775 | 27,574 | (44,578) | dns | 15.70% | 100.00 |
| Region V - Bicol Region | | | | | | | | | | | |
| ALECO | 335,846 | 275,747 | 74 | Arrears | Arrears | (235,120) | (1,254,533) | (1,004,703) | (694,559) | dns | 98.75 |
| MASELCO | 67,770 | 63,080 | 94 | Arrears | N/A | 51,610 | 262,140 | 322,010 | 238,990 | 14.54% | 63.45 |
| ARMM - Autonomous Region in Muslim Mindanao | | | | | | | | | | | |
| TAWELCO | 16,434 | 20,111 | 27 | Arrears | N/A | (83,020) | (1,189,383) | dns | dns | 24.40% | 21.82 |
| SULECO | 124,163 | 25,313 | 36 | Arrears | N/A | 8,052 | (772,333) | (849,903) | (934,868) | 23.44% | 26.19 |
| BASELCO | 31,033 | 29,938 | 57 | Arrears | N/A | (67,249) | (1,811,543) | (1,444,361) | (1,361,872) | 27.39% | 52.03 |
| LASURECO | 8,285 | 58,119 | 37 | Arrears | Arrears | (645,980) | (1,282,258) | dns | dns | 60.17% | 34.47 |

Note: * - In Thousand Pesos

Appendix B: System Reliability Indices

| Electric Cooperatives | SAIFI | STATUS | SAIDI | STATUS |
|------------------------------|--------------|---------------|--------------|---------------|
| Region I | | | | |
| INEC | 13 | C | 729.72 | C |
| ISECO | 4.45 | C | 255.74 | C |
| LUELCO | 2.28 | C | 287.23 | C |
| PANELCO I | 5.45 | C | 430.04 | C |
| CENPELCO | 12.93 | C | 724.84 | C |
| PANELCO III | 1.31 | C | 1.01 | C |
| Region II | | | | |
| BATANELCO | dns | | dns | |
| CAGELCO I | 0 | C | 0.00 | C |
| CAGELCO II | 0.13 | C | 0.06 | C |
| ISELCO I | 3.60 | C | 0.00 | C |
| ISELCO II | 20.79 | C | 918.28 | C |
| NUVELCO | dns | | dns | |
| QUIRELCO | 1.57 | C | 432.66 | C |
| CAR | | | | |
| ABRECO | dns | | dns | |
| BENECO | 9.98 | C | 1,228.08 | C |
| IFELCO | 12.51 | C | 708.57 | C |
| KAELCO | dns | | dns | |
| MOPRECO | 9.52 | C | 882.1 | C |
| Region III | | | | |
| AURELCO | 6.14 | C | 478.3 | C |
| TARELCO I | 12.56 | C | 505.64 | C |
| TARELCO II | 8.84 | C | 364.95 | C |
| NEECO I | 9.13 | C | 291.76 | C |
| NEECO II – AREA 1 | 12.07 | C | 1,396.63 | C |
| NEECO II – AREA 2 | 11.35 | C | 1,757.73 | C |
| SAJELCO | dns | | dns | |
| PRESCO | 5.49 | C | 286.90 | C |
| PELCO I | 6.41 | C | 296.54 | C |
| PELCO II | 13.80 | C | 1.20 | C |
| PELCO III | 7.95 | C | 718.31 | C |
| PENELCO | 2.36 | C | 223.68 | C |
| ZAMECO I | 8.13 | C | 427.99 | C |
| ZAMECO II | 2.97 | C | 144.35 | C |

Note: C – Compliant, NC – Non-Compliant

Appendix B: System Reliability Indices

| Electric Cooperatives | SAIFI | STATUS | SAIDI | STATUS |
|------------------------------|--------------|---------------|--------------|---------------|
| Region IV-A | | | | |
| FLECO | 5.51 | C | 650.35 | C |
| BATELEC I | 0.00 | C | 461.72 | C |
| BATELEC II | 4.30 | C | 260.18 | C |
| QUEZELCO I | 8.74 | C | 1,603.45 | C |
| QUEZELCO II | 3.88 | C | 290.57 | C |
| Region IV-B | | | | |
| LUBELCO | 43.35 | NC | 6,655.75 | NC |
| OMECCO | dns | | dns | |
| ORMECO | 23.16 | C | 1,183.14 | C |
| MARELCO | 19.51 | C | 1,581.58 | C |
| TIELCO | 9.64 | C | 714.78 | C |
| ROMELCO | 6.93 | C | 142.52 | C |
| BISELCO | 27.05 | C | 890.68 | C |
| PALECO | 28.97 | C | 2,097.42 | C |
| Region V | | | | |
| CANORECO | dns | | dns | |
| CASURECO I | 12.10 | C | 727.80 | C |
| CASURECO II | 24.19 | C | 14.01 | C |
| CASURECO III | 4.98 | C | 290.75 | C |
| CASURECO IV | 8.81 | C | 310.26 | C |
| ALECO | dns | | dns | |
| SORECO I | 15.89 | C | 1,103.38 | C |
| SORECO II | 6.88 | C | 516.93 | C |
| FICELCO | 7.85 | C | 513.86 | C |
| MASELCO | 14.96 | C | 1,980.08 | C |
| TISELCO | 19.59 | C | 154.02 | C |
| Region VI | | | | |
| AKELCO | 8.65 | C | 0.99 | C |
| ANTECO | dns | | dns | |
| CAPELCO | 9.43 | C | 495.7 | C |
| ILECO I | dns | | dns | |
| ILECO II | 8.87 | C | 101.73 | C |
| ILECO III | 17.18 | C | 416.34 | C |
| GUIMELCO | 4.69 | C | 328.99 | C |
| NONECO | 0.41 | C | 0.00 | C |
| CENECO | 11.50 | C | 351.7 | C |
| NOCECO | 8.19 | C | 346.36 | C |

Note: C – Compliant, NC – Non-Compliant

Appendix B: System Reliability Indices

| Electric Cooperatives | SAIFI | STATUS | SAIDI | STATUS |
|------------------------------|--------------|---------------|--------------|---------------|
| Region VII | | | | |
| NORECO I | 20.82 | C | 1,521.28 | C |
| NORECO II | 12.33 | C | 476.34 | C |
| BANELCO | 0.00 | C | 325.14 | C |
| CEBECO I | 10.05 | C | 558.72 | C |
| CEBECO II | 1.73 | C | 83.04 | C |
| CEBECO III | 8.43 | C | 529.31 | C |
| PROSIELCO | 25.61 | C | 1,769.48 | C |
| CELCO | 28.75 | C | 724.95 | C |
| BOHECO I | 7.66 | C | 661.64 | C |
| BOHECO II | 8.92 | C | 709.49 | C |
| Region VIII | | | | |
| DORELCO | 10.72 | C | 282.56 | C |
| LEYECO II | dns | | dns | |
| LEYECO III | 26.14 | NC | 83.37 | C |
| LEYECO IV | 10.97 | C | 1,096.03 | C |
| LEYECO V | 0.00 | C | 106.79 | C |
| SOLECO | 18.95 | C | 1,607.17 | C |
| BILECO | 18.51 | C | 722.24 | C |
| NORSAMELCO | dns | | dns | |
| SAMELCO I | dns | | dns | |
| SAMELCO II | dns | | dns | |
| ESAMELCO | 0.98 | C | 48.79 | C |
| Region IX | | | | |
| ZANECO | dns | | dns | |
| ZAMSURECO I | 9.55 | C | 617.5 | C |
| ZAMSURECO II | dns | | dns | |
| ZAMCELCO | 54.92 | NC | 1,848.81 | C |
| Region X | | | | |
| MOELCI I | 12.35 | C | 1,644.52 | C |
| MOELCI II | dns | | dns | |
| MORESCO I | 2.36 | C | 199.8 | C |
| MORESCO II | 22.87 | C | 1,858.65 | C |
| FIBECO | dns | | dns | |
| BUSECO | dns | | dns | |
| CAMELCO | 24.34 | C | 942.66 | C |
| LANECO | 0.00 | C | 0 | C |

Note: C – Compliant, NC – Non-Compliant

Appendix B: System Reliability Indices

| Electric Cooperatives | SAIFI | STATUS | SAIDI | STATUS |
|------------------------------|--------------|---------------|--------------|---------------|
| Region XI | | | | |
| DORECO | 4.02 | C | 149.98 | C |
| DANECO | 13.36 | C | 82.34 | C |
| DASURECO | 13.52 | C | 12.44 | C |
| Region XII | | | | |
| COTELCO | 10.73 | C | 204.58 | C |
| COTELCO-PPALMA | 0.12 | C | 3.02 | C |
| SOCOTECO I | 11.23 | C | 633.45 | C |
| SOCOTECO II | 5.25 | C | 125.26 | C |
| SUKELCO | 3.53 | C | 123.36 | C |
| ARMM | | | | |
| TAWELCO | dns | | dns | |
| SIASELCO | dns | | dns | |
| SULECO | dns | | dns | |
| BASELCO | dns | | dns | |
| CASELCO | dns | | dns | |
| LASURECO | dns | | dns | |
| MAGELCO | 21.50 | C | 2,164.48 | C |
| CARAGA | | | | |
| ANECO | 4.44 | C | 473.22 | C |
| ASELCO | 6.10 | C | 283.26 | C |
| SURNECO | 9.51 | C | 882.77 | C |
| SIARELCO | 6.82 | C | 782.19 | C |
| DIELCO | 10.61 | C | 1.98 | C |
| SURSECO I | 9.42 | C | 1,441.07 | C |
| SURSECO II | dns | | dns | |

Note: C – Compliant, NC – Non-Compliant

Appendix C: Institutional Rating Compliance Table

| Electric Cooperatives | Institutional Rating | Color Classification |
|------------------------------|-----------------------------|-----------------------------|
| Region I | | |
| INEC | 63 | Yellow-1 |
| ISECO | 90 | Green |
| LUELCO | 100 | Yellow-1 |
| PANELCO I | 87 | Yellow-1 |
| CENPELCO | 74 | Yellow-1 |
| PANELCO III | 91 | Yellow-1 |
| Region II | | |
| BATANELCO | 100 | Green |
| CAGELCO I | 81 | Green |
| CAGELCO II | 90 | Green |
| ISELCO I | 90 | Yellow-1 |
| ISELCO II | 65 | Yellow-1 |
| NUVELCO | 86 | Yellow-1 |
| QUIRELCO | 83 | Yellow-1 |
| CAR | | |
| ABRECO | 52 | Red |
| BENECO | 88 | Yellow-1 |
| IFELCO | 59 | Yellow-2 |
| KAELCO | 47 | Yellow-1 |
| MOPRECO | 98 | Green |
| Region III | | |
| AURELCO | 100 | Yellow-1 |
| TARELCO I | 97 | Yellow-1 |
| TARELCO II | 100 | Yellow-1 |
| NEECO I | 100 | Green |
| NEECO II – AREA 1 | 100 | Green |
| NEECO II – AREA 2 | 100 | Yellow-1 |
| SAJELCO | 79 | Green |
| PRESCO | 100 | Green |
| PELCO I | 100 | Green |
| PELCO II | 90 | Yellow-1 |
| PELCO III | 94 | Yellow-1 |
| PENELCO | 97 | Yellow-1 |
| ZAMECO I | 97 | Green |
| ZAMECO II | 99 | Yellow-1 |

Appendix C: Institutional Rating Compliance Table

| Electric Cooperatives | Institutional Rating | Color Classification |
|------------------------------|-----------------------------|-----------------------------|
| Region IV-A | | |
| FLECO | 100 | Yellow-1 |
| BATELEC I | 100 | Yellow-1 |
| BATELEC II | 100 | Green |
| QUEZELCO I | 92 | Yellow-1 |
| QUEZELCO II | 100 | Green |
| Region IV-B | | |
| LUBELCO | 90 | Yellow-1 |
| OMECO | 90 | Yellow-1 |
| ORMECO | 97 | Yellow-1 |
| MARELCO | 100 | Yellow-1 |
| TIELCO | 100 | Green |
| ROMELCO | 97 | Yellow-1 |
| BISELCO | 93 | Green |
| PALECO | 73 | Yellow-1 |
| Region V | | |
| CANORECO | 88 | Yellow-1 |
| CASURECO I | 100 | Green |
| CASURECO II | 97 | Green |
| CASURECO III | 99 | Yellow-1 |
| CASURECO IV | 100 | Green |
| ALECO | 60 | Red |
| SORECO I | 80 | Yellow-1 |
| SORECO II | 91 | Yellow-1 |
| FICELCO | 94 | Green |
| MASELCO | 95 | Red |
| TISELCO | 45 | Yellow-1 |
| Region VI | | |
| AKELCO | 90 | Yellow-1 |
| ANTECO | 96 | Yellow-1 |
| CAPELCO | 95 | Green |
| ILECO I | 95 | Green |
| ILECO II | 100 | Yellow-1 |
| ILECO III | 100 | Green |
| GUIMELCO | 100 | Green |
| NONECO | 85 | Yellow-1 |
| CENECO | 100 | Yellow-1 |
| NOCECO | 90 | Green |

Appendix C: Institutional Rating Compliance Table

| Electric Cooperatives | Institutional Rating | Color Classification |
|------------------------------|-----------------------------|-----------------------------|
| Region VII | | |
| NORECO I | 82 | Green |
| NORECO II | 83 | Yellow-1 |
| BANELCO | 100 | Yellow-1 |
| CEBECO I | 100 | Green |
| CEBECO II | 100 | Green |
| CEBECO III | 93 | Green |
| PROSIELCO | 98 | Green |
| CELCO | 95 | Yellow-1 |
| BOHECO I | 99 | Green |
| BOHECO II | 100 | Green |
| Region VIII | | |
| DORELCO | 87 | Green |
| LEYECO II | 97 | Green |
| LEYECO III | 52 | Yellow-1 |
| LEYECO IV | 100 | Green |
| LEYECO V | 47 | Yellow-1 |
| SOLECO | 88 | Green |
| BILECO | 96 | Yellow-1 |
| NORSAMELCO | 83 | Green |
| SAMELCO I | 87 | Green |
| SAMELCO II | 90 | Green |
| ESAMELCO | 95 | Green |
| Region IX | | |
| ZANECO | 67 | Yellow-1 |
| ZAMSURECO I | 100 | Green |
| ZAMSURECO II | 92 | Yellow-2 |
| ZAMCELCO | 91 | Yellow-2 |
| Region X | | |
| MOELCI I | 90 | Yellow-1 |
| MOELCI II | 90 | Yellow-1 |
| MORESCO I | 94 | Green |
| MORESCO II | 97 | Yellow-1 |
| FIBECO | 90 | Yellow-1 |
| BUSECO | 85 | Green |
| CAMELCO | 97 | Yellow-1 |
| LANECO | 90 | Yellow-1 |

Appendix C: Institutional Rating Compliance Table

| Electric Cooperatives | Institutional Rating | Color Classification |
|------------------------------|-----------------------------|-----------------------------|
| Region XI | | |
| DORECO | 90 | Yellow-1 |
| DANECO | 87 | Yellow-1 |
| DASURECO | 67 | Yellow-1 |
| Region XII | | |
| COTELCO | 99 | Yellow-1 |
| COTELCO-PPALMA | 49 | Yellow-1 |
| SOCOTECO I | 100 | Yellow-1 |
| SOCOTECO II | 100 | Yellow-1 |
| SUKELCO | 97 | Yellow-1 |
| ARMM | | |
| TAWELCO | 49 | Red |
| SIASELCO | 54 | Yellow-1 |
| SULECO | 93 | Red |
| BASELCO | 47 | Red |
| CASELCO | 49 | - |
| LASURECO | 65 | Red |
| MAGELCO | 44 | Yellow-1 |
| Region XIII | | |
| ANECO | 100 | Green |
| ASELCO | 87 | Yellow-1 |
| SURNECO | 100 | Green |
| SIARELCO | 100 | Green |
| DIELCO | 100 | Green |
| SURSECO I | 100 | Green |
| SURSECO II | 98 | Green |

Appendix D: Energization Level Table

| Electric Cooperatives | Energization Level | Color Classification |
|------------------------------|---------------------------|-----------------------------|
| Region I | | |
| INEC | 100.00 | Yellow-1 |
| ISECO | 100.00 | Green |
| LUELCO | 100.00 | Yellow-1 |
| PANELCO I | 100.00 | Yellow-1 |
| CENPELCO | 100.00 | Yellow-1 |
| PANELCO III | 100.00 | Yellow-1 |
| Region II | | |
| BATANELCO | 100.00 | Green |
| CAGELCO I | 100.00 | Green |
| CAGELCO II | 97.66 | Green |
| ISELCO I | 100.00 | Yellow-1 |
| ISELCO II | 100.00 | Yellow-1 |
| NUVELCO | 100.00 | Yellow-1 |
| QUIRELCO | 100.00 | Yellow-1 |
| CAR | | |
| ABRECO | 100.00 | Red |
| BENECO | 95.93 | Yellow-1 |
| IFELCO | 100.00 | Yellow-2 |
| KAELCO | 90.07 | Yellow-1 |
| MOPRECO | 100.00 | Green |
| Region III | | |
| AURELCO | 100.00 | Yellow-1 |
| TARELCO I | 100.00 | Yellow-1 |
| TARELCO II | 100.00 | Yellow-1 |
| NEECO I | 100.00 | Green |
| NEECO II – AREA 1 | 100.00 | Green |
| NEECO II – AREA 2 | 99.01 | Yellow-1 |
| SAJELCO | 100.00 | Green |
| PRESCO | 100.00 | Green |
| PELCO I | 100.00 | Green |
| PELCO II | 100.00 | Yellow-1 |
| PELCO III | 100.00 | Yellow-1 |
| PENELCO | 100.00 | Yellow-1 |
| ZAMECO I | 100.00 | Green |
| ZAMECO II | 100.00 | Yellow-1 |

Appendix D: Energization Level Table

| Electric Cooperatives | Energization Level | Color Classification |
|------------------------------|---------------------------|-----------------------------|
| Region IV-A | | |
| FLECO | 100.00 | Yellow-1 |
| BATELEC I | 100.00 | Yellow-1 |
| BATELEC II | 100.00 | Green |
| QUEZELCO I | 88.43 | Yellow-1 |
| QUEZELCO II | 86.58 | Green |
| Region IV-B | | |
| LUBELCO | 100.00 | Yellow-1 |
| OMECO | 85.25 | Yellow-1 |
| ORMECO | 100.00 | Yellow-1 |
| MARELCO | 100.00 | Yellow-1 |
| TIELCO | 100.00 | Green |
| ROMELCO | 100.00 | Yellow-1 |
| BISELCO | 90.78 | Green |
| PALECO | 83.81 | Yellow-1 |
| Region V | | |
| CANORECO | 100.00 | Yellow-1 |
| CASURECO I | 99.38 | Green |
| CASURECO II | 100.00 | Green |
| CASURECO III | 99.08 | Yellow-1 |
| CASURECO IV | 100.00 | Green |
| ALECO | 98.75 | Red |
| SORECO I | 100.00 | Yellow-1 |
| SORECO II | 100.00 | Yellow-1 |
| FICELCO | 100.00 | Green |
| MASELCO | 63.45 | Red |
| TISELCO | 88.18 | Yellow-1 |
| Region VI | | |
| AKELCO | 100.00 | Yellow-1 |
| ANTECO | 100.00 | Yellow-1 |
| CAPELCO | 100.00 | Green |
| ILECO I | 100.00 | Green |
| ILECO II | 90.12 | Yellow-1 |
| ILECO III | 93.94 | Green |
| GUIMELCO | 97.32 | Green |
| NONECO | 90.15 | Yellow-1 |
| CENECO | 100.00 | Yellow-1 |
| NOCECO | 80.54 | Green |

Appendix D: Energization Level Table

| Electric Cooperatives | Energization Level | Color Classification |
|------------------------------|---------------------------|-----------------------------|
| Region VII | | |
| NORECO I | 74.51 | Green |
| NORECO II | 100.00 | Yellow-1 |
| BANELCO | 100.00 | Yellow-1 |
| CEBECO I | 100.00 | Green |
| CEBECO II | 100.00 | Green |
| CEBECO III | 100.00 | Green |
| PROSIELCO | 100.00 | Green |
| CELCO | 100.00 | Yellow-1 |
| BOHECO I | 100.00 | Green |
| BOHECO II | 100.00 | Green |
| Region VIII | | |
| DORELCO | 94.87 | Green |
| LEYECO II | 100.00 | Green |
| LEYECO III | 100.00 | Yellow-1 |
| LEYECO IV | 100.00 | Green |
| LEYECO V | 95.57 | Yellow-1 |
| SOLECO | 100.00 | Green |
| BILECO | 100.00 | Yellow-1 |
| NORSAMELCO | 87.34 | Green |
| SAMELCO I | 100.00 | Green |
| SAMELCO II | 97.83 | Green |
| ESAMELCO | 98.42 | Green |
| Region IX | | |
| ZANECO | 78.14 | Yellow-1 |
| ZAMSURECO I | 83.77 | Green |
| ZAMSURECO II | 69.78 | Yellow-2 |
| ZAMCELCO | 79.23 | Yellow-2 |
| Region X | | |
| MOELCI I | 100.00 | Yellow-1 |
| MOELCI II | 100.00 | Yellow-1 |
| MORESCO I | 100.00 | Green |
| MORESCO II | 93.82 | Yellow-1 |
| FIBECO | 94.31 | Yellow-1 |
| BUSECO | 100.00 | Green |
| CAMELCO | 100.00 | Yellow-1 |
| LANECO | 86.53 | Yellow-1 |

Appendix D: Energization Level Table

| Electric Cooperatives | Energization Level | Color Classification |
|------------------------------|---------------------------|-----------------------------|
| Region XI | | |
| DORECO | 91.80 | Yellow-1 |
| DANECO | 73.99 | Yellow-1 |
| DASURECO | 87.02 | Yellow-1 |
| Region XII | | |
| COTELCO | 92.56 | Yellow-1 |
| COTELCO-PPALMA | 62.36 | Yellow-1 |
| SOCOTECO I | 81.14 | Yellow-1 |
| SOCOTECO II | 85.15 | Yellow-1 |
| SUKELCO | 92.38 | Yellow-1 |
| ARMM | | |
| TAWELCO | 21.82 | Red |
| SIASELCO | 24.81 | Yellow-1 |
| SULECO | 26.19 | Red |
| BASELCO | 52.03 | Red |
| CASELCO | 34.47 | - |
| LASURECO | 63.02 | Red |
| MAGELCO | 21.82 | Yellow-1 |
| Region XIII | | |
| ANECO | 100.00 | Green |
| ASELCO | 100.00 | Yellow-1 |
| SURNECO | 100.00 | Green |
| SIARELCO | 100.00 | Green |
| DIELCO | 100.00 | Green |
| SURSECO I | 100.00 | Green |
| SURSECO II | 100.00 | Green |

Appendix E: Electric Cooperatives List

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. |

Appendix E: Electric Cooperatives List

Region IV-A

CALABARZON

| | |
|-------------|---|
| FLECO | First Laguna Electric Cooperative, Inc. |
| BATELEC I | Batangas I Mindoro 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. |
| OMECO | 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. |

Appendix E: Electric Cooperatives List

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. |

Appendix E: Electric Cooperatives List

Region XI

Davao Region

DORECO
DANEKO
DASURECO

Davao Oriental Electric Cooperative, Inc.
Davao del Norte Electric Cooperative, Inc.
Davao del Sur Electric Cooperative, Inc.

Region XII

SOCCSKSARGEN

COTELCO
COTELCO-PPALMA
SOCOTECO I
SOCOTECO II
SUKELCO

North Cotabato Electric Cooperative, Inc.
North Cotabato Electric Cooperative, Inc. - PPALMA
South Cotabato I Electric Cooperative, Inc.
South Cotabato II Electric Cooperative, Inc.
Sultan Kudarat Electric Cooperative, Inc.

ARMM

Autonomous Region in Muslim Mindanao

TAWELCO
SIASELCO
SULECO
BASELCO
CASELCO
LASURECO
MAGELCO

Tawi-Tawi Electric Cooperative, Inc.
Siasi Electric Cooperative, Inc.
Sulu Electric Cooperative, Inc.
Basilan Electric Cooperative, Inc.
Cagayan de Sulu Electric Cooperative, Inc.
Lanao del Sur Electric Cooperative, Inc.
Maguindanao Electric Cooperative, Inc.

Region XIII

Caraga Administrative Region

ANECO
ASELCO
SURNECO
SIARELCO
DIELCO
SURSECO I
SURSECO II

Agusan del Norte Electric Cooperative, Inc.
Agusan del Sur Electric Cooperative, Inc.
Surigao del Norte Electric Cooperative, Inc.
Siargao Electric Cooperative, Inc.
Dinagat Island Electric Cooperative, Inc.
Surigao del Sur I Electric Cooperative, Inc.
Surigao del Sur II Electric Cooperative, Inc.