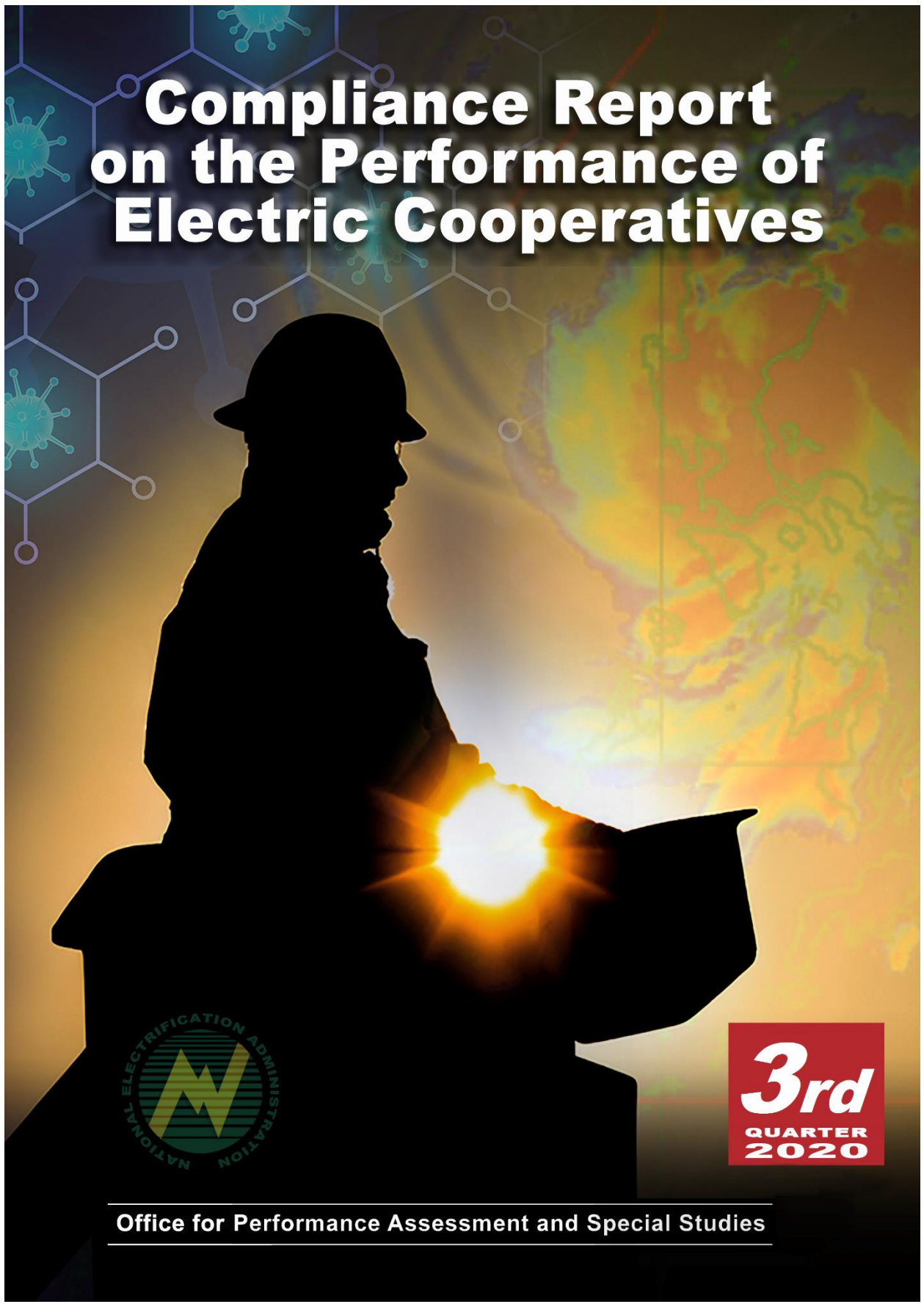


# Compliance Report on the Performance of Electric Cooperatives



**3rd**  
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 performance parameters on the status of financial, operational, technical, and institutional operations. ECs are also classified accordingly to determine the needed NEA's interventions to improve and upgrade their operations.

As of the third quarter of 2020, 46 ECs were labeled as Green, 62 as Yellow-1, 6 as Yellow-2, and 7 as Red, summing up to 121 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, 60 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 102 ECs tagged as current and restructured- current while 95 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 110 ECs with a positive income and 111 ECs with positive net worth.

On the technical criteria, 87 ECs registered system loss level within the standard of 12% or below. Out of the 87 ECs, 52 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. Eighty-six (86) ECs were compliant to the System Average Interruption Frequency Index (SAIFI) standard while 88 ECs were within the System Average Interruption Duration Index (SAIDI) standard.

On the status of energization, 88 ECs recorded 91% and above level of electrification, of which, 71 ECs achieved 100% energization level.

Concerning the ECs' compliance on the institutional norms, 102 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 third 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 March 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 and technical conditions (Table 1).

**Table 1.** Established Key Performance Standards and Parameters

<b>Parameter</b>	<b>Standard</b>
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 third quarter of 2020, there were 46 Green ECs, 62 Yellow-1 ECs, 6 Yellow-2 ECs, and 7 Red ECs (Tables 2-5).

**Table 2.** 2020 Q3 Green Electric Cooperatives

Green Electric Cooperatives			
ISECO	BISELCO	CEBECO II	ZAMSURECO I
CAGELCO I	CASURECO I	CEBECO III	MOELCI I
CAGELCO II	CASURECO II	PROSIELCO	MORESCO I
ISELCO I	CASURECO IV	BOHECO I	BUSECO
MOPRECO	FICELCO	BOHECO II	ANECO
NEECO II - AREA 1	CAPELCO	DORELCO	ASELCO
PRESCO	ILECO III	LEYECO II	SURNECO
PELCO I	NONECO	LEYECO IV	SIARELCO
ZAMECO I	NOCECO	NORSAMELCO	DIELCO
LUBELCO	NORECO I	SAMELCO I	SURSECO I
TIELCO	BANELCO	ESAMELCO	SURSECO II
ROMELCO	CEBECO I		

**Table 3.** 2020 Q3 Yellow-1 Electric Cooperatives

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

**Table 4.** 2020 Q3 Yellow-2 Electric Cooperatives

Yellow -2 Electric Cooperatives			
IFELCO	ZAMCELCO	SIASELCO	CASELCO
ZAMSURECO II	FIBECO		

**Table 5.** 2020 Q3 Red Electric Cooperatives

<b>Red Electric Cooperatives</b>			
ABRECO	MASELCO	SULECO	LASURECO
ALECO	TAWELCO	BASELCO	

The number of Green ECs continues to vary for the last few quarters while Yellow-2 ECs decreased to 6 (Table 6).

**Table 6.** 2020 Q3 vs. 2019 Classification of Electric Cooperatives

Classification	2020 Q3	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Green	46	36	53	83	78
Yellow-1	62	71	53	26	28
Yellow-2	6	7	8	4	7
Red	7	7	7	8	8
<b>Total</b>	<b>121</b>	121	121	121	121

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

**Table 7.** 2020 Q3 Electric Cooperatives (Incomplete/Non-Submittal)

<b>Electric Cooperatives</b>	
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 Q3 Color Classification of Electric Cooperatives (Per Island Group)

Classification	Luzon	Visayas	Mindanao
Green	17	18	11
Yellow-1	35	13	14
Yellow-2	1	-	5
Red	3	-	4
<b>Total</b>	56	31	34

**Table 9.** 2020 Q3 vs. Former Color Classification of Electric Cooperatives (Per Region)

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



**Table 9.** (Continued)

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

**Table 9.** (Continued)

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

**Table 9.** (Continued)

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

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.

Among the 121 ECs, there were 119 ECs evaluated with only 100 ECs being compliant (Table 10).

**Table 10.** 2020 Q3 Cash General Fund

Condition	Green	Yellow-1	Yellow-2	Red	Total
<b>Compliant</b>	<b>46</b>	<b>50</b>	<b>1</b>	<b>3</b>	<b>100</b>
Non-Compliant	-	12	3	4	<b>19</b>
Total	46	62	4	7	<b>119</b>

**Table 11.** 2020 Q3 vs. 2019 Cash General Fund

Condition	2020 Q3	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	<b>119</b>	116	118	115	110
Compliant	<b>100</b>	96	94	98	94
<b>Percentage</b>	<b>84.03%</b>	<b>82.76%</b>	<b>79.66%</b>	<b>85.22%</b>	<b>85.45%</b>

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 121 ECs, 118 ECs were assessed and the result was 60 ECs were able to collect at least 95% of its consumer accounts receivables (Table 12).

**Table 12.** 2020 Q3 Collection Efficiency

	Green	Yellow-1	Yellow-2	Red	<b>Total</b>
<b>Compliant</b>	<b>46</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>60</b>
Non-Compliant	-	47	4	7	<b>58</b>
Total	46	61	4	7	<b>118</b>

**Table 13.** 2020 Q3 vs. 2019 Collection Efficiency

Condition	<b>2020 Q3</b>	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	<b>118</b>	115	118	114	110
Compliant	<b>60</b>	50	79	98	98
<b>Percentage</b>	<b>50.85%</b>	<b>43.48%</b>	<b>66.95%</b>	<b>85.96%</b>	<b>89.09%</b>

**Table 14.** 2020 Q3 Perfectly Efficient Electric (100%) Cooperatives in Collection

Condition	Green	Yellow-1	Yellow-2	Red	<b>Total</b>
Compliant	46	14	-	-	<b>60</b>
<b>100% Eff.</b>	<b>9</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>13</b>
Percentage	19.57%	28.57%	-	-	<b>21.67%</b>

**Table 15.** 2020 Q3 vs. 2019 Perfectly Efficient Electric Cooperatives in Collection

Condition	<b>2020 Q3</b>	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Compliant	<b>60</b>	50	79	98	98
100% Eff.	<b>13</b>	12	17	28	31
<b>Percentage</b>	<b>21.67%</b>	<b>24.00%</b>	<b>21.52%</b>	<b>28.57%</b>	<b>31.63%</b>

Only 50.85% are compliant for this quarter compared to the results of the previous quarters, (Table 13). Out of the 60 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 two quarters 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; the two (2) typhoons, namely Tisoy and Ursula, that devastated some ECs in Region IV-B, Region V, Region VI and Region VIII and the impact of Covid-19 pandemic.

### **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 bills on time. On the other hand, “Arrears” or “Restructured Arrears” shows the inability of an EC to pay its dues regularly.

A total of 121 ECs were evaluated for their payment to their power suppliers. Out of the 121, 102 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 84.30% efficiency (Table 17).

**Table 16.** 2020 Q3 Payment to Generating Companies

Condition	Green	Yellow-1	Yellow-2	Red	Total
<b>Compliant</b>	<b>46</b>	<b>55</b>	<b>1</b>	<b>-</b>	<b>102</b>
Non-Compliant	-	7	5	7	<b>19</b>
Total	46	62	6	7	<b>121</b>

**Table 17.** 2020 Q3 vs. 2019 Payment to Generating Companies

Condition	2020 Q3	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	<b>121</b>	105	120	117	110
Compliant	<b>102</b>	89	105	102	93
<b>Percentage</b>	<b>84.30%</b>	<b>84.76%</b>	<b>87.50%</b>	<b>87.18%</b>	<b>84.55%</b>

**Table 18.** 2020 Q3 Payment to NGCP

Condition	Green	Yellow-1	Yellow-2	Red	Total
<b>Compliant</b>	<b>38</b>	<b>52</b>	<b>4</b>	<b>1</b>	<b>95</b>
Non-Compliant	-	3	-	2	<b>5</b>
Total	38	55	4	3	<b>100</b>

**Table 19.** 2020 Q3 vs. 2019 Payment to NGCP

Condition	2020 Q3	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	<b>100</b>	100	99	99	100
Compliant	<b>95</b>	95	98	96	98
<b>Percentage</b>	<b>95.00%</b>	<b>95.00%</b>	<b>98.99%</b>	<b>98.00%</b>	<b>98.00%</b>

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 95.00% compared to 84.30% of their payment to generating companies (Tables 19 and 17).

**Table 20.** 2020 Q3 Payment to GENCO by Small Power Utilities Group (SPUG)

Condition	Green	Yellow-1	Yellow-2	Red	<b>Total</b>
<b>Compliant</b>	<b>8</b>	<b>6</b>	<b>1</b>	<b>-</b>	<b>15</b>
Non-Compliant	-	1	1	4	<b>6</b>
Total	8	7	2	4	<b>21</b>

**Table 21.** 2020 Q3 vs. 2019 Payment to GENCO by Small Power Utilities Group

Condition	<b>2020 Q3</b>	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	<b>21</b>	21	21	19	-
Compliant	<b>15</b>	17	18	15	-
<b>Percentage</b>	<b>71.43%</b>	<b>80.95%</b>	<b>85.71%</b>	<b>78.95%</b>	-

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 the 21 SPUG ECs were evaluated and 15 are assessed as compliant (Table 20). The number of compliant SPUG ECs decreased during the third quarter of 2020 from 17 to 15 (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 Q3 Result of Financial Operation (Before RFSC)

Condition	Green	Yellow-1	Yellow-2	Red	<b>Total</b>
<b>Compliant</b>	<b>46</b>	<b>60</b>	<b>1</b>	<b>3</b>	<b>110</b>
Non-Compliant	-	2	3	4	<b>9</b>
Total	46	62	4	7	<b>119</b>

**Table 23.** 2020 Q3 vs. 2019 Result of Financial Operation (Before RFSC)

Condition	<b>2020 Q3</b>	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	<b>119</b>	116	118	115	110
Compliant	<b>110</b>	106	98	109	103
<b>Percentage</b>	<b>92.44%</b>	<b>91.38%</b>	<b>83.05%</b>	<b>94.78%</b>	<b>93.64%</b>

Out of the 119 evaluated ECs, 110 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 Q3 Net Worth

Condition	Green	Yellow-1	Yellow-2	Red	Total
<b>Compliant</b>	<b>46</b>	<b>59</b>	<b>4</b>	<b>2</b>	<b>111</b>
Non-Compliant	-	3	-	5	<b>8</b>
Total	46	62	4	7	<b>119</b>

**Table 25.** 2020 Q3 vs. 2019 Net Worth

Condition	2020 Q2	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	<b>119</b>	116	116	115	110
Compliant	<b>111</b>	109	109	109	105
<b>Percentage</b>	<b>93.28%</b>	<b>93.97%</b>	<b>93.97%</b>	<b>94.78%</b>	<b>95.45%</b>

For the ECs' net worth, 111 out of 119 ECs have a positive net worth for this year's third 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 Q3 System Loss

Condition	Green	Yellow-1	Yellow-2	Red	Total
<b>Compliant</b>	<b>46</b>	<b>39</b>	<b>2</b>	<b>-</b>	<b>87</b>
Non-Compliant	-	22	3	7	<b>32</b>
Total	46	61	5	7	<b>119</b>



**Table 27.** 2020 Q3 vs. 2019 System Loss

Condition	2020 Q3	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	119	117	114	117	116
Compliant	87	88	88	99	93
<b>Percentage</b>	<b>73.11%</b>	<b>75.21%</b>	<b>77.19%</b>	<b>84.62%</b>	<b>80.17%</b>

Out of the 119 evaluated ECs, 87 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 Q3 Single-Digit System Loss

Condition	Green	Yellow-1	Yellow-2	Red	Total
Compliant	46	39	2	-	87
<b>Single-Digit</b>	<b>25</b>	<b>27</b>	<b>-</b>	<b>-</b>	<b>52</b>
Percentage	54.35%	69.23%	-	-	59.77%

**Table 29.** 2020 Q3 vs. 2019 Single-Digit System Loss

Condition	2020 Q3	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Compliant	87	88	88	99	93
Single-Digit	52	53	57	59	50
<b>Percentage</b>	<b>59.77%</b>	<b>60.23%</b>	<b>64.77%</b>	<b>59.60%</b>	<b>53.76%</b>

As more ECs meet the standards in system loss, others continue to reduce their system loss up to a single-digit level (Table 28). Since the last quarter of 2019, the number of ECs with single-digit system loss continued to decrease (Table 29).

While the number of compliant ECs in the system loss parameter continue to increase, high system loss continue 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
- h. Compliance to the electric distribution standards

### Power Reliability

The electric cooperatives' ability to meet the electricity needs of and provide efficient and reliable power services for 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 89 ECs evaluated, 86 were compliant having a level of 96.63% which was the highest compared to the previous quarters of 2020 and 2019 (Table 30).

**Table 30.** 2020 Q3 vs. 2019 System Average Interruption Frequency Index

Condition	2020 Q3	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	89	78	74	115	115
Compliant	86	72	71	108	109
<b>Percentage</b>	<b>96.63%</b>	<b>95.95%</b>	<b>93.91%</b>	<b>94.78%</b>	<b>93.04%</b>

#### 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 third quarter of 2020, 89 ECs were evaluated, the result, 88 ECs were compliant or with 98.88% compliance level (Table 31).

**Table 31.** 2020 Q3 vs. 2019 System Average Interruption Duration Index

Condition	2020 Q3	2020 Q2	2020 Q1	2019 Q4	2019 Q3
Evaluated	89	78	74	115	115
Compliant	88	76	73	111	108
<b>Percentage</b>	<b>98.88%</b>	<b>97.44%</b>	<b>98.65%</b>	<b>96.52%</b>	<b>93.91%</b>

### 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 EC management handles its operations and how effective the services provided by the EC to its member-consumer-owners. This is also to encourage participation and involvement of MCOs in the activities of the ECs. The performance rating for the institutional parameters is at least 80% to be considered compliant. 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 services to the stakeholders (Table 32). For overall institutional ratings, see Appendix C.

**Table 32.** Institutional Standards and Parameters Criteria

Parameter	Weight
<b>Good Governance.</b>	<b>50%</b>
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%
<b>Leadership and Management</b>	<b>20%</b>
Employee-Consumer Ratio	10%
Availability of Retirement Fund	10%
<b>Stakeholders</b>	<b>30%</b>
Customer Service Standards	14%
Conduct of AGMA	6%
District Election	6%
Action on Consumer Complaint	4%
<b>Total</b>	<b>100%</b>

For this quarter, 102 ECs are compliant, 10 are partially compliant, and 9 are non-compliant. In comparison with the previous quarter's data, the number of compliant ECs increased (Table 33).

**Table 33.** 2020 Q3 Institutional Standards and Parameters

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

#### 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 of pursuing the total electrification of the country.

When the Rural Electrification Program started in 1969, the level of electrification was only 19%, 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 third quarter of 2020, 88 out of 121 ECs are with 91% and above energization level. Of the 88 ECs, 71 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 Q2 Energization Level

Level of Energization	Green	Yellow-1	Yellow-2	Red	Total
100	35	34	1	1	71
97-99	2	5	-	1	8
94-96	1	3	-	-	4
91-93	2	2	1	-	5
88-90	2	5	-	-	7
85-87	1	5	-	-	6
82-84	-	3	-	-	3
79-81	2	1	-	-	3
76-78	-	1	1	-	2
73-75	1	-	-	-	1
70-72	-	1	-	-	1
Below 70	-	2	3	5	10
<b>Total</b>	<b>46</b>	<b>62</b>	<b>6</b>	<b>7</b>	<b>121</b>

## 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 (%)
<b>Region I - Ilocos Region</b>											
ISECO	616,446	187,876	95	Current	Current	108,758	1,377,486	1,243,825	1,088,239	9.65%	100.00
<b>Region II - Cagayan Valley</b>											
CAGELCO I	481,359	178,949	98	Current	Current	109,486	1,283,370	1,143,113	1,034,462	11.22%	100.00
CAGELCO II	481,873	113,468	100	Current	Current	92,196	1,307,963	1,160,738	1,059,760	9.84%	96.58
ISELCO I	555,971	306,312	96	Current	Current	209,848	1,236,838	914,718	1,038,825	11.23%	100.00
<b>CAR - Cordillera Administrative Region</b>											
MOPRECO	61,050	17,624	100	Current	Current	6,062	463,597	440,266	434,776	8.94%	100.00
<b>Region III - Central Luzon</b>											
NEECO II - AREA 1	349,728	151,247	100	Current	Current	117,355	964,697	884,478	802,810	10.79%	100.00
PRESCO	104,887	44,431	97	Current	Current	38,054	260,666	224,923	200,551	10.18%	100.00
PELCO I	988,512	172,891	96	Current	Current	153,726	2,362,222	2,142,938	1,867,341	7.21%	100.00
ZAMECO I	375,346	77,460	95	Current	Current	45,824	733,899	640,875	565,963	8.84%	100.00
<b>Region IV-B - MIMAROPA</b>											
LUBELCO	5,037	4,062	100	Current	N/A	2,385	86,584	88,686	86,666	8.87%	100.00
TIELCO	43,458	29,597	100	Current	N/A	9,053	231,195	228,815	267,702	8.50%	100.00
ROMELCO	16,757	16,500	95	Current	N/A	9,605	403,336	395,932	373,438	10.72%	100.00
BISELCO	75,462	19,293	96	Current	N/A	6,616	360,686	324,491	319,451	10.67%	90.16
<b>Region V - Bicol Region</b>											
CASURECO I	69,283	62,304	99	Current	Current	5,453	932,641	936,379	920,142	9.25%	98.86
CASURECO II	547,285	214,128	98	Current	Current	62,087	635,200	684,357	859,526	7.34%	100.00
CASURECO IV	226,376	43,283	99	Current	Current	44,268	958,972	901,459	884,253	9.84%	100.00
FICELCO	63,089	42,609	100	Current	N/A	49,100	259,845	212,623	200,351	11.21%	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 (%)	
<b>Region VI - Western Visayas</b>												
CAPELCO	240,451	176,928	95	Current	Current	67,365	1,196,121	1,167,506	1,039,267	10.48%	100.00	
ILECO III	291,147	77,921	100	Current	Current	31,848	592,868	552,495	475,927	9.02%	92.07	
NONECO	173,149	164,839	97	Current	Current	63,715	903,293	947,298	886,095	11.38%	89.25	
NOCECO	588,929	181,955	98	Current	Current	1,715	1,554,361	1,551,278	1,455,318	11.86%	79.97	
<b>Region VII - Central Visayas</b>												
NORECO I	101,936	54,725	97	Current	Current	29,247	588,891	562,374	555,918	11.20%	73.37	
BANELCO	26,799	26,212	100	Current	N/A	6,085	438,502	428,852	386,699	8.82%	100.00	
CEBECO I	614,916	139,277	100	Current	Current	69,395	1,367,151	1,304,637	1,148,332	7.50%	100.00	
CEBECO II	759,672	189,227	98	Current	Current	190,801	1,916,118	1,736,571	1,545,627	6.40%	100.00	
CEBECO III	417,985	88,400	100	Current	Current	43,819	862,912	828,433	728,296	-1.66%	100.00	
PROSIELCO	46,898	20,266	100	Current	N/A	2,736	182,706	181,356	181,581	7.66%	100.00	
BOHECO I	510,325	125,304	98	Current	Current	58,883	1,396,061	1,325,387	1,195,278	6.29%	100.00	
BOHECO II	228,098	93,046	99	Current	Current	68,650	706,973	706,752	638,160	9.54%	100.00	
<b>Region VIII - Eastern Visayas</b>												
DORELCO	109,965	50,015	97	Current	Current	31,317	685,792	647,537	591,919	11.15%	92.58	
LEYECO II	318,435	150,530	97	Current	Current	80,161	858,541	779,649	578,257	6.62%	100.00	
LEYECO IV	235,127	48,624	96	Current	Current	41,185	652,409	591,743	548,196	10.50%	100.00	
NORSAMELCO	106,139	56,454	97	Current	Current	53,369	347,012	512,078	157,125	9.40%	86.61	
SAMELCO I	115,126	42,498	99	Current	Current	71,441	411,080	441,455	418,057	6.05%	100.00	
ESAMELCO	160,422	54,091	100	Current	Current	31,136	1,202,310	1,254,522	1,334,961	10.01%	97.38	

## 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 (%)	
<b>Region IX - Zamboanga Peninsula</b>												
ZAMSURECO I	286,806	159,855	98	Current	Current	57,964	1,734,977	1,684,299	1,569,603	11.79%	81.76	
<b>Region X - Northern Mindanao</b>												
MOELCI I	58,476	49,304	97	Current	Current	21,846	274,407	272,080	253,377	11.87%	100.00	
MORESCO I	319,263	223,565	95	Current	Current	116,620	1,656,983	1,562,843	1,448,874	1.08%	100.00	
BUSECO	139,541	130,942	98	Current	Current	83,888	1,235,828	1,110,371	941,298	8.53%	100.00	
<b>Region XIII - CARAGA Administrative Region</b>												
ANECO	278,517	224,799	95	Current	Current	52,109	1,127,425	1,185,090	1,116,892	10.77%	100.00	
ASELCO	255,175	174,151	95	Res.Current	Current	31,001	1,496,920	1,535,073	1,475,589	8.63%	100.00	
SURNECO	139,079	118,617	98	Current	Current	25,328	389,786	425,646	444,016	10.53%	100.00	
SIARELCO	117,212	25,412	100	Current	Current	23,028	350,643	326,252	284,084	6.89%	100.00	
DIELCO	82,492	11,915	100	Current	N/A	16,649	252,703	229,087	199,842	1.86%	100.00	
SURSECO I	70,008	43,119	98	Current	Current	20,060	596,478	590,333	517,712	10.06%	100.00	
SURSECO II	109,719	65,413	99	Current	Current	39,867	507,226	390,336	324,344	11.32%	100.00	

Note: \* - In Thousand Pesos

## Appendix A: Electric Cooperatives Performance Assessment Sheet

<b>Yellow-1 Electric Cooperatives Performance Assessment Sheet</b>												
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 (%)	
<b>Region I - Ilocos Region</b>												
INEC	205,234	192,900	100	Current	Current	(7,841)	753,168	1,176,665	1,162,707	9.62%	100.00	
LUELCO	283,616	143,370	94	Current	Current	67,222	1,142,245	1,127,561	1,025,616	9.86%	100.00	
PANELCO I	160,947	83,628	100	Current	Current	19,597	802,509	787,288	990,856	14.06%	100.00	
CENPELCO	190,053	313,822	90	Current	Current	194,005	1,874,082	1,742,770	1,155,959	9.64%	100.00	
PANELCO III	577,235	237,691	93	Current	Current	175,566	2,040,055	1,895,181	1,729,794	8.91%	100.00	
<b>Region II - Cagayan Valley</b>												
BATANELCO	6,278	7,269	95	Arrears	N/A	4,241	369,446	352,381	337,764	4.24%	100.00	
ISELCO II	159,259	193,293	dns	Current	Current	119,464	1,322,041	1,129,218	1,142,674	13.26%	90.74	
NUVELCO	128,466	116,672	84	Current	Current	75,544	1,412,992	1,303,456	1,236,540	8.42%	97.99	
QUIRELCO	152,932	31,582	97	Current	Current	46,816	515,171	480,112	443,502	12.95%	100.00	
<b>CAR - Cordillera Administrative Region</b>												
BENECO	503,426	201,061	94	Current	Current	28,297	2,256,716	2,214,907	2,194,025	6.87%	95.46	
KAELCO	105,592	32,262	75	Current	Current	39,567	686,727	633,394	646,042	17.34%	89.53	
<b>Region III - Central Luzon</b>												
AURELCO	89,406	45,162	90	Current	Current	51,690	574,331	512,852	467,275	9.57%	100.00	
TARELCO I	995,885	199,983	93	Current	Current	244,440	1,818,376	1,562,727	1,438,382	9.76%	100.00	
TARELCO II	475,801	200,395	94	Current	Current	151,901	1,698,795	1,564,512	1,463,570	8.35%	100.00	
NEECO I	477,382	121,697	94	Current	Current	159,636	1,142,425	1,033,892	1,053,916	7.71%	100.00	
NEECO II - AREA 2	599,552	165,927	93	Current	Current	228,524	1,321,216	1,159,509	1,002,016	8.30%	98.07	
SAJELCO	212,366	62,165	94	Current	Current	38,101	523,505	508,476	437,962	9.20%	100.00	
PELCO II	253,312	296,272	95	Current	Current	239,526	(380,481)	(619,847)	(377,425)	10.90%	100.00	
PELCO III	192,662	149,214	84	Arrears	Current	72,863	(333,910)	(64,214)	(440,972)	10.29%	100.00	
PENELCO	512,728	321,014	91	Current	Current	205,410	2,641,547	2,381,669	2,036,021	6.32%	100.00	
ZAMECO II	173,519	117,626	92	Current	Current	51,628	857,422	809,634	763,882	9.42%	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 (%)
<b>Region IV-A - CALABARZON</b>											
FLECO	94,139	69,668	91	Current	Current	51,572	584,316	624,539	504,085	10.10%	100.00
BATELEC I	559,722	252,441	93	Current	Current	68,746	1,377,827	1,608,475	1,503,927	9.37%	100.00
BATELEC II	1,067,580	479,507	94	Res.Current	Current	446,753	4,386,878	4,033,661	3,836,282	11.24%	100.00
QUEZELCO I	162,380	123,395	93	Current	Current	26,946	1,333,846	1,286,809	1,062,457	16.88%	87.82
QUEZELCO II	97,178	31,676	94	Current	Current	28,625	468,734	451,463	425,561	8.50%	86.02
<b>Region IV-B - MIMAROPA</b>											
OMECO	139,065	72,307	96	Current	N/A	78,590	579,722	544,358	516,518	12.40%	84.68
ORMECO	163,551	193,217	92	Current	N/A	74,069	1,886,933	1,838,032	1,660,603	10.87%	100.00
MARELCO	8,674	35,721	100	Current	N/A	(1,072)	360,004	361,168	476,495	10.33%	100.00
PALECO	499,551	195,281	90	Res.Current	N/A	82,833	1,085,300	1,055,427	986,441	10.96%	83.29
<b>Region V - Bicol Region</b>											
CANORECO	312,914	115,734	93	Current	Current	105,879	824,993	731,372	671,282	10.88%	100.00
CASURECO III	115,062	89,964	92	Current	Current	61,389	(189,504)	(265,459)	(351,643)	13.13%	98.51
SORECO I	77,563	42,966	91	Current	Current	24,943	388,397	341,085	327,094	12.33%	100.00
SORECO II	184,206	78,435	89	Arrears	Current	60,469	823,221	765,898	724,414	12.99%	100.00
TISELCO	11,231	6,911	72	Current	N/A	6,889	145,448	dns	130,211	10.85%	86.85
<b>Region VI - Western Visayas</b>											
AKELCO	212,831	194,912	87	Current	Current	12,723	1,214,922	1,328,288	1,336,176	9.30%	100.00
ANTECO	173,184	82,449	92	Current	Current	74,032	1,588,780	1,597,847	1,463,562	0.25%	100.00
ILECO I	995,725	213,780	92	Current	Current	169,672	1,885,647	1,737,795	1,638,135	5.67%	100.00
ILECO II	472,487	128,461	92	Current	Current	79,348	1,351,153	1,291,781	1,260,625	9.93%	89.03
GUIMELCO	56,421	30,313	94	Current	Current	59,351	488,996	459,634	411,016	9.62%	96.15
CENECO	705,544	575,556	89	Current	Current	64,749	3,140,786	3,101,602	2,911,354	12.24%	99.91
<b>Region VII - Central Visayas</b>											
NORECO II	547,765	213,802	94	Current	Current	22,513	1,603,086	1,593,000	1,495,936	13.14%	100.00
CELCO	12,535	12,573	100	Current	N/A	3,499	176,616	172,937	143,320	7.34%	100.00

## Appendix A: Electric Cooperatives Performance Assessment Sheet

<b>Yellow-1 Electric Cooperatives Performance Assessment Sheet</b>											
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 (%)
<b>Region VIII - Eastern Visayas</b>											
LEYECO III	48,056	37,186	95	Current	Current	19,430	420,609	417,183	397,459	12.64%	100.00
LEYECO V	365,545	90,724	91	Current	Current	130,895	1,714,141	1,570,462	1,438,115	7.88%	95.01
SOLECO	415,089	72,485	98	Current	Current	71,383	1,414,020	1,339,572	1,176,593	12.11%	100.00
BILECO	119,858	24,921	94	Current	Current	17,655	380,979	367,704	320,739	13.15%	100.00
SAMELCO II	158,225	48,910	99	Current	Current	33,147	929,781	869,871	857,726	12.39%	97.05
<b>Region IX - Zamboanga Peninsula</b>											
ZANECO	111,866	159,855	96	Current	Current	36,453	1,040,156	957,620	867,283	10.24%	76.02
<b>Region X - Northern Mindanao</b>											
MOELCI II	97,153	112,218	94	Current	Current	30,498	362,210	332,973	427,495	9.79%	100.00
MORESCO II	186,868	103,959	96	Arrears	Arrears	53,616	498,201	606,542	706,848	12.19%	92.60
CAMELCO	38,071	20,323	97	Arrears	Current	22,345	366,884	349,450	327,689	15.45%	100.00
LANECO	54,624	79,337	95	Current	Current	17,616	455,641	431,718	422,446	12.68%	85.45
<b>Region XI - Davao Region</b>											
DORECO	50,075	86,123	92	Current	Current	29,886	563,341	540,848	594,418	12.49%	90.58
DANECO	512,848	353,913	55	Res.Arrears	Arrears	91,858	2,018,237	2,103,842	1,584,408	13.85%	72.33
DASURECO	302,124	254,075	94	Current	Current	94,280	2,343,398	2,007,942	2,001,459	8.90%	85.32
<b>Region XII - SOCCSKSARGEN</b>											
COTELCO	247,862	147,917	93	Current	Current	14,232	1,672,215	1,638,506	1,579,262	10.20%	91.98
COTELCO-PPALMA	29,630	70,211	92	Current	Current	45,917	473,282	603,650	593,185	11.39%	61.58
SOCOTECO I	556,252	187,310	99	Current	Current	52,302	1,461,187	1,412,988	1,276,270	13.25%	80.45
SOCOTECO II	677,194	585,634	90	Current	Current	130,774	1,888,985	1,774,039	1,555,600	8.77%	83.38
SUKELCO	177,074	138,026	90	Current	Current	11,796	1,425,456	1,425,909	1,428,529	12.01%	90.69
<b>ARMM - Autonomous Region in Muslim Mindanao</b>											
MAGELCO	93,910	93,747	17	Arrears	Arrears	167,484	1,255,874	(373,183)	dns	dns	34.25

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 (%)
<b>CAR - Cordillera Administrative Region</b>											
IFELCO	11,871	18,132	90	Arrears	Current	18,532	557,043	551,573	588,332	14.75%	100.00
<b>Region IX - Zamboanga Peninsula</b>											
ZAMSURECO II	45,512	113,038	82	Arrears	Current	(102,324)	38,934	309,173	439,435	24.67%	69.00
ZAMCELCO	1,295,371	423,260	92	Arrears	Current	(276,663)	1,757,011	2,020,998	(207,423)	24.55%	78.68
<b>Region X - Northern Mindanao</b>											
FIBECO	98,692	171,162	93	Arrears	Current	(21,030)	466,554	802,031	829,764	10.41%	93.04
<b>ARMM - Autonomous Region in Muslim Mindanao</b>											
SIASELCO	dns	dns	dns	Current	N/A	dns	dns	100,739	INC	10.74%	24.81
CASELCO	dns	dns	dns	Arrears	N/A	dns	dns	dns	dns	dns	67.42

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 (%)	
<b>CAR - Cordillera Administrative Region</b>												
ABRECO	16,581	39,457	88	Res.Arrears	Current	15,642	21,092	(44,578)	dns	15.72%	100.00	
<b>Region V - Bicol Region</b>												
ALECO	392,884	295,001	74	Res.Arrears	Arrears	(68,098)	(1,086,899)	(1,004,703)	(694,559)	22.17%	97.30	
MASELCO	51,973	62,509	94	Arrears	N/A	42,609	341,764	322,010	238,990	14.76%	55.81	
<b>ARMM - Autonomous Region in Muslim Mindanao</b>												
TAWELCO	16,902	20,013	27	Arrears	N/A	(75,451)	(1,207,427)	dns	dns	25.36%	21.82	
SULECO	124,599	24,999	36	Arrears	N/A	6,254	(793,525)	(849,903)	(934,868)	24.17%	25.00	
BASELCO	56,105	29,092	58	Arrears	N/A	(47,616)	(1,807,191)	(1,444,361)	(1,361,872)	27.97%	52.03	
LASURECO	9,014	57,918	35	Arrears	Arrears	(523,605)	(1,175,704)	dns	dns	59.43%	34.47	

Note: \* - In Thousand Pesos

**Appendix B: System Reliability Indices**

<b>Electric Cooperatives</b>	<b>SAIFI</b>	<b>STATUS</b>	<b>SAIDI</b>	<b>STATUS</b>
<b>Region I</b>				
INEC	9.91	C	439.24	C
ISECO	3.51	C	203.63	C
LUELCO	1.95	C	257.78	C
PANELCO I	5.45	C	430.04	C
CENPELCO	10.58	C	511.06	C
PANELCO III	0.66	C	0.14	C
<b>Region II</b>				
BATANELCO	dns	NC	dns	NC
CAGELCO I	0	C	0	C
CAGELCO II	0.13	C	0.06	C
ISELCO I	2.69	C	0	C
ISELCO II	15.19	C	467.54	C
NUVELCO	dns	NC	dns	NC
QUIRELCO	1.28	C	365.75	C
<b>CAR</b>				
ABRECO	dns	NC	dns	NC
BENECO	6.42	C	745.7	C
IFELCO	12.51	C	708.57	C
KAELCO	dns	NC	dns	NC
MOPRECO	dns	NC	dns	NC
<b>Region III</b>				
AURELCO	5.37	C	418.09	C
TARELCO I	10.46	C	367.87	C
TARELCO II	6.43	C	292.15	C
NEECO I	5.57	C	186	C
NEECO II – AREA 1	8.72	C	1163.03	C
NEECO II – AREA 2	7.25	C	1629.39	C
SAJELCO	dns	NC	dns	NC
PRESCO	3.6	C	268.69	C
PELCO I	4.99	C	231.56	C
PELCO II	11.65	C	1.03	C
PELCO III	7.3	C	714.1	C
PENELCO	1.69	C	198.28	C
ZAMECO I	7.05	C	364.19	C
ZAMECO II	1.6	C	32.2	C

*Note: C – Compliant, NC – Non-Compliant*

**Appendix B: System Reliability Indices**

<b>Electric Cooperatives</b>	<b>SAIFI</b>	<b>STATUS</b>	<b>SAIDI</b>	<b>STATUS</b>
<b>Region IV-A</b>				
FLECO	4.72	C	612.2	C
BATELEC I	0	C	409.03	C
BATELEC II	2.91	C	131.32	C
QUEZELCO I	5.88	C	1511.76	C
QUEZELCO II	2.92	C	199.97	C
<b>Region IV-B</b>				
LUBELCO	dns	NC	dns	NC
OMEKO	dns	NC	dns	NC
ORMECO	15.13	C	770.42	C
MARELCO	17.79	C	1432.62	C
TIELCO	7.21	C	542.16	C
ROMELCO	4.25	C	77.74	C
BISELCO	19.42	C	488.49	C
PALECO	22.08	C	1527.46	C
<b>Region V</b>				
CANORECO	dns	NC	dns	NC
CASURECO I	7.53	C	363.34	C
CASURECO II	16.3	C	8.41	C
CASURECO III	2.55	C	92.27	C
CASURECO IV	6.38	C	250.7	C
ALECO	dns	NC	dns	NC
SORECO I	9.52	C	507.74	C
SORECO II	9.85	C	4052.67	NC
FICELCO	7.85	C	513.86	C
MASELCO	6.37	C	967.04	C
TISELCO	16.7	C	133.63	C
<b>Region VI</b>				
AKELCO	7.31	C	0.91	C
ANTECO	dns	NC	dns	NC
CAPELCO	7.64	C	390.08	C
ILECO I	dns	NC	dns	NC
ILECO II	8.88	C	98.67	C
ILECO III	8.63	C	233.4	C
GUIMELCO	3.67	C	198.28	C
NONECO	dns	NC	dns	NC
CENECO	8.57	C	164.29	C
NOCECO	6.24	C	174.92	C

*Note: C – Compliant, NC – Non-Compliant*

**Appendix B: System Reliability Indices**

<b>Electric Cooperatives</b>	<b>SAIFI</b>	<b>STATUS</b>	<b>SAIDI</b>	<b>STATUS</b>
<b>Region VII</b>				
NORECO I	15.81	C	1231.56	C
NORECO II	7.92	C	332.54	C
BANELCO	0	C	251.46	C
CEBECO I	7.23	C	397.87	C
CEBECO II	1.38	C	83.72	C
CEBECO III	6.9	C	419.4	C
PROSIELCO	17.56	C	1286.97	C
CELCO	26.99	NC	650.99	C
BOHECO I	4.43	C	517.04	C
BOHECO II	7.02	C	545.42	C
<b>Region VIII</b>				
DORELCO	8.34	C	182.29	C
LEYECO II	dns	NC	dns	NC
LEYECO III	8.93	C	49.86	C
LEYECO IV	dns	NC	dns	NC
LEYECO V	dns	NC	dns	NC
SOLECO	dns	NC	dns	NC
BILECO	8.45	C	242.15	C
NORSAMELCO	dns	NC	dns	NC
SAMELCO I	dns	NC	dns	NC
SAMELCO II	dns	NC	dns	NC
ESAMELCO	0.98	C	48.79	C
<b>Region IX</b>				
ZANECO	dns	NC	dns	NC
ZAMSURECO I	7.88	C	550.78	C
ZAMSURECO II	dns	NC	dns	NC
ZAMCELCO	50.95	NC	1708.17	C
<b>Region X</b>				
MOELCI I	9.16	C	1215.56	C
MOELCI II	dns	NC	dns	NC
MORESCO I	2.36	C	199.8	C
MORESCO II	15.52	C	1375.02	C
FIBECO	dns	NC	dns	NC
BUSECO	dns	NC	dns	NC
CAMELCO	21.72	NC	788.22	C
LANECO	0	C	0	C

*Note: C – Compliant, NC – Non-Compliant*

**Appendix B: System Reliability Indices**

<b>Electric Cooperatives</b>	<b>SAIFI</b>	<b>STATUS</b>	<b>SAIDI</b>	<b>STATUS</b>
<b>Region XI</b>				
DORECO	4.04	C	150.74	C
DANECO	10.03	C	9.36	C
DASURECO	8.13	C	9.07	C
<b>Region XII</b>				
COTELCO	9.07	C	152.34	C
COTELCO-PPALMA	0.12	C	3.02	C
SOCOTECO I	8.3	C	502.45	C
SOCOTECO II	5.25	C	125.26	C
SUKELCO	3.53	C	123.36	C
<b>ARMM</b>				
TAWELCO	dns	NC	dns	NC
SIASELCO	dns	NC	dns	NC
SULECO	dns	NC	dns	NC
BASELCO	dns	NC	dns	NC
CASELCO	dns	NC	dns	NC
LASURECO	dns	NC	dns	NC
MAGELCO	15.99	C	1500.92	C
<b>CARAGA</b>				
ANECO	4.44	C	473.22	C
ASELCO	6.1	C	283.26	C
SURNECO	7.1	C	689.69	C
SIARELCO	2.27	C	308.78	C
DIELCO	8.54	C	1.99	C
SURSECO I	7.25	C	688.1	C
SURSECO II	dns	NC	dns	NC
ANECO	4.44	C	473.22	C
ASELCO	6.1	C	283.26	C
SURNECO	7.1	C	689.69	C
SIARELCO	2.27	C	308.78	C

*Note: C – Compliant, NC – Non-Compliant*



**Appendix C: Institutional Rating Compliance Table**

<b>Electric Cooperatives</b>	<b>Institutional Rating</b>	<b>Color Classification</b>
<b>Region I</b>		
INEC	100	Yellow-1
ISECO	90	Green
LUELCO	62	Yellow-1
PANELCO I	86	Yellow-1
CENPELCO	77	Yellow-1
PANELCO III	97	Yellow-1
<b>Region II</b>		
BATANELCO	100	Yellow-1
CAGELCO I	100	Green
CAGELCO II	89	Green
ISELCO I	90	Green
ISELCO II	32	Yellow-1
NUVELCO	66	Yellow-1
QUIRELCO	80	Yellow-1
<b>CAR</b>		
ABRECO	57	Red
BENECO	88	Yellow-1
IFELCO	97	Yellow-2
KAELCO	84	Yellow-1
MOPRECO	90	Green
<b>Region III</b>		
AURELCO	100	Yellow-1
TARELCO I	97	Yellow-1
TARELCO II	100	Yellow-1
NEECO I	100	Yellow-1
NEECO II – AREA 1	99	Green
NEECO II – AREA 2	100	Yellow-1
SAJELCO	79	Yellow-1
PRESCO	98	Green
PELCO I	94	Green
PELCO II	89	Yellow-1
PELCO III	100	Yellow-1
PENELCO	80	Yellow-1
ZAMECO I	100	Green
ZAMECO II	99	Yellow-1

**Appendix C: Institutional Rating Compliance Table**

<b>Electric Cooperatives</b>	<b>Institutional Rating</b>	<b>Color Classification</b>
<b>Region IV-A</b>		
FLECO	100	Yellow-1
BATELEC I	100	Yellow-1
BATELEC II	100	Yellow-1
QUEZELCO I	92	Yellow-1
QUEZELCO II	100	Yellow-1
<b>Region IV-B</b>		
LUBELCO	85	Green
OMECO	90	Yellow-1
ORMECO	97	Yellow-1
MARELCO	99	Yellow-1
TIELCO	100	Green
ROMELCO	97	Green
BISELCO	93	Green
PALECO	73	Yellow-1
<b>Region V</b>		
CANORECO	87	Yellow-1
CASURECO I	100	Green
CASURECO II	97	Green
CASURECO III	99	Yellow-1
CASURECO IV	100	Green
ALECO	43	Red
SORECO I	87	Yellow-1
SORECO II	90	Yellow-1
FICELCO	92	Green
MASELCO	95	Red
TISELCO	59	Yellow-1
<b>Region VI</b>		
AKELCO	90	Yellow-1
ANTECO	96	Yellow-1
CAPELCO	95	Green
ILECO I	95	Yellow-1
ILECO II	100	Yellow-1
ILECO III	100	Green
GUIMELCO	100	Yellow-1
NONECO	85	Green
CENECO	100	Yellow-1
NOCECO	86	Green

**Appendix C: Institutional Rating Compliance Table**

<b>Electric Cooperatives</b>	<b>Institutional Rating</b>	<b>Color Classification</b>
<b>Region VII</b>		
NORECO I	82	Green
NORECO II	90	Yellow-1
BANELCO	94	Green
CEBECO I	100	Green
CEBECO II	100	Green
CEBECO III	90	Green
PROSIELCO	98	Green
CELCO	89	Yellow-1
BOHECO I	99	Green
BOHECO II	100	Green
<b>Region VIII</b>		
DORELCO	70	Green
LEYECO II	82	Green
LEYECO III	87	Yellow-1
LEYECO IV	90	Green
LEYECO V	82	Yellow-1
SOLECO	90	Yellow-1
BILECO	96	Yellow-1
NORSAMELCO	95	Green
SAMELCO I	77	Green
SAMELCO II	100	Yellow-1
ESAMELCO	95	Green
<b>Region IX</b>		
ZANECO	80	Yellow-1
ZAMSURECO I	100	Green
ZAMSURECO II	94	Yellow-2
ZAMCELCO	87	Yellow-2
<b>Region X</b>		
MOELCI I	82	Green
MOELCI II	88	Yellow-1
MORESCO I	95	Green
MORESCO II	100	Yellow-1
FIBECO	87	Yellow-2
BUSECO	97	Green
CAMELCO	97	Yellow-1
LANECO	90	Yellow-1

**Appendix C: Institutional Rating Compliance Table**

<b>Electric Cooperatives</b>	<b>Institutional Rating</b>	<b>Color Classification</b>
<b>Region XI</b>		
DORECO	81	Yellow-1
DANECO	87	Yellow-1
DASURECO	100	Yellow-1
<b>Region XII</b>		
COTELCO	100	Yellow-1
COTELCO-PPALMA	77	Yellow-1
SOCOTECO I	94	Yellow-1
SOCOTECO II	100	Yellow-1
SUKELCO	87	Yellow-1
<b>ARMM</b>		
TAWELCO	37	Red
SIASELCO	42	Yellow-2
SULECO	61	Red
BASELCO	35	Red
CASELCO	37	Yellow-2
LASURECO	71	Red
MAGELCO	32	Yellow-1
<b>Region XIII</b>		
ANECO	100	Green
ASELCO	100	Green
SURNECO	100	Green
SIARELCO	100	Green
DIELCO	97	Green
SURSECO I	100	Green
SURSECO II	98	Green

**Appendix D: Energization Level Table**

<b>Electric Cooperatives</b>	<b>Energization Level</b>	<b>Color Classification</b>
<b>Region I</b>		
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
<b>Region II</b>		
BATANELCO	100.00	Yellow-1
CAGELCO I	100.00	Green
CAGELCO II	96.58	Green
ISELCO I	100.00	Green
ISELCO II	90.74	Yellow-1
NUVELCO	97.99	Yellow-1
QUIRELCO	100.00	Yellow-1
<b>CAR</b>		
ABRECO	100.00	Red
BENECO	95.46	Yellow-1
IFELCO	100.00	Yellow-2
KAELCO	89.53	Yellow-1
MOPRECO	100.00	Green
<b>Region III</b>		
AURELCO	100.00	Yellow-1
TARELCO I	100.00	Yellow-1
TARELCO II	100.00	Yellow-1
NEECO I	100.00	Yellow-1
NEECO II – AREA 1	100.00	Green
NEECO II – AREA 2	98.07	Yellow-1
SAJELCO	100.00	Yellow-1
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**

<b>Electric Cooperatives</b>	<b>Energization Level</b>	<b>Color Classification</b>
<b>Region IV-A</b>		
FLECO	100.00	Yellow-1
BATELEC I	100.00	Yellow-1
BATELEC II	100.00	Yellow-1
QUEZELCO I	87.82	Yellow-1
QUEZELCO II	86.02	Yellow-1
<b>Region IV-B</b>		
LUBELCO	100.00	Green
OMECO	84.68	Yellow-1
ORMECO	100.00	Yellow-1
MARELCO	100.00	Yellow-1
TIELCO	100.00	Green
ROMELCO	100.00	Green
BISELCO	90.16	Green
PALECO	83.29	Yellow-1
<b>Region V</b>		
CANORECO	100.00	Yellow-1
CASURECO I	98.86	Green
CASURECO II	100.00	Green
CASURECO III	98.51	Yellow-1
CASURECO IV	100.00	Green
ALECO	97.30	Red
SORECO I	100.00	Yellow-1
SORECO II	100.00	Yellow-1
FICELCO	100.00	Green
MASELCO	55.81	Red
TISELCO	86.85	Yellow-1
<b>Region VI</b>		
AKELCO	100.00	Yellow-1
ANTECO	100.00	Yellow-1
CAPELCO	100.00	Green
ILECO I	100.00	Yellow-1
ILECO II	89.03	Yellow-1
ILECO III	92.07	Green
GUIMELCO	96.15	Yellow-1
NONECO	89.25	Green
CENECO	99.91	Yellow-1
NOCECO	79.97	Green

**Appendix D: Energization Level Table**

<b>Electric Cooperatives</b>	<b>Energization Level</b>	<b>Color Classification</b>
<b>Region VII</b>		
NORECO I	73.37	Green
NORECO II	100.00	Yellow-1
BANELCO	100.00	Green
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
<b>Region VIII</b>		
DORELCO	92.58	Green
LEYECO II	100.00	Green
LEYECO III	100.00	Yellow-1
LEYECO IV	100.00	Green
LEYECO V	95.01	Yellow-1
SOLECO	100.00	Yellow-1
BILECO	100.00	Yellow-1
NORSAMELCO	86.61	Green
SAMELCO I	100.00	Green
SAMELCO II	97.05	Yellow-1
ESAMELCO	97.38	Green
<b>Region IX</b>		
ZANECO	76.02	Yellow-1
ZAMSURECO I	81.76	Green
ZAMSURECO II	69.00	Yellow-2
ZAMCELCO	78.68	Yellow-2
<b>Region X</b>		
MOELCI I	100.00	Green
MOELCI II	100.00	Yellow-1
MORESCO I	100.00	Green
MORESCO II	92.60	Yellow-1
FIBECO	93.04	Yellow-2
BUSECO	100.00	Green
CAMELCO	100.00	Yellow-1
LANECO	85.45	Yellow-1

**Appendix D: Energization Level Table**

<b>Electric Cooperatives</b>	<b>Energization Level</b>	<b>Color Classification</b>
<b>Region XI</b>		
DORECO	90.58	Yellow-1
DANECO	72.33	Yellow-1
DASURECO	85.32	Yellow-1
<b>Region XII</b>		
COTELCO	91.98	Yellow-1
COTELCO-PPALMA	61.58	Yellow-1
SOCOTECO I	80.45	Yellow-1
SOCOTECO II	83.38	Yellow-1
SUKELCO	90.69	Yellow-1
<b>ARMM</b>		
TAWELCO	21.82	Red
SIASELCO	24.81	Yellow-2
SULECO	25.00	Red
BASELCO	52.03	Red
CASELCO	67.42	Yellow-2
LASURECO	34.47	Red
MAGELCO	34.25	Yellow-1
<b>Region XIII</b>		
ANECO	100.00	Green
ASELCO	100.00	Green
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.
OMEKO	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**

### **SOCCKSARGEN**

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**

ANEKO  
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.