

The background of the entire page is a photograph showing the silhouette of a utility worker on a power pole. The worker is positioned on the left side of the pole, facing right. The sky is a gradient of blue at the top to orange at the bottom, suggesting a sunset or sunrise. Several power lines crisscross the sky from the top right towards the bottom left. The title text is overlaid on the upper portion of the image.

Compliance Report on the Performance of Electric Cooperatives

**2nd
quarter
2021**

Office for Performance Assessment and Special Studies

Table of Contents

I.	Executive Summary	3
II.	Introduction	4
	A. Overview	4
	B. NEA Policy and Guidelines	4
	C. Key Performance Standards and Parameters	5
	D. Classification of Electric Cooperatives	6
III.	Compliance to Key Performance Standards and Parameters.	12
	A. Financial and Operational Standards and Parameters	12
	1. Cash General Fund	12
	2. Collection Efficiency	13
	3. Payment to Generating Companies, NGCP and other Financing Institutions	14
	4. Result of Financial Operation (Before RFSC)	17
	5. Net Worth	20
	B. Technical Standards and Parameters	21
	1. System Loss	21
	2. Power Reliability	24
	C. Institutional Standards and Parameters	26
IV.	Status of Rural Electrification Program	28
V.	Appendices	29
	A. Appendix A: Electric Cooperatives Performance Assessment Sheet.....	29
	B. Appendix B: System Reliability Indices	36
	C. Appendix C: Institutional Rating Compliance Table.....	40
	D. Appendix D: Energization Level Table	43
	E. Appendix E: Electric Cooperatives List	48

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.

Assessment results for the second quarter of 2021 showed that 36 ECs were labeled as Green, 69 as Yellow-1, 9 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, 94 ECs were able to have at least one-month working capital. Additionally, 79 ECs met the 95% threshold in terms of collection efficiency with 22 ECs being 100% efficient. On their payment status to the generating companies, there were 104 ECs tagged as current and restructured-current, 100 are current on their payment of loans to NEA while 97 ECs were marked as current and restructured-current on their payment status to the National Grid Corporation of the Philippines. The last parameter for the financial and operational conditions showed that there were 95 ECs with a positive income and 109 ECs with positive net worth.

On the technical criteria, 90 ECs registered system loss level within the standard of 12% or below. Out of the 90 ECs, 54 were with single-digit system loss. Aside from system loss, power reliability was also measured. Eighty-three (83) ECs were compliant to the System Average Interruption Frequency Index (SAIFI) standard while 81 ECs were within the System Average Interruption Duration Index (SAIDI) standard.

On the status of energization, 96 ECs recorded 91% and above level of electrification, of which, 77 ECs achieved 100% energization level.

Concerning the ECs' compliance on the institutional norms, 115 ECs were categorized as compliant that include 33 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, financial, operational, technical, and institutional components. The objectives of this report are 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. Likewise Section 19 of the Implementing Rules and Regulations (IRR) of RA 10531 mandates NEA to submit quarterly compliance report to the Joint Congressional Energy Commission (JCEC) and to the Department of Energy (DOE).

This report was prepared to assess the ECs' performance during the **second quarter of 2021**. The cut-off date on the data contained in this report was October 31, 2021 which was approved by the NEA Board of Administrators on November 29, 2021 under Resolution No. 138 s-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.

After review of its adoption and implementation, the approved Guidelines for the Classification of ECs was enhanced in October 2020 to give provision for the assessment of performance parameter on System Reliability as well as their amortization payments to NEA and other financing Institutions. The Guidelines for the Declaration and Graduation of Ailing ECs were likewise adopted for scenarios where ECs were able to improve their performance and comply with the standards set forth by NEA.

The 2020 guidelines classified the ECs into the following:

- a. Green – ECs which are able to meet all the seven (7) performance standards and parameters;
- b. Yellow-1 – ECs which fail to comply with not more than three (3) key performance standards and parameters;
- c. Yellow-2 – ECs which fail to 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 seven 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

Parameter		Standard
Cash General Fund		At least one month working capital
Collection Efficiency		95% and above
Payment to GENCO; NGCP; NEA and other Financial Institutions		Current/Restructured Current
Result of Financial Operation (Before RFSC)		Positive
Net Worth		Positive
System Loss		Within the Cap
System Reliability	System Average Interruption Frequency Index (SAIFI)	Within the standard set by Philippine Distribution Code: On-Grid – 25 interruptions per consumer per year Off-Grid – 30 interruptions per consumer per year
	System Average Interruption Duration Index (SAIDI)	On-Grid - 2,700 minutes Off-Grid - 3,375 minutes

Classification of Electric Cooperatives

For the second quarter of 2021, there were 36 ECs classified as Green, 69 ECs as Yellow-1, 9 ECs as Yellow-2, and 7 ECs tagged as Red (Tables 2-5).

Table 2. 2021 Q2 Green Electric Cooperatives

36 GREEN ELECTRIC COOPERATIVES			
LUELCO	PELCO I	ILECO III	DORELCO
PANELCO III	ZAMECO I	GUIMELCO	LEYECO II
ISELCO I	FLECO	BANELCO	LEYECO III
MOPRECO	BATELEC II	CEBECO I	LEYECO IV
TARELCO II	QUEZELCO II	CEBECO II	ANECO
NEECO I	TIELCO	CEBECO III	ASELCO
NEECO II - AREA 1	CASURECO IV	PROSIELCO	SURNECO
NEECO II - AREA 2	ILECO I	BOHECO I	DIELCO
PRESCO	ILECO II	BOHECO II	SURSECO I

Table 3. 2021 Q2 Yellow-1n Electric Cooperatives

69 YELLOW-1 ELECTRIC COOPERATIVES				
INEC	PELCO III	CASURECO II	CELCO	BUSECO
ISECO	PENELCO	CASURECO III	LEYECO V	CAMELCO
PANELCO I	ZAMECO II	SORECO I	SOLECO	LANECO
CENPELCO	BATELEC I	SORECO II	BILECO	DORECO
CAGELCO I	QUEZELCO I	FICELCO	NORSAMELCO	DASURECO
CAGELCO II	LUBELCO	TISELCO	SAMELCO I	COTELCO
ISELCO II	OMECO	AKELCO	SAMELCO II	COTELCO-PPALMA
NUVELCO	ORMECO	ANTECO	ESAMELCO	SOCOTECO I
QUIRELCO	MARELCO	CAPELCO	ZANECO	SOCOTECO II
BENECO	ROMELCO	NONECO	ZAMSURECO I	SUKELCO
AURELCO	BISELCO	CENECO	MOELCI I	SIASELCO
TARELCO I	PALECO	NOCECO	MOELCI II	SIARELCO
SAJELCO	CANORECO	NORECO I	MORESCO I	SURSECO II
PELCO II	CASURECO I	NORECO II	MORESCO II	

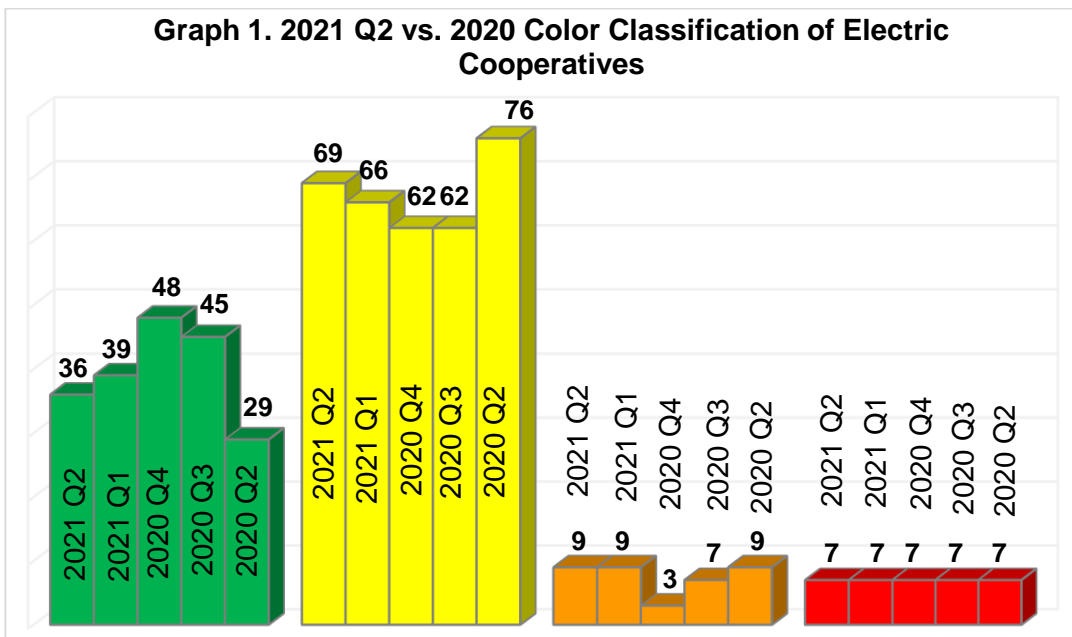
Table 4. 2021 Q2 Yellow-2 Electric Cooperatives

9 YELLOW - 2 ELECTRIC COOPERATIVES			
BATANELCO	ZAMSURECO II	FIBECO	MAGELCO
IFELCO	ZAMCELCO	DANECO	CASELCO
KAELCO			

Table 5. 2021 Q1 Red Electric Cooperatives

7 RED ELECTRIC COOPERATIVES			
ABRECO	BASELCO	SULECO	LASURECO
ALECO	MASELCO	TAWELCO	

The number of Green ECs continues to vary for the last few quarters while Red ECs remained the same (Graph 1).



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 (Graph 2).

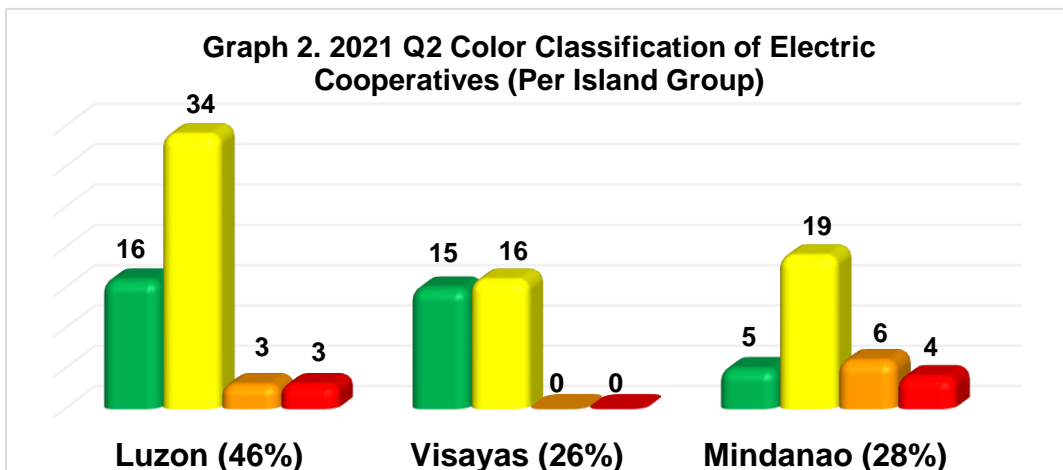


Table 6. 2021 Q2 vs. 2020 Color Classification of Electric Cooperatives (Per Region)

Electric Cooperatives	2021 Q2	2021 Q1	2020 Q4	2020 Q3	2020 Q2
Region I					
INEC	Yellow-1	Green	Yellow-1	Yellow-1	Yellow-1
ISECO	Yellow-1	Yellow-1	Green	Green	Green
LUELCO	Green	Green	Yellow-1	Yellow-1	Yellow-1
PANELCO I	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
CENPELCO	Yellow-1	Yellow-2	Yellow-1	Yellow-1	Yellow-1
PANELCO III	Green	Green	Yellow-1	Yellow-1	Yellow-1
Region II					
BATANELCO	Yellow-2	Yellow-2	Green	Yellow-1	Yellow-1
CAGELCO I	Yellow-1	Yellow-1	Green	Green	Green
CAGELCO II	Yellow-1	Yellow-1	Green	Green	Green
ISELCO I	Green	Yellow-1	Yellow-1	Green	Yellow-1
ISELCO II	Yellow-1	Yellow-1	Yellow-1	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
CAR					
ABRECO	Red	Red	Red	Red	Red
BENECO	Yellow-1	Green	Yellow-1	Yellow-1	Yellow-1
IFELCO	Yellow-2	Yellow-1	Yellow-2	Yellow-2	Yellow-2
KAELCO	Yellow-2	Yellow-1	Yellow-1	Yellow-1	Yellow-1
MOPRECO	Green	Yellow-1	Green	Green	Yellow-1
Region III					
AURELCO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
TARELCO I	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Green
TARELCO II	Green	Green	Yellow-1	Yellow-1	Yellow-1
NEECO I	Green	Green	Yellow-1	Yellow-1	Yellow-1
NEECO II – AREA 1	Green	Green	Green	Green	Green
NEECO II – AREA 2	Green	Yellow-1	Yellow-1	Yellow-1	Yellow-1
SAJELCO	Yellow-1	Yellow-1	Green	Yellow-1	Yellow-1
PRESCO	Green	Green	Green	Green	Yellow-1
PELCO I	Green	Green	Green	Green	Yellow-1
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	Yellow-1	Yellow-1
ZAMECO I	Green	Green	Green	Green	Yellow-1
ZAMECO II	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1

Table 6. (Continued)

Electric Cooperatives	2021 Q2	2021 Q1	2020 Q4	2020 Q3	2020 Q2
Region IV-A					
FLECO	Green	Yellow-1	Yellow-1	Yellow-1	Yellow-1
BATELEC I	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
BATELEC II	Green	Green	Green	Yellow-1	Yellow-1
QUEZELCO I	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
QUEZELCO II	Green	Green	Green	Yellow-1	Green
Region IV-B					
LUBELCO	Yellow-1	Yellow-1	Yellow-1	Green	Green
OMECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
ORMECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
MARELCO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
TIELCO	Green	Green	Green	Green	Green
ROMELCO	Yellow-1	Yellow-1	Yellow-1	Green	Green
BISELCO	Yellow-1	Yellow-1	Green	Green	Green
PALECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
Region V					
CANORECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
CASURECO I	Yellow-1	Yellow-1	Green	Green	Green
CASURECO II	Yellow-1	Yellow-1	Green	Green	Green
CASURECO III	Yellow-1	Yellow-2	Yellow-1	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	Yellow-1	Yellow-1	Green	Green	Green
MASELCO	Red	Red	Red	Red	Red
TISELCO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
Region VI					
AKELCO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
ANTECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
CAPELCO	Yellow-1	Green	Green	Green	Yellow-1
ILECO I	Green	Green	Green	Yellow-1	Yellow-1
ILECO II	Green	Green	Yellow-1	Yellow-1	Yellow-1
ILECO III	Green	Green	Green	Green	Green
GUIMELCO	Green	Green	Green	Yellow-1	Yellow-1
NONECO	Yellow-1	Yellow-1	Yellow-1	Green	Green
CENECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
NOCECO	Yellow-1	Yellow-1	Green	Green	Green

Table 6. (Continued)

Electric Cooperatives	2021 Q2	2021 Q1	2020 Q4	2020 Q3	2020 Q2
Region VII					
NORECO I	Yellow-1	Green	Green	Green	Green
NORECO II	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
BANELCO	Green	Green	Yellow-1	Green	Green
CEBECO I	Green	Green	Green	Green	Green
CEBECO II	Green	Green	Green	Green	Green
CEBECO III	Green	Yellow-1	Green	Green	Green
PROSIELCO	Green	Green	Green	Green	Green
CELCO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Green
BOHECO I	Green	Green	Green	Green	Green
BOHECO II	Green	Yellow-1	Green	Green	Green
Region VIII					
DORELCO	Green	Green	Green	Green	Green
LEYECO II	Green	Green	Green	Green	Green
LEYECO III	Green	Yellow-1	Yellow-1	Yellow-1	Yellow-1
LEYECO IV	Green	Green	Green	Green	Green
LEYECO V	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
SOLECO	Yellow-1	Green	Green	Yellow-1	Yellow-1
BILECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
NORSAMELCO	Yellow-1	Green	Green	Green	Green
SAMELCO I	Yellow-1	Green	Green	Green	Green
SAMELCO II	Yellow-1	Yellow-1	Green	Yellow-1	Yellow-1
ESAMELCO	Yellow-1	Yellow-1	Green	Green	Green
Region IX					
ZANECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
ZAMSURECO I	Yellow-1	Yellow-1	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	Green	Yellow-1
MOELCI II	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
MORESCO I	Yellow-1	Yellow-1	Green	Green	Yellow-1
MORESCO II	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
FIBECO	Yellow-2	Yellow-2	Yellow-1	Yellow-2	Yellow-1
BUSECO	Yellow-1	Green	Green	Green	Yellow-1
CAMELCO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
LANECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1

Table 6. (Continued)

Electric Cooperatives	2021 Q2	2021 Q1	2020 Q4	2020 Q3	2020 Q2
Region XI					
DORECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
DANECO	Yellow-2	Yellow-2	Yellow-1	Yellow-1	Yellow-2
DASURECO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
Region XII					
COTELCO	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
COTELCO-PPALMA	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
SOCOTECO I	Yellow-1	Yellow-1	Yellow-1	Yellow-1	Yellow-1
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-1	Yellow-1	Yellow-2	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-2	Yellow-2	Yellow-1	Yellow-1	Yellow-2
Region XIII					
ANECO	Green	Green	Green	Green	Yellow-1
ASELCO	Green	Yellow-1	Yellow-1	Green	Yellow-1
SURNECO	Green	Yellow-1	Green	Green	Yellow-1
SIARELCO	Yellow-1	Green	Green	Green	Green
DIELCO	Green	Green	Green	Green	Green
SURSECO I	Green	Green	Green	Green	Green
SURSECO II	Yellow-1	Green	Green	Green	Green

Sorted by region, comparative analysis of the classification of ECs are also presented (Table 6).

III. Compliance to Key Performance Standards and Parameters

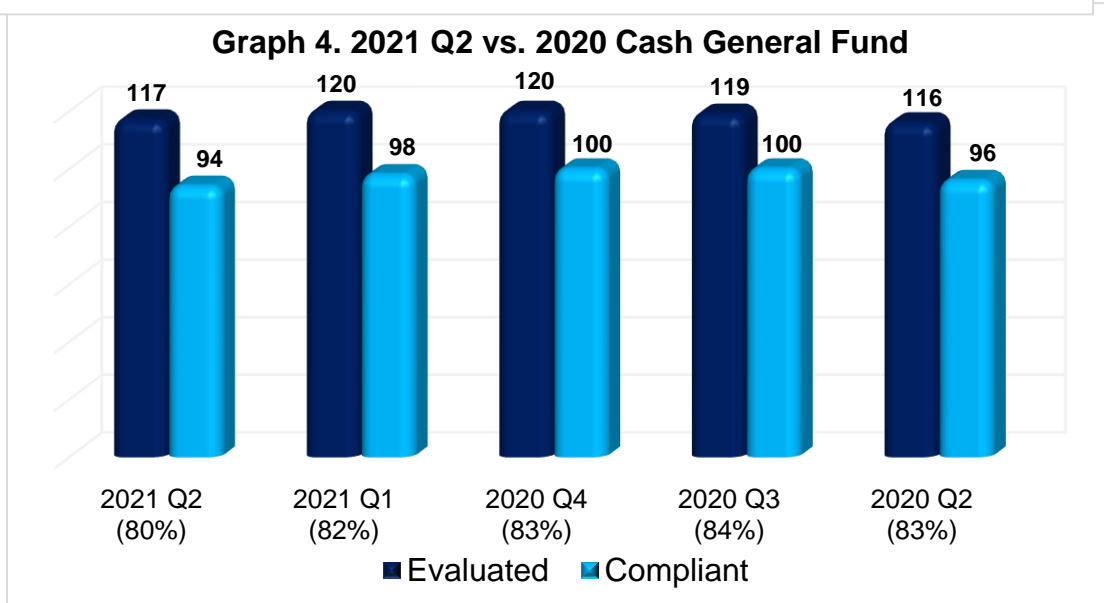
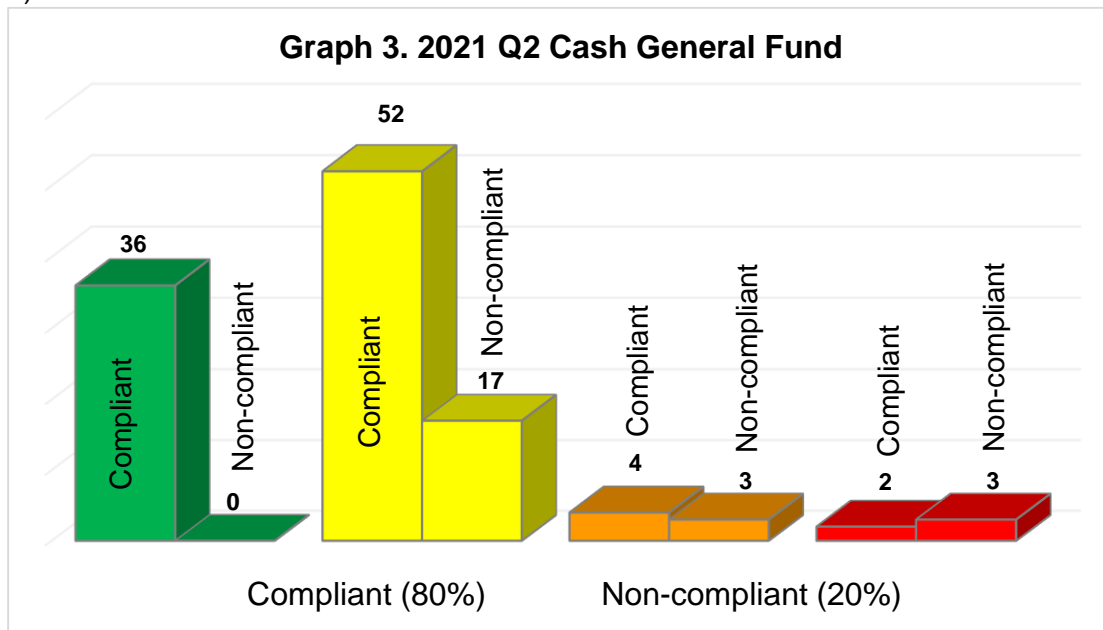
A. Financial and Operational Standards and Parameters

There are five financial and operational standards and parameters used in the classification of ECs. The performance of the ECs is 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 117 ECs evaluated with only 94 ECs being compliant (Graph 3).

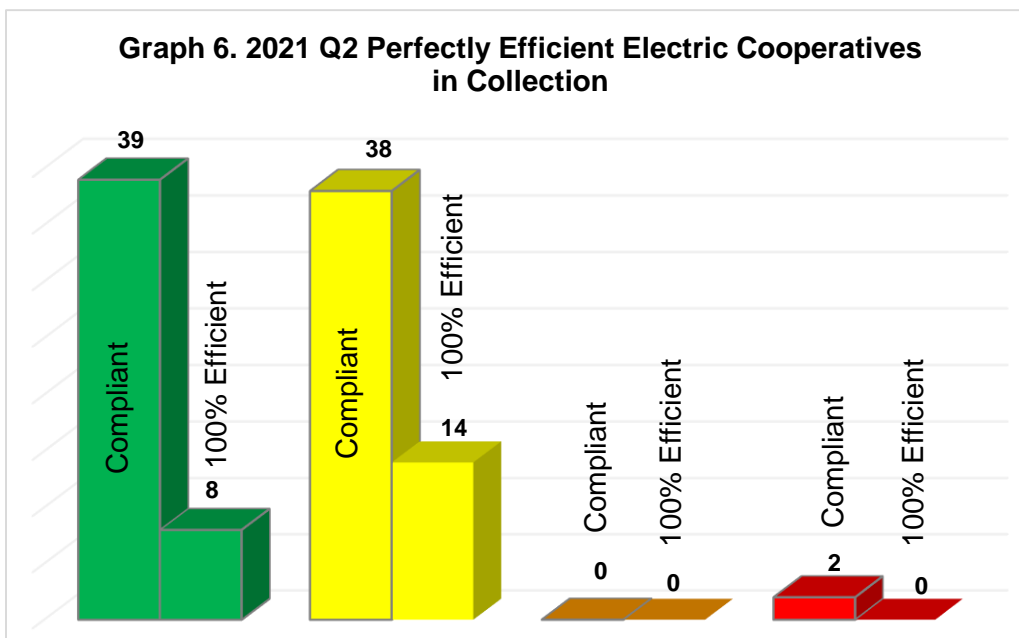
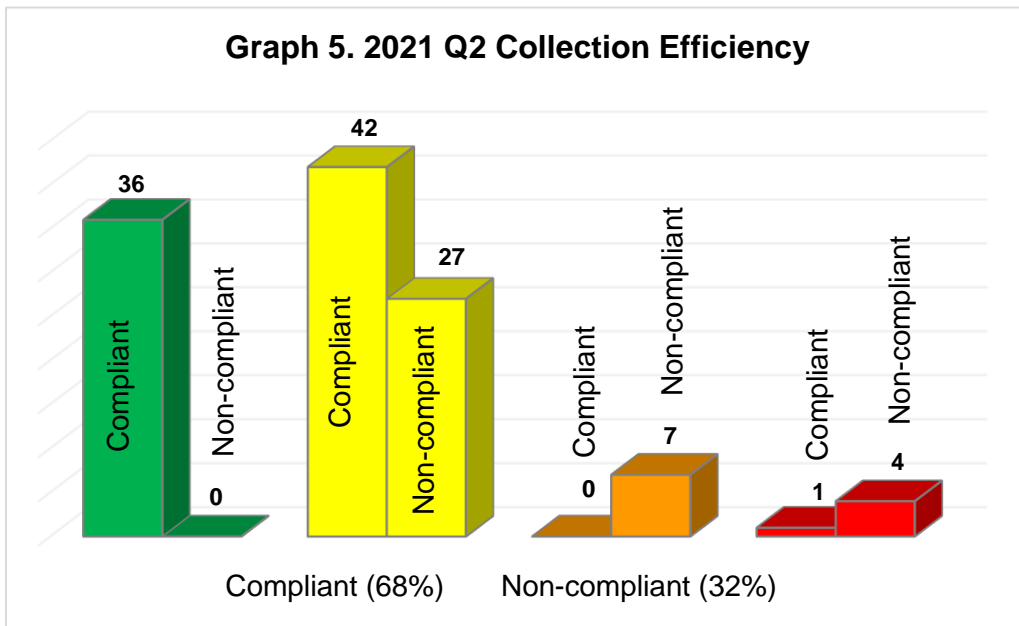


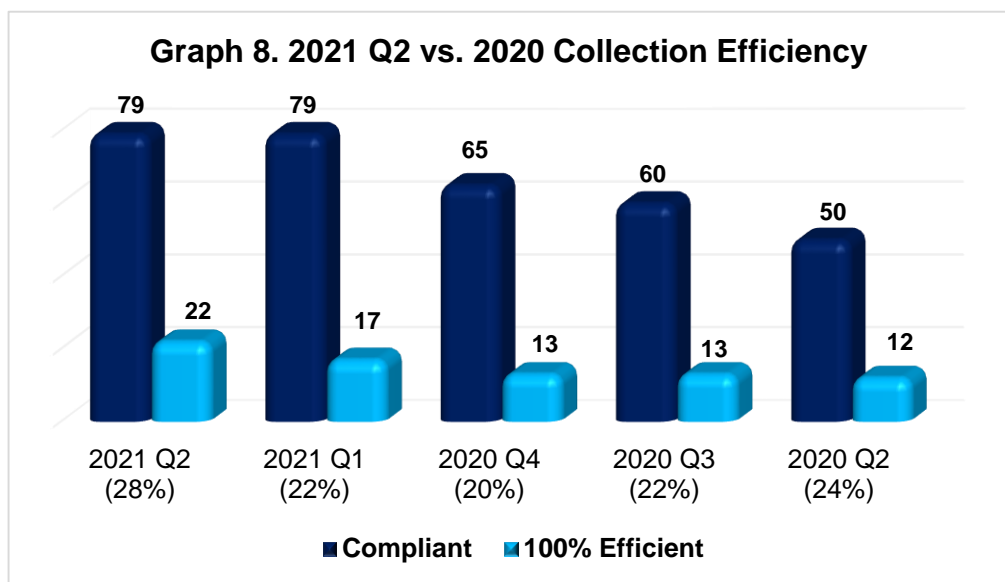
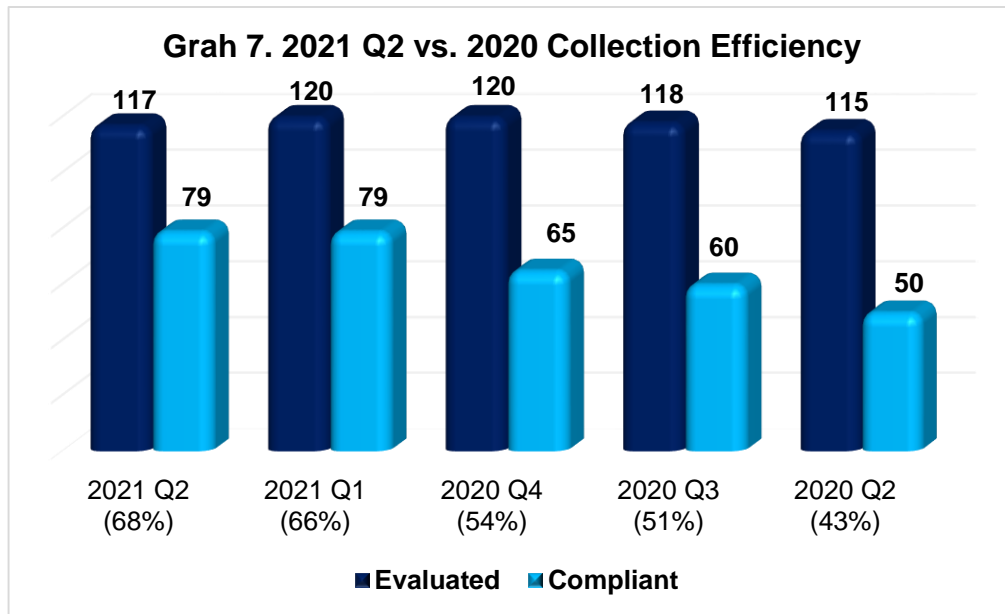
Comparing this quarter's performance from last quarter's results, there is a decrease in ECs being evaluated on their financial state based on the ECs ability to operate continuously. Likewise, there is also a decrease in the level of compliance by 2% compared to last quarter's performance (Graph 4).

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, 117 ECs were assessed and the result was 79 ECs of 68% were able to collect at least 95% of its consumer accounts receivables (Graph 5).



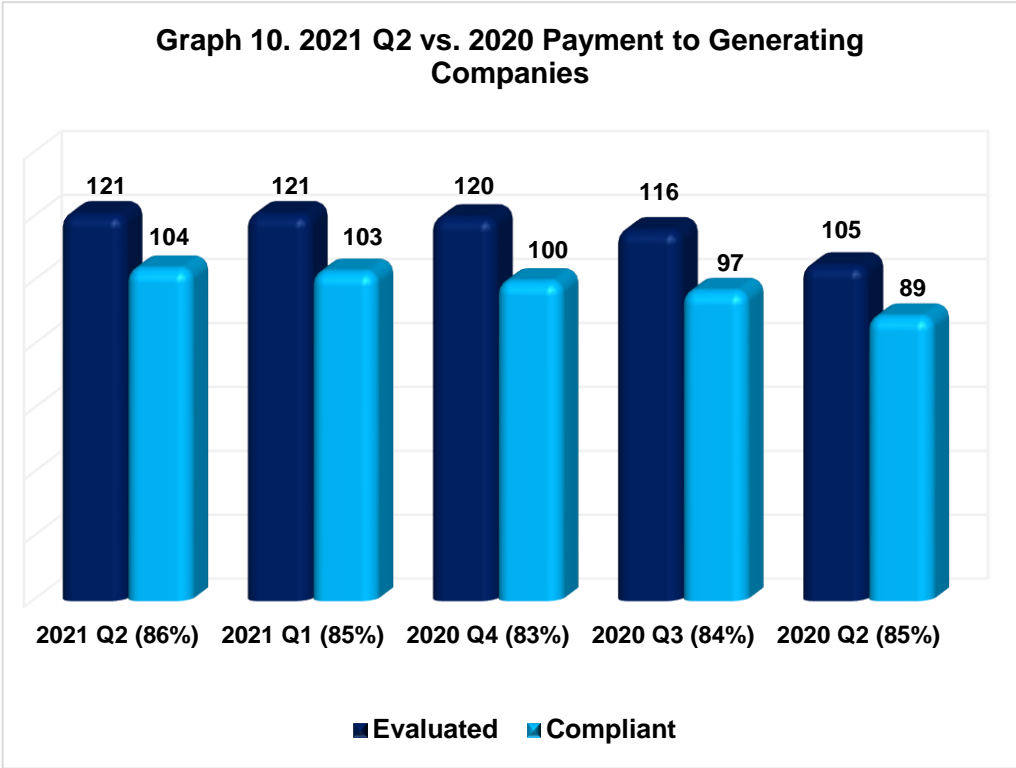
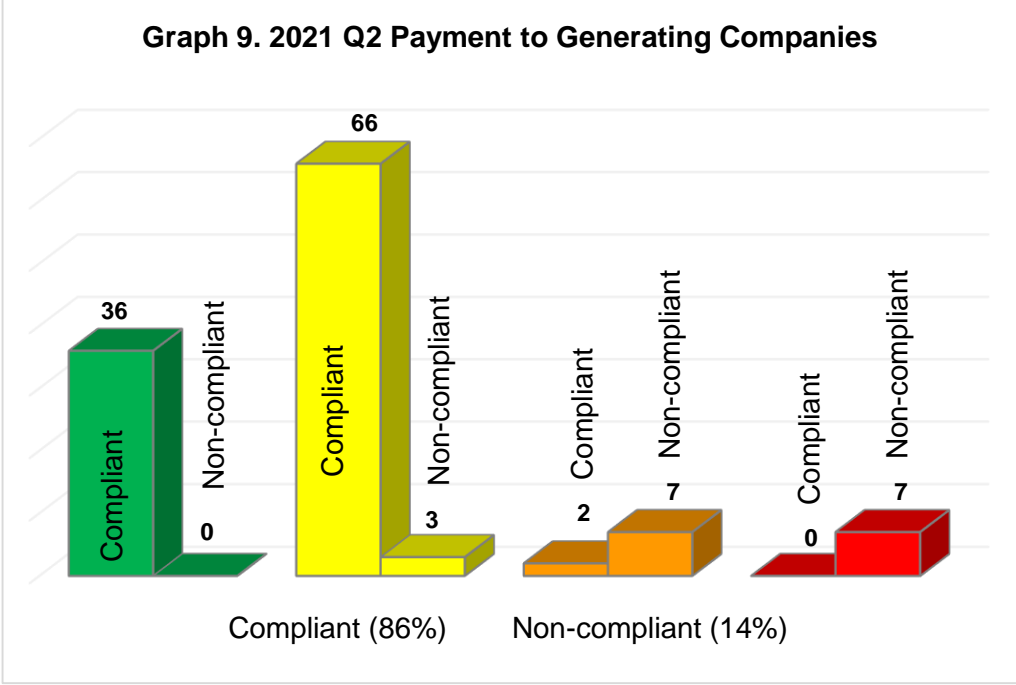


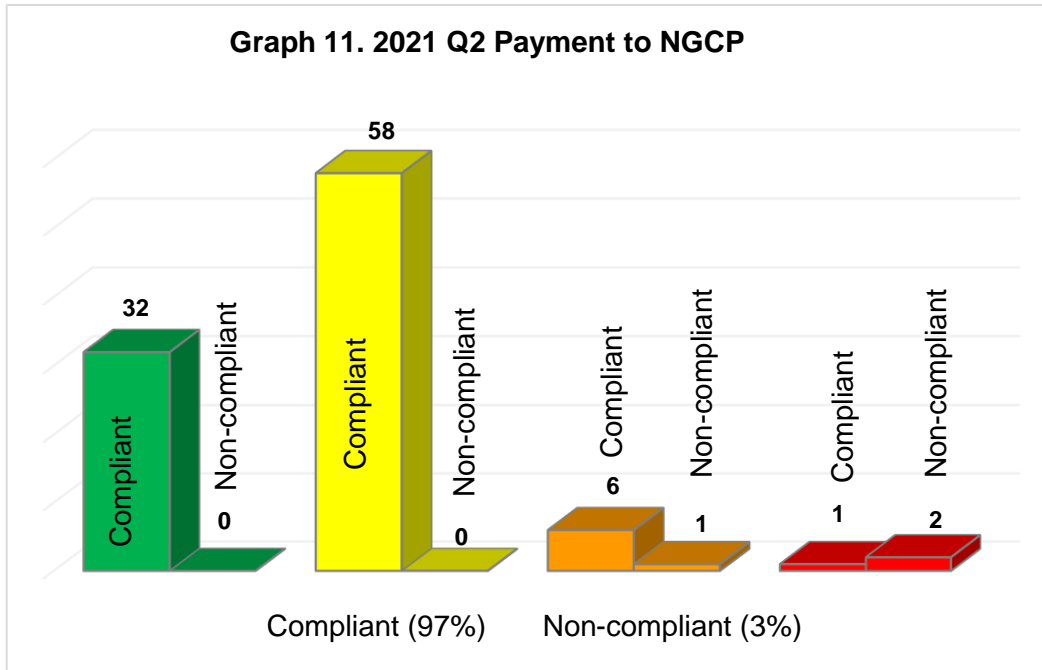
Out of the 79 compliant ECs, 22 were 100% efficient. (Graph 6). The number of compliant ECs in collection slightly increased for the first two quarters of this year compared with last year’s quarterly assessment (Graph 7). There was also an increase in the number of ECs who were 100% efficient in their collection efforts for the first two quarters of this year compared to previous year’s performance (Graph 8).

Payment to Generating Companies and NGCP

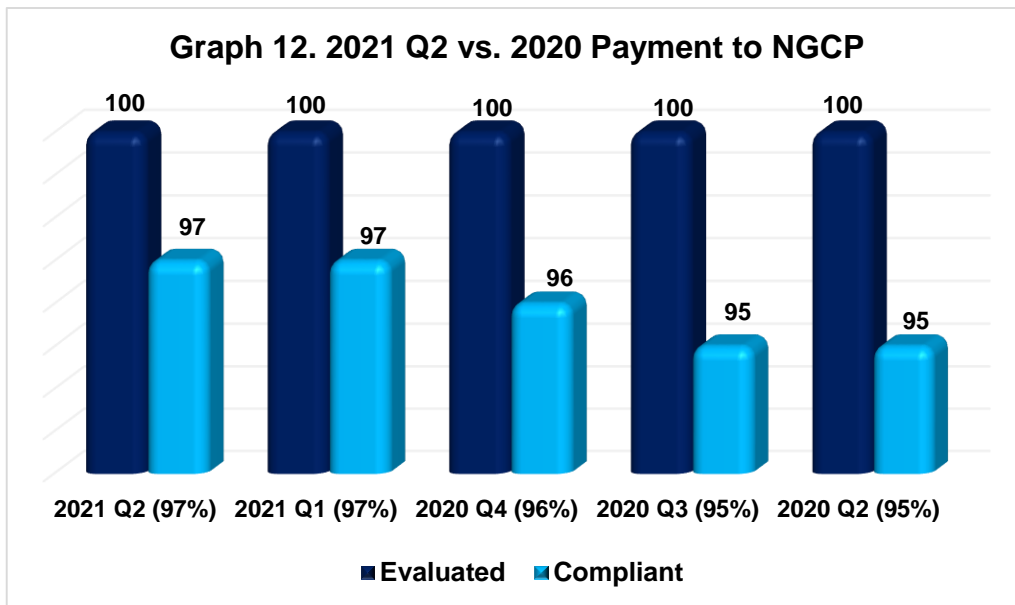
This condition denotes that an EC is compliant if it is able to pay its power accounts to generating companies (GENCO), and its transmission bills to National Grid Corporation of the Philippines (NGCP). A status of “Current” or “Restructured- Current” indicates the capacity of an EC to pay its fees on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

All 121 ECs were evaluated for their payment to generating companies. Out of the 121, 104 ECs or 86% were with “Current” or “Restructured - Current” status, marking them as compliant (Graph 9). The payment to generating companies are kept within 80-90%, and this quarter is marked as the highest with 86% efficiency (Graph 10).

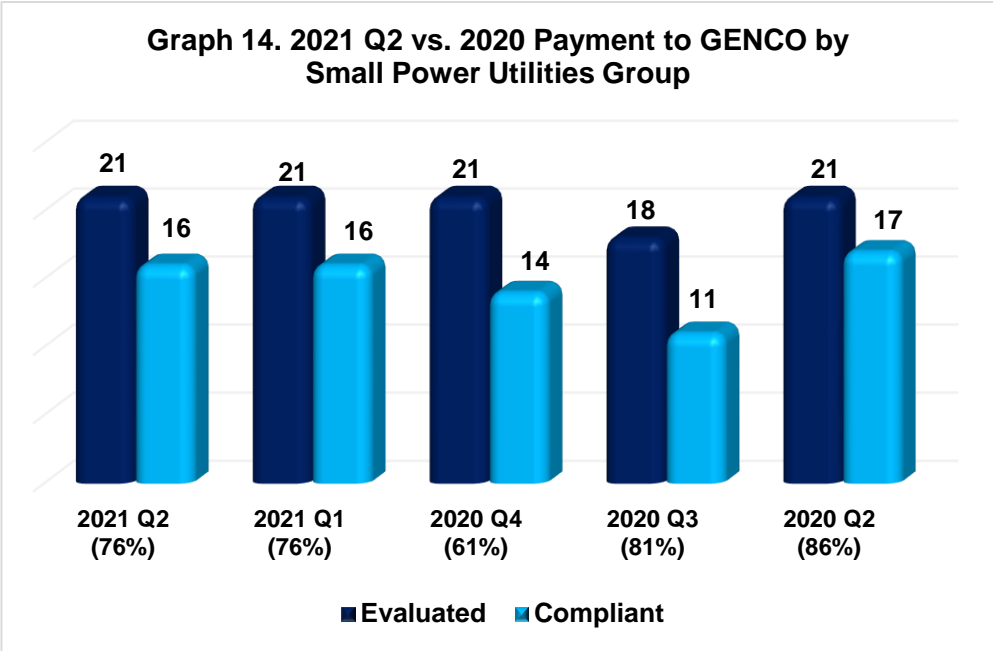
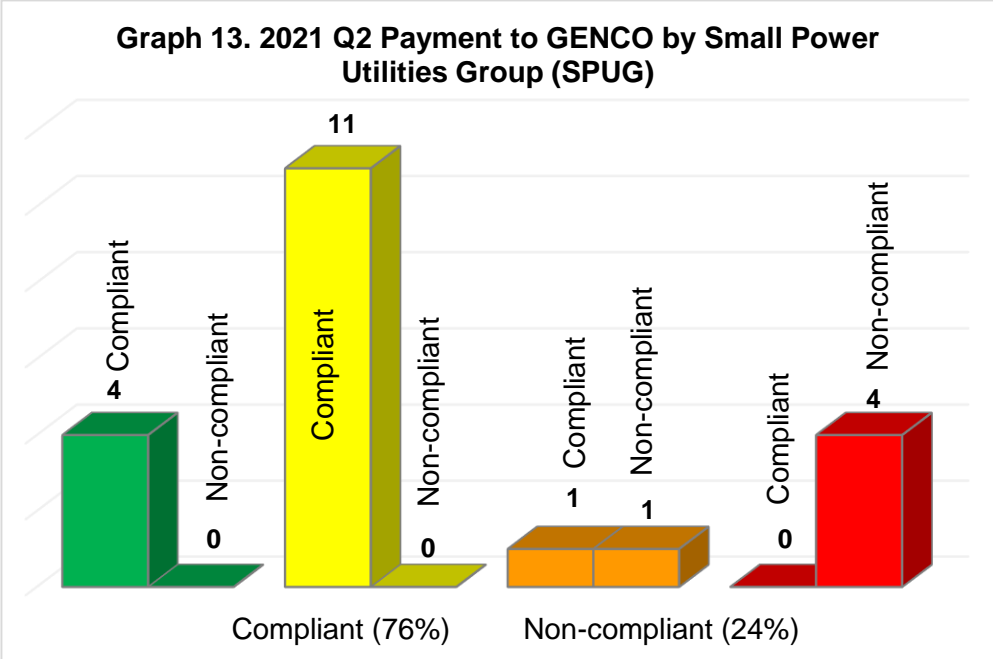




*Excludes 21 SPUG ECs



As regards their payment to NGCP, there were 97 ECs marked as compliant (Graph 11) for the second quarter of this year. It was observed that the level of compliance if the same for the first two quarters of 2021 and with a slight increase compared to 2020 level (Graph 12).



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. Among these 21 SPUG ECs, 16 or 76% are assessed as compliant (Graph 13). The number of compliant SPUG ECs remained the same for the first and second quarter of this year (Graph 14).

Payment to Financial Institutions (NEA, Banks and other FIs)

This parameter was included in the 2020 Policy for the Classification of ECs to monitor and measure compliance of ECs on their payment of financial obligations to NEA, Banks and other Financial Institutions (FIs). ECs are marked as “Current” or “Restructured- Current” if they are able to pay their amortizations on time. Contrastively, “Arrears” or “Restructured Arrears” shows the inability of an EC to pay its obligations promptly.

Of the 121 ECs, 105 ECs were assessed on their payment to NEA and the result was 100 ECs were current on their payments while 5 ECs were in arrears or they were not able to pay their obligations on time (Graph 15). 16 ECs were identified to have no financial obligations with NEA (Table 7.)

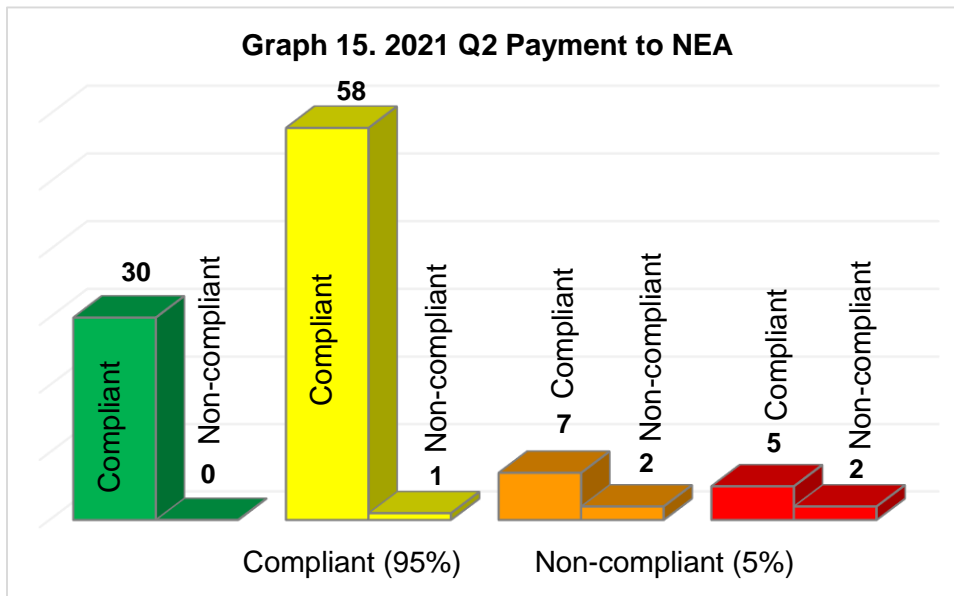
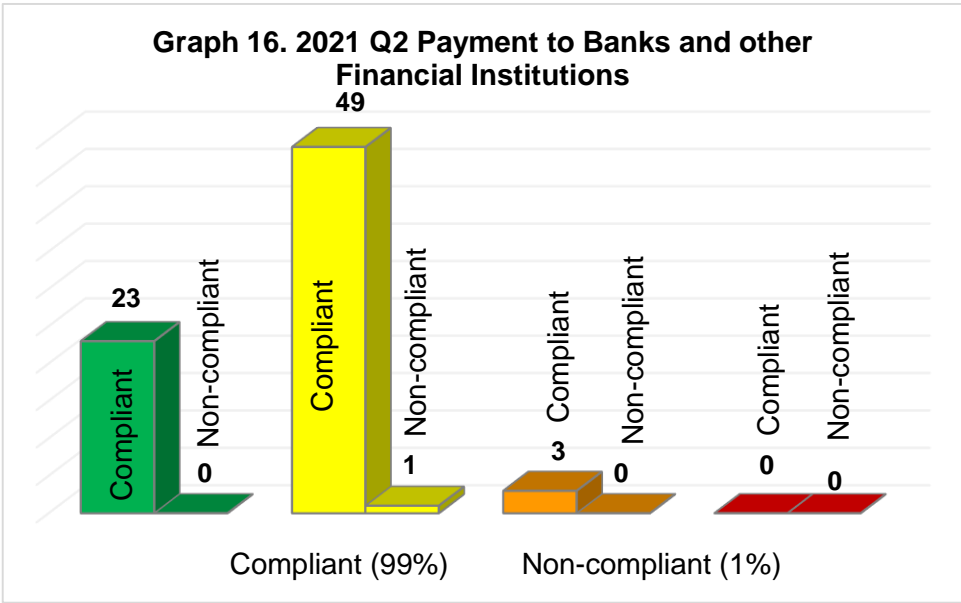


Table 7. ECs with No Loans with NEA

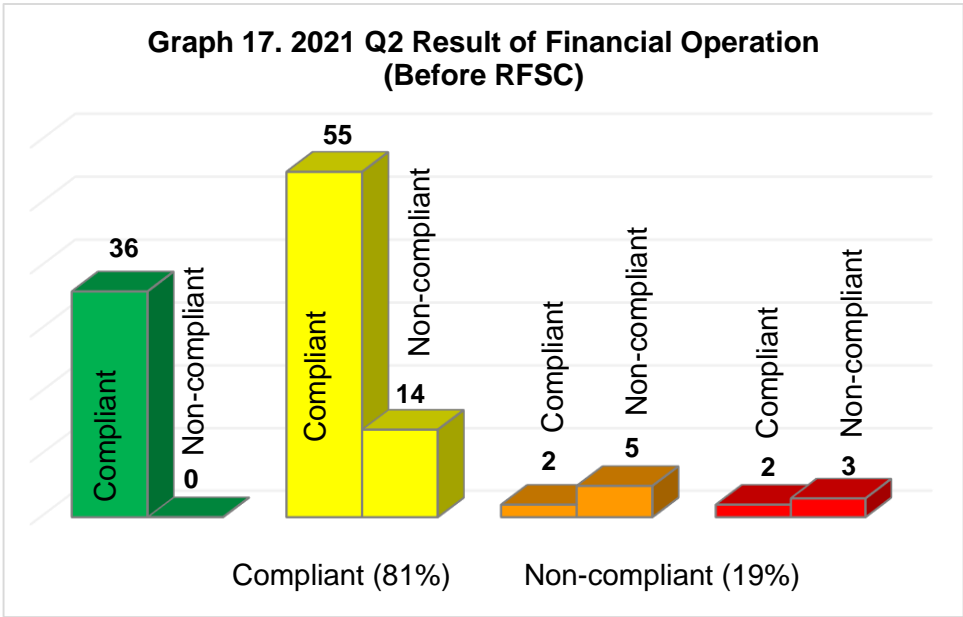
PANELCO I	PELCO I	ANTECO	CEBECO II
PANELCO III	PELCO II	NOCECO	CEBECO III
NUVELCO	BATELEC I	NORECO II	LEYECO II
QUIRELCO	PALECO	CEBECO I	MOELCI II

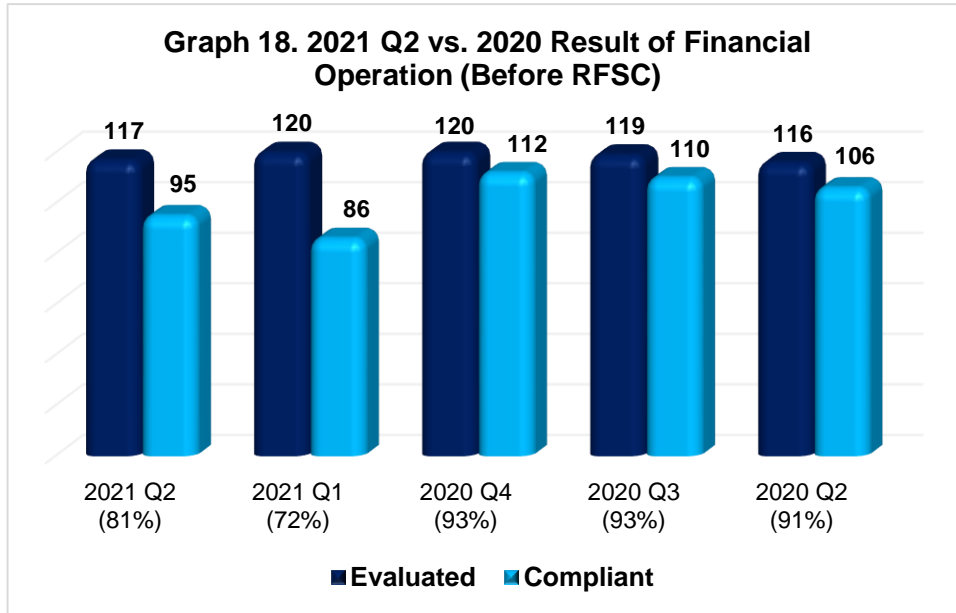
On payment to Banks and other Financial Institutions, out of 121 ECs, 76 ECs were assessed and the result showed that 75 ECs were current while only one EC is in arrears with its obligations (Graph 16). 27 ECs were identified to have no loans with banks and other FIs for the second quarter of 2021.



Result of Financial Operation (Before RFSC)

This parameter states the total revenue left after deducting all costs and expenses. A positive financial status makes an EC compliant after assessment of performance.

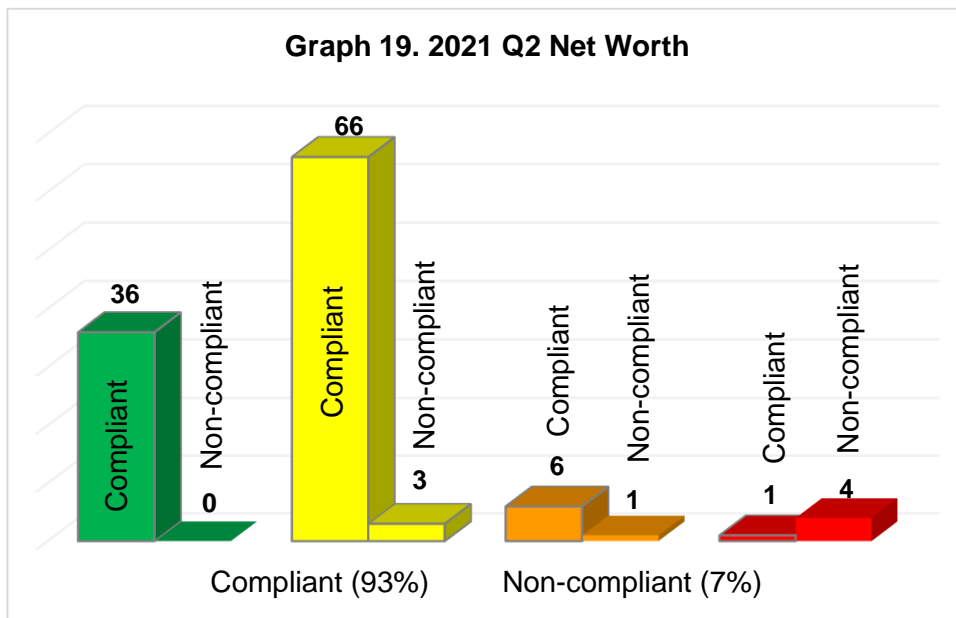


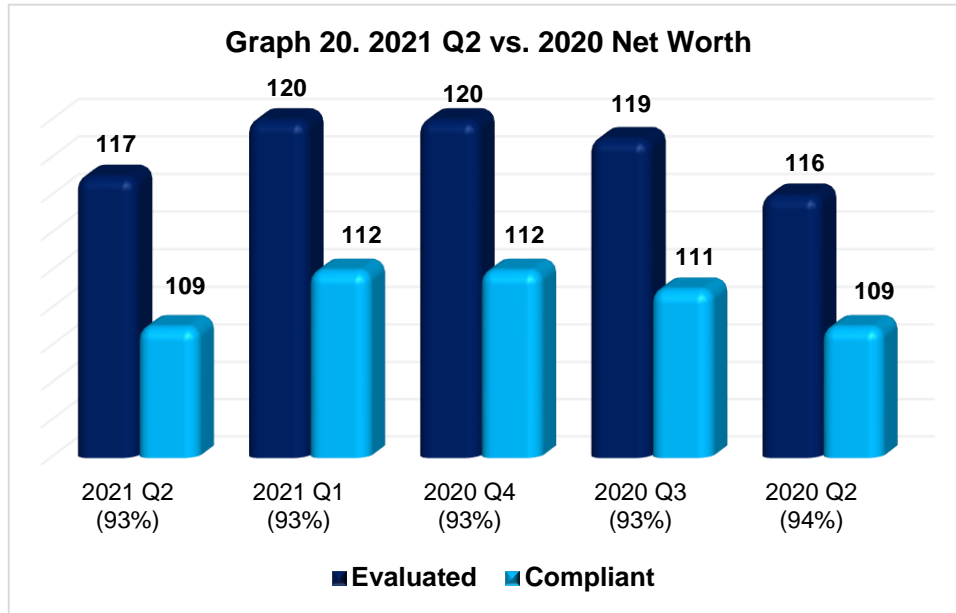


Out of the 117 evaluated ECs, 95 or 81% were compliant, most of which were Green and Yellow-1 ECs (Graph 17). There was an increase in the number of compliant ECs for second quarter compared to first quarter of 2021 as well as the 2020 performance (Graph 18).

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.





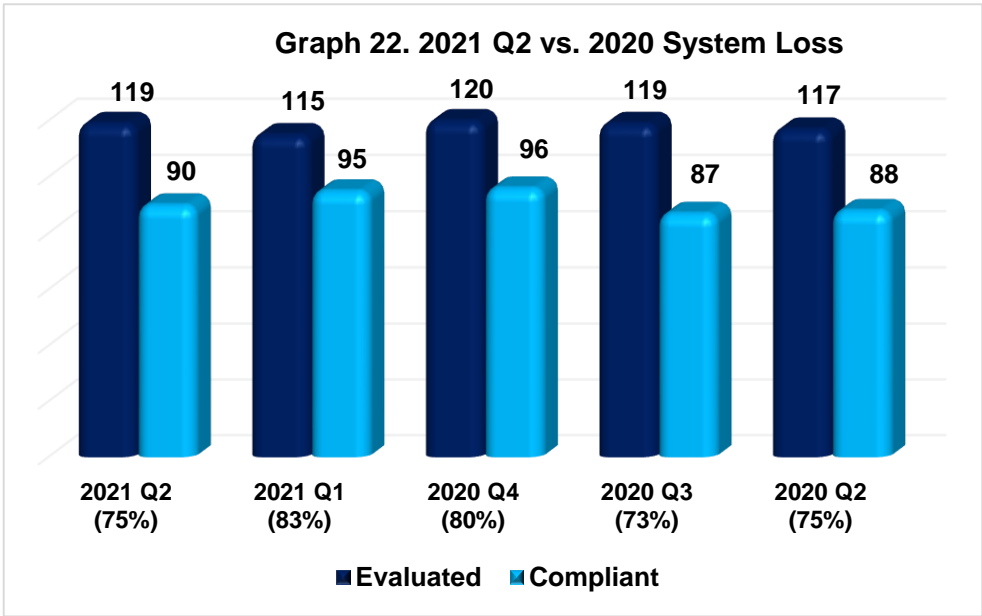
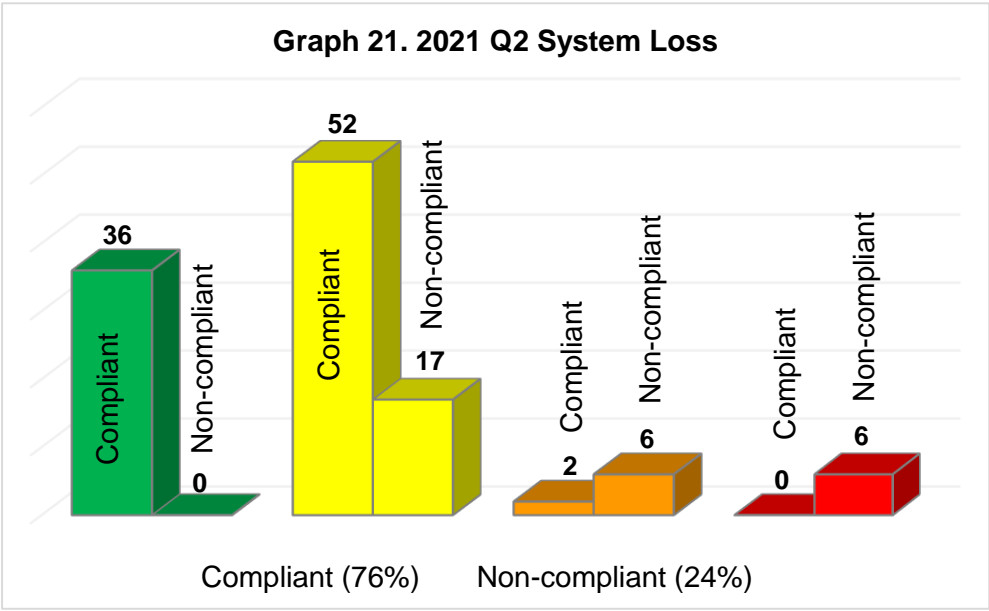
For the ECs' net worth, 109 or 93% out of 117 ECs evaluated have a positive net worth for this year's second quarter financial operations (Graph 19). There is decrease in the number of evaluated as well as compliant ECs for the second quarter as compared to the first quarter of 2021 however, the percentage level is the same from the third quarter of 2020 to second quarter of 2021 (Graph 20).

B. Technical Standards and Parameters

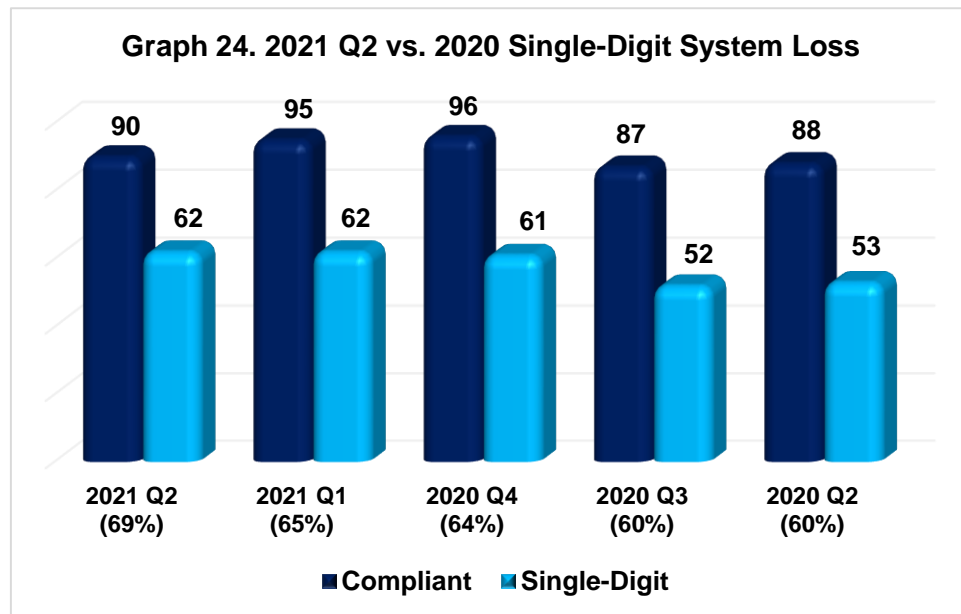
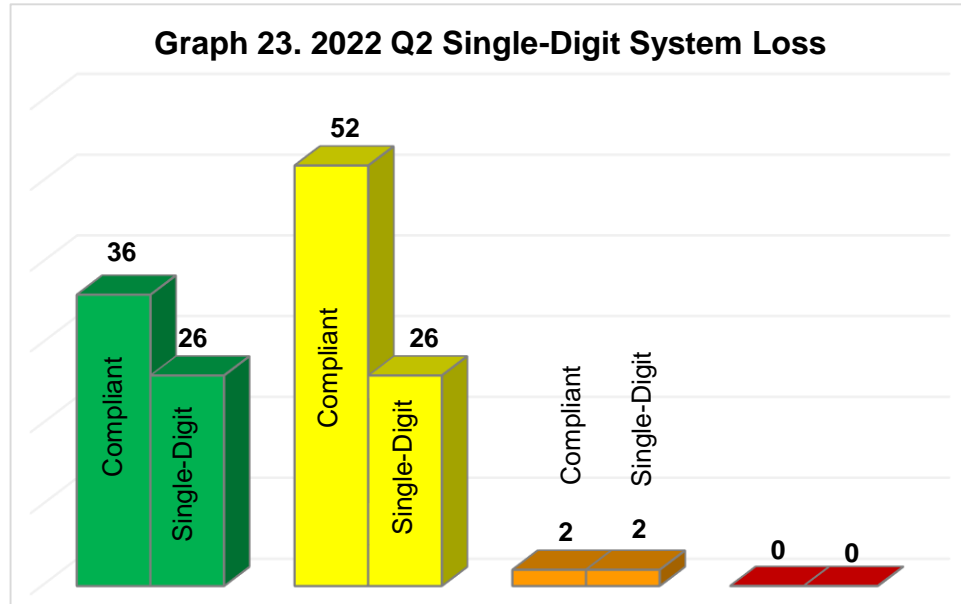
For the technical standards and parameters, two conditions are being considered, system efficiency and power reliability. For classifying ECs based on efficiency, only system loss is being utilized and for power reliability, the System Average Interruption Frequency Index (SAIFI) and System Average Interruption Distribution Index (SAIDI). The performance of the ECs is 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 2021 is 12%.



Out of the 119 evaluated ECs, 90 ECs or 76% were compliant (Graph 21). There is an increase in the number of evaluated ECs from 115 of the first quarter to 119 of the second quarter, however, the number of compliant ECs decreased from 95 to 90. The level of compliance is the same for the second quarter of this year compared to the same quarter last year (Graph 22).



As more ECs meet the standards in system loss, others continue to improve their system to reduce the loss up to a single-digit level (Graph 23). The continuous decline of performance from the second quarter of 2020 was averted until the fourth quarter 2020 and continued to increase until the 2nd quarter of 2021. It can also be noted that a 9% increase in performance is realized from the same quarter last year (Graph 24).

While the number of compliant ECs in the system loss parameter continued 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:

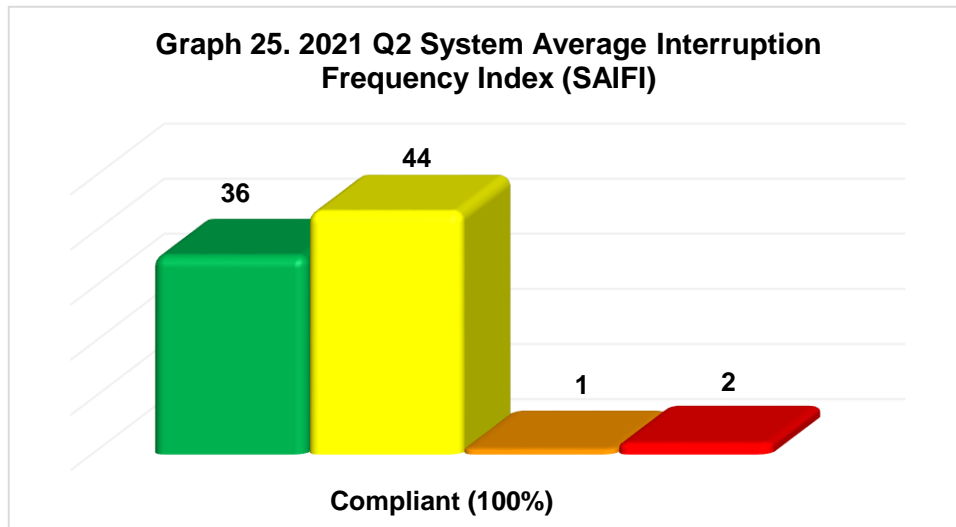
- a. Replacement of defective, malfunctioning, and inoperative kwh meters;
- b. Pole meter clustering;
- c. Vegetation management or right of way clearing;
- d. Line upgrading, line conversion, and line rehabilitation;
- e. Transformer load management which involves load centering of distribution transformer;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

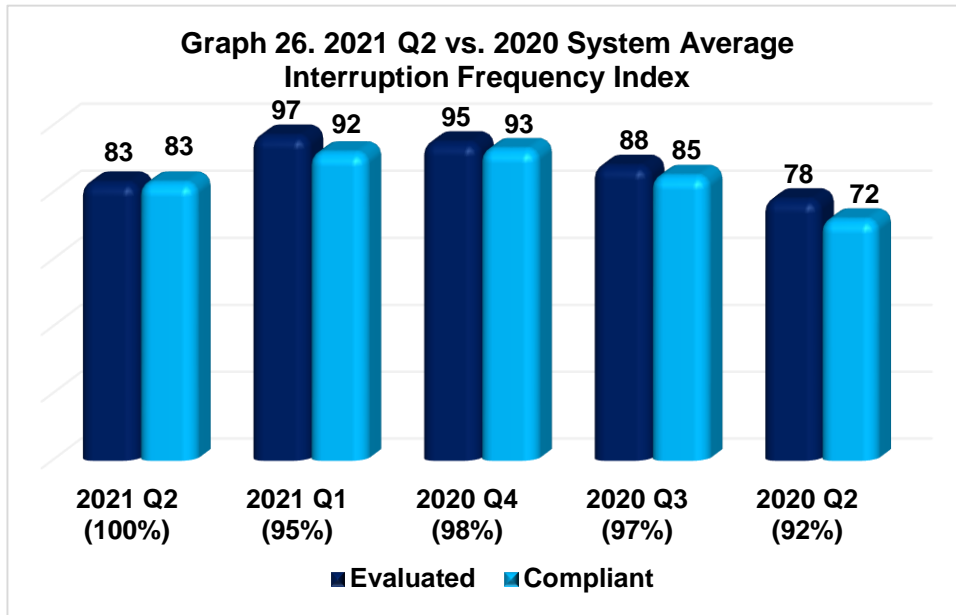
Power Reliability

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

System Average Interruption Frequency Index (SAIFI)

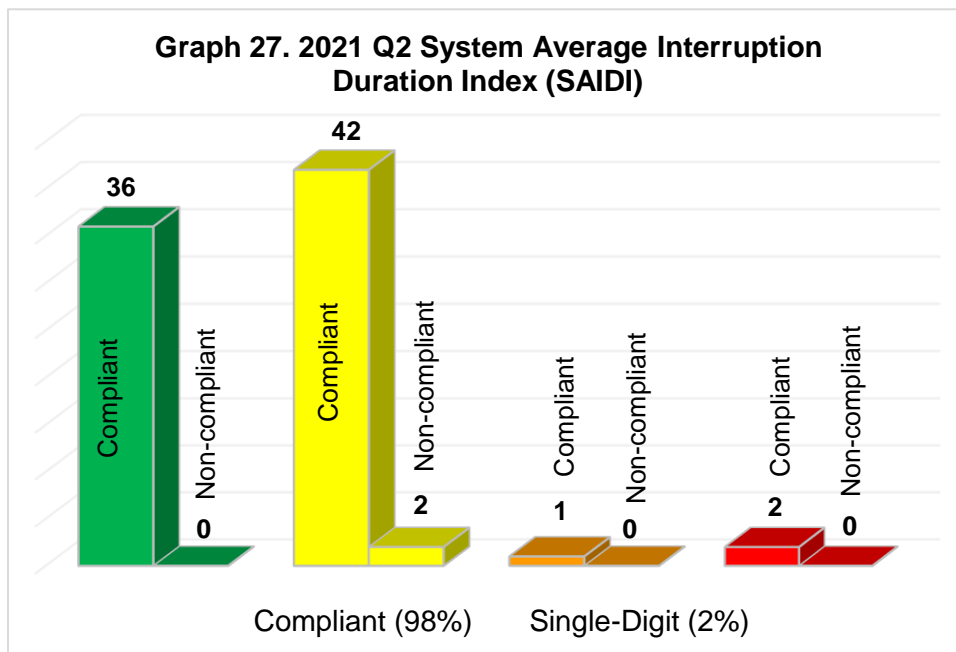
This parameter is defined as the total number of sustained customer power interruptions within a given period divided by the total number of customers served within the same period. For on-grid ECs, the standard is 25 interruptions per consumer per year while for off-grid ECs, 30 interruptions. All of the 83 ECs evaluated were assessed as compliant to the standard (Graph 25). There may have been a decrease in the level of compliance from fourth quarter of 2020 to first quarter of 2021, but an increase was realized for the second quarter by 5% which translates to 100% compliance level (Graph 26).

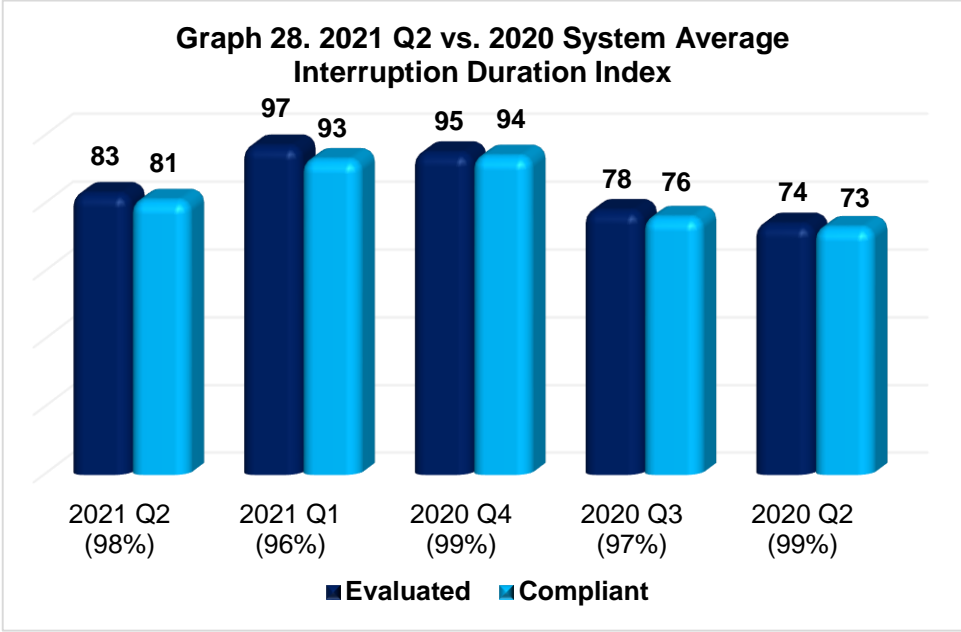




System Average Interruption Duration Index (SAIDI)

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 second quarter of 2021, 83 ECs were evaluated, and the result showed that 81 ECs were compliant or with 98% compliance level (Graph 27). The same as the SAIFI, there was also an increase in the level of compliance by 2% from the first quarter of 2021 to second quarter. The level of compliance may vary from different quarters but it has maintained the level above 95% (Graph 28).





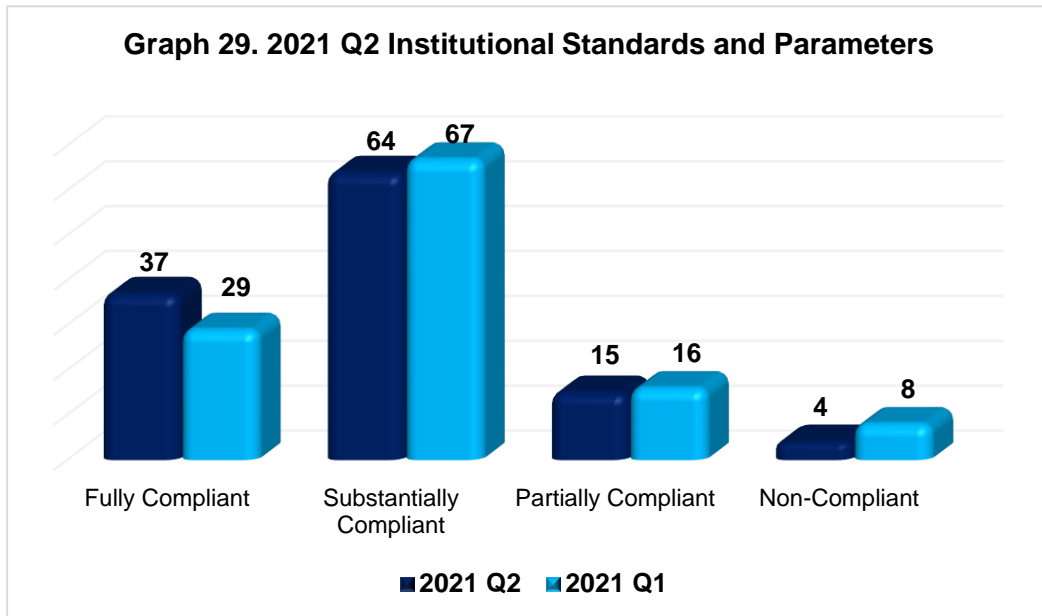
C. Institutional Standards and Parameters

While the institutional norms and principles do not affect the classification of ECs, there are standards and parameters set by the NEA to assess EC performance in relation to management of operations and effective delivery of service to member-consumer-owners. The objective of establishing these institutional requirements is to empower MCOs by promoting active participation and in the activities of the ECs. For 2021, the classification and its corresponding rating was enhanced to demonstrate the actual level of compliance of ECs to the identified parameters. A fully compliant EC must have 100% performance score in the set institutional criteria. In range of 81% to 99%, ECs are considered substantially compliant, 61% to 80%, partially compliant while ECs with 60% and below are considered non-compliant. The bases of the assessment are good governance, leadership/management, and stakeholders (Table 8). For overall institutional ratings, see Appendix C.

Table 8. 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, 37 ECs are fully compliant, 64 are substantially compliant, 15 are partially compliant, and 4 are non-compliant. In comparison with the previous quarter's data, the number of fully compliant ECs increased from 29 to 37 ECs. (Graph 29).



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 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. To account for the level of accomplishments, the Philippine Statistics Authority’s 2015 Census of Population was used as a basis for potential consumers.

For the second quarter of 2021, 96 out of 121 ECs are with 91% and above energization level. Of the 96 ECs, 77 have 100% accomplishment. and the newest addition to the group are NEECO II AREA 2 and CASURECO III. The majority of ECs with 100% energization level are Yellow-1 with 44 ECs, while Green ECs come in second with 30 and 2 ECs come from Yellow-2 while one from Red ECs. On the other hand, nine (9) ECs have a level of energization below 70%, most of which come from Red ECs (Table 9). For a more comprehensive data, refer to Appendix D.

Table 9. 2021 Q2 Energization Level

Level of Energization	Green	Yellow-1	Yellow-2	Red	Total
100	30	44	2	1	77
97-99	3	4	1	1	9
94-96	0	4	0	0	4
91-93	1	4	1	0	6
88-90	1	4	0	0	5
85-87	0	4	0	0	4
82-84	0	2	0	0	2
79-81	0	1	1	0	2
76-78	0	1	0	0	1
73-75	0	0	1	0	1
70-72	0	0	1	0	1
Below 70	0	2	2	5	9
Total	35	70	9	7	121

V. Appendices

Appendix A: Electric Cooperatives Performance Assessment Sheet

Green Electric Cooperatives Performance Assessment Sheet															
Electric Cooperatives	Cash General Fund		Collection Efficiency (%)	Accounts Payable				Result of Financial Operation (Before RFSC)*	Net Worth			System Loss (%)	System Reliability		Energization Level (%)
	Working Capital Fund*	One Month Working Capital Requirement*		Power		Financial Institutions			2021 Net Worth*	2020 Net Worth*	2019 Net Worth*		SAIFI	SAIDI	
				GENCO	NGCP	NEA	BANKS								
Region I - Ilocos Region															
LUELCO	293,516	159,097	96.79	Current	Current	Current	Current	40,661	1,160,502	1,178,005	1,127,561	10.61%	0.91	96.47	100.00
PANELCO III	663,004	265,512	97.12	Current	Current	N/A	Current	111,157	2,132,416	2,044,726	1,895,181	7.56%	0.83	0.11	100.00
Region II - Cagayan Valley															
ISELCO I	593,686	342,280	97.17	Current	Current	Current	Current	32,883	1,184,620	1,279,474	914,718	11.61%	1.27	43.71	100.00
CAR - Cordillera Administrative Region															
MOPRECO	60,699	18,764	99.44	Current	Current	Current	N/A	9,803	466,336	461,582	440,266	8.95%	3.10	231.92	100.00
Region III - Central Luzon															
TARELCO II	580,726	217,373	95.91	Current	Current	Current	N/A	63,687	1,783,156	1,752,003	1,564,512	8.28%	1.91	61.65	100.00
NEECO I	497,068	147,633	98.95	Current	Current	Current	N/A	30,113	1,098,840	1,092,157	1,033,892	8.81%	8.66	469.70	100.00
NEECO II - AREA 1	399,559	170,542	100.00	Current	Current	Current	N/A	78,706	1,043,278	974,152	884,478	10.73%	5.13	434.13	100.00
NEECO II - AREA 2	669,136	163,428	95.71	Current	Current	Current	N/A	143,961	1,386,776	1,276,241	1,159,509	9.51%	0.60	25.87	100.00
PRESCO	95,660	52,127	97.59	Current	Current	Current	Current	10,284	261,488	252,243	224,923	11.54%	2.17	240.53	100.00
PELCO I	1,036,246	185,880	98.21	Current	Current	N/A	N/A	70,770	2,516,853	2,444,082	2,142,938	7.55%	0.73	26.46	100.00
ZAMECO I	370,536	83,872	95.70	Current	Current	Current	Current	29,664	797,443	757,186	640,875	9.18%	7.47	457.98	100.00
Region IV-A - CALABARZON															
FLECO	104,297	77,181	100.00	Current	Current	Current	N/A	18,846	602,763	602,242	624,539	9.49%	1.26	55.42	100.00
BATELEC II	1,339,269	514,935	97.24	Current	Current	Current	Current	369,614	4,863,142	4,453,451	4,033,661	9.35%	2.70	116.73	100.00
QUEZELCO II	112,044	35,255	98.43	Current	Current	Current	Current	12,809	487,657	472,116	451,463	8.34%	0.95	142.36	88.07
Region IV-B - MIMAROPA															
TIELCO	33,949	30,709	99.97	Current	N/A	Current	Current	5,711	217,496	236,245	228,815	7.65%	2.71	116.04	100.00
Region V - Bicol Region															
CASURECO IV	152,244	44,123	99.79	Current	Current	Current	Current	14,899	906,029	919,493	901,459	9.40%	0.41	29.19	100.00
Region VI - Western Visayas															
ILECO I	1,246,265	247,562	95.69	Current	Current	Current	Current	67,414	1,982,781	1,935,005	1,737,795	7.88%	3.42	36.98	100.00
ILECO II	507,399	154,235	96.12	Current	Current	Current	Current	25,381	1,399,666	1,381,898	1,291,781	10.85%	9.37	440.49	91.94
ILECO III	280,815	93,213	100.00	Current	Current	Current	Current	20,314	664,268	622,970	552,495	7.42%	4.01	87.98	97.54
GUIMELCO	46,509	32,323	97.43	Current	Current	Current	N/A	31,374	520,428	502,488	459,634	9.45%	1.08	76.32	99.20

Appendix A: Electric Cooperatives Performance Assessment Sheet

Green Electric Cooperatives Performance Assessment Sheet															
Electric Cooperatives	Cash General Fund		Collection Efficiency (%)	Accounts Payable				Result of Financial Operation (Before RFSC)*	Net Worth			System Loss (%)	System Reliability		Energization Level (%)
	Working Capital Fund*	One Month Working Capital Requirement*		Power		Financial Institutions			2021 Net Worth*	2020 Net Worth*	2019 Net Worth*		SAIFI	SAIDI	
				GENCO	NGCP	NEA	BANKS								
Region VII - Central Visayas															
BANELCO	55,482	28,554	100.00	Current	N/A	Current	N/A	9,997	404,548	431,063	428,852	9.00%	0.00	311.56	100.00
CEBECO I	723,979	152,856	100.00	Current	Current	N/A	Current	52,054	1,461,392	1,416,325	1,304,637	6.42%	2.34	148.47	100.00
CEBECO II	715,699	204,322	96.27	Current	Current	N/A	Current	112,515	2,049,015	1,928,075	1,736,571	8.24%	0.38	26.95	100.00
CEBECO III	390,493	95,715	100.00	Current	Current	N/A	Current	30,331	875,721	883,047	828,433	9.52%	1.20	756.39	100.00
PROSIELCO	47,581	20,207	100.00	Current	N/A	Current	N/A	1,752	181,268	181,823	181,356	7.40%	10.06	584.99	100.00
BOHECO I	518,393	131,180	98.37	Current	Current	Current	Current	42,568	1,437,774	1,399,623	1,325,387	6.51%	2.90	231.34	100.00
BOHECO II	237,398	110,548	100.00	Current	Current	Current	Current	16,523	720,151	706,518	706,752	9.46%	2.14	136.70	100.00
Region VIII - Eastern Visayas															
DORELCO	129,527	62,126	98.23	Current	Current	Current	N/A	22,374	670,184	679,940	647,537	11.07%	3.68	188.24	97.24
LEYECO II	337,022	173,300	96.66	Current	Res.Current	N/A	Current	29,319	771,348	868,047	779,649	6.37%	0.69	30.55	100.00
LEYECO III	59,340	45,512	95.81	Current	Current	Current	Current	14,864	463,607	457,710	417,183	9.79%	0.00	9.01	100.00
LEYECO IV	225,973	60,436	97.77	Current	Current	Current	N/A	13,825	665,261	652,482	591,743	10.76%	4.15	268.19	100.00
Region XIII - CARAGA															
ANECO	374,270	240,960	97.63	Current	Current	Current	Current	42,133	1,219,844	1,139,009	1,185,090	10.58%	4.25	229.47	100.00
ASELCO	205,082	187,018	95.15	Current	Current	Current	Current	26,866	1,540,561	1,532,341	1,535,073	9.15%	6.20	249.83	100.00
SURNECO	144,210	130,061	97.64	Current	Current	Current	Current	23,158	403,839	409,853	425,646	10.71%	3.28	240.73	100.00
DIELCO	94,768	12,913	99.64	Current	N/A	Current	N/A	9,926	268,101	253,337	229,087	1.91%	2.49	0.01	100.00
SURSECO I	83,487	47,163	98.28	Current	Current	Current	Current	16,787	606,469	602,572	590,333	10.77%	3.44	487.81	100.00

Note: * - In Thousand Pesos

Appendix A: Electric Cooperatives Performance Assessment Sheet

Yellow-1 Electric Cooperatives Performance Assessment Sheet															
Electric Cooperatives	Cash General Fund		Collection Efficiency (%)	Accounts Payable				Result of Financial Operation (Before RFSC)*	Net Worth			System Loss (%)	System Reliability		Energization Level (%)
	Working Capital Fund*	One Month Working Capital Requirement*		Power		Financial Institutions			2021 Net Worth*	2020 Net Worth*	2019 Net Worth*		SAIFI	SAIDI	
				GENCO	NGCP	NEA	BANKS								
Region I - Ilocos Region															
INEC	136,973	198,116	100.00	Current	Current	Current	Current	41,614	336,962	776,175	1,176,665	9.75%	8.10	585.48	100.00
ISECO	521,523	207,699	97.43	Current	Current	Current	N/A	27,227	1,327,895	1,392,410	1,243,825	9.21%	dns	dns	100.00
PANELCO I	212,826	90,267	100.00	Current	Current	N/A	Current	312	765,433	805,987	787,288	12.36%	dns	dns	100.00
CENPELCO	147,955	325,758	90.50	Res.Current	Current	Current	Current	38,821	1,885,443	1,860,220	1,742,770	7.26%	4.06	3,156.56	100.00
Region II - Cagayan Valley															
CAGELCO I	425,825	215,836	99.32	Current	Current	Current	Current	-103,016	1,080,302	1,280,720	1,143,113	12.38%	dns	dns	100.00
CAGELCO II	488,673	136,920	100	Current	Current	Current	Current	-4,043	1,360,147	1,287,954	1,160,738	10.57%	dns	dns	99.24
ISELCO II	137,193	239,843	89.21	Current	Current	Current	Current	2,829	1,335,149	1,351,965	1,129,218	11.07%	2.84	101.76	100.00
NUVELCO	134,241	107,873	87.22	Current	Current	N/A	dns	61,499	1,486,734	1,416,278	1,303,456	9.39%	8.60	380.14	100.00
QUIRELCO	124,238	38,462	100	Current	Current	N/A	Current	-3,434	503,072	511,146	480,112	12.56%	dns	dns	100.00
CAR - Cordillera Administrative Region															
BENECO	613,995	230,678	94.50	Current	Current	Current	Current	16,826	2,556,542	2,314,908	2,214,907	7.64%	6.34	948.44	98.77
Region III - Central Luzon															
AURELCO	109,712	45,460	93.75	Current	Current	Current	Current	33,302	624,770	598,932	512,852	6.16%	1.51	135.34	100.00
TARELCO I	1,008,723	233,355	91.33	Current	Current	Current	N/A	79,400	1,769,586	1,712,744	1,562,727	7.45%	7.10	306.06	100.00
SAJELCO	232,215	67,867	95.69	Current	Current	Current	Current	28,133	532,635	508,681	508,476	8.81%	dns	dns	100.00
PELCO II	314,592	399,773	99.48	Current	Current	N/A	Current	46,686	-204,988	-251,648	-619,847	10.71%	4.27	0.43	100.00
PELCO III	223,421	161,216	90.47	Arrears	Current	Current	Current	36,769	-220,341	-334,259	-64,214	9.49%	1.86	41.91	100.00
PENELCO	576,336	378,181	95.66	Current	Current	Current	Current	-30,128	2,584,371	2,650,560	2,381,669	6.10%	0.92	65.32	100.00
ZAMECO II	153,384	124,282	90.06	Current	Current	Current	Current	32,429	1,087,237	862,545	809,634	9.47%	1.45	34.32	100.00
Region IV-A - CALABARZON															
BATELEC I	424,065	253,613	93.55	Current	Current	N/A	N/A	-2,148	1,217,829	1,314,819	1,608,475	10.08%	0.97	170.97	100.00
QUEZELCO I	200,354	148,784	97.18	Current	Current	Current	Current	-61,224	1,336,378	1,365,476	1,286,809	14.75%	1.60	258.73	90.03

Appendix A: Electric Cooperatives Performance Assessment Sheet

Yellow-1 Electric Cooperatives Performance Assessment Sheet															
Electric Cooperatives	Cash General Fund		Collection Efficiency (%)	Accounts Payable				Result of Financial Operation (Before RFSC)*	Net Worth			System Loss (%)	System Reliability		Energization Level (%)
	Working Capital Fund*	One Month Working Capital Requirement*		Power		Financial Institutions			2021 Net Worth*	2020 Net Worth*	2019 Net Worth*		SAIFI	SAIDI	
				GENCO	NGCP	NEA	BANKS								
Region IV-B - MIMAROPA															
LUBELCO	5,691	4,111	96.26	Current	N/A	Arrears	N/A	2,582	84,047	73,157	88,686	8.90%	6.67	457.50	100.00
OMECCO	148,710	78,649	95.89	Current	N/A	Current	Current	65,000	718,052	599,516	544,358	12.95%	dns	dns	87.07
ORMECO	170,562	198,476	95.97	Current	N/A	Current	dns	49,980	1,979,666	1,915,748	1,838,032	11.62%	12.28	683.80	100.00
MARELCO	29,765	37,203	100.00	Current	N/A	Current	Current	6,840	372,430	375,821	361,168	9.44%	7.49	572.13	100.00
ROMELCO	14,591	17,256	96.04	Current	N/A	Current	Current	7,794	406,422	403,156	395,932	10.74%	2.41	69.18	100.00
BISELCO	63,360	17,332	97.85	Current	N/A	Current	Current	312	415,933	393,544	324,491	13.46%	dns	dns	93.89
PALECO	609,654	194,768	92.09	Current	N/A	N/A	Current	54,837	1,088,127	1,060,366	1,055,427	9.88%	9.21	694.73	85.66
Region V - Bicol Region															
CANORECO	293,743	132,658	93.60	Current	Current	Current	Current	42,352	847,912	837,982	731,372	9.47%	dns	dns	100.00
CASURECO I	45,765	62,508	100.00	Current	Current	Current	Current	107	918,303	930,749	936,379	10.64%	dns	dns	100.00
CASURECO II	571,685	246,206	100.00	Current	Current	Current	N/A	-7,552	566,096	650,360	684,357	10.98%	6.31	2.38	100.00
CASURECO III	127,009	90,982	95.21	Current	Current	Current	Current	23,916	-193,153	-181,430	-265,459	13.32%	3.42	150.28	100.00
SORECO I	43,177	45,550	91.84	Current	Current	Current	Current	45,209	390,728	401,228	341,085	9.93%	6.42	421.00	100.00
SORECO II	179,809	94,039	94.49	Res.Current	Current	Current	dns	991	847,889	848,672	765,898	11.53%	3.78	244.08	100.00
FICELCO	44,699	38,178	97.48	Current	N/A	Current	Current	6,771	262,980	254,852	212,623	11.07%	dns	dns	100.00
TISELCO	8,926	7,309	73.69	Res.Current	N/A	Current	dns	6,940	115,805	145,831	dns	11.28%	6.83	53.40	91.35
Region VI - Western Visayas															
AKELCO	201,041	189,165	92.35	Current	Current	Current	Current	-44,757	1,168,764	1,167,231	1,328,288	10.81%	6.77	0.53	100.00
ANTECO	216,515	93,437	93.87	Current	Current	N/A	Current	33,376	1,674,387	1,614,415	1,597,847	11.54%	dns	dns	100.00
CAPELCO	299,444	204,347	97.28	Current	Current	Current	Current	-8,334	1,104,516	1,196,836	1,167,506	10.92%	2.28	101.42	100.00
NONECO	160,439	192,723	98.42	Current	Current	Current	Current	-24,908	919,730	931,851	947,298	11.14%	dns	dns	91.30
CENECO	925,227	585,285	91.38	Current	Current	Current	Current	43,572	3,127,394	3,173,626	3,101,602	11.58%	3.67	1,482.29	100.00
NOCECO	569,611	223,780	100.00	Current	Current	N/A	Current	-77,557	1,569,388	1,611,646	1,551,278	12.80%	2.21	153.72	81.99
Region VII - Central Visayas															
NORECO I	108,802	61,036	96.50	Current	Current	Current	Current	-1,494	562,012	596,996	562,374	11.23%	11.96	736.49	76.35
NORECO II	700,268	241,798	94.75	Res.Current	Res.Current	N/A	N/A	-18,641	1,695,685	1,660,264	1,593,000	12.98%	6.81	268.25	100.00
CELCO	7,505	13,407	100.00	Current	N/A	Current	N/A	3,886	180,862	176,388	172,937	8.08%	3.98	94.01	100.00

Appendix A: Electric Cooperatives Performance Assessment Sheet

Yellow-1 Electric Cooperatives Performance Assessment Sheet															
Electric Cooperatives	Cash General Fund		Collection Efficiency (%)	Accounts Payable				Result of Financial Operation (Before RFSC)*	Net Worth			System Loss (%)	System Reliability		Energization Level (%)
	Working Capital Fund*	One Month Working Capital Requirement*		Power		Financial Institutions			2021 Net Worth*	2020 Net Worth*	2019 Net Worth*		SAIFI	SAIDI	
				GENCO	NGCP	NEA	BANKS								
Region VIII - Eastern Visayas															
LEYECO V	351,361	139,994	93.75	Current	Res.Current	Current	Current	36,387	1,650,531	1,713,894	1,570,462	8.47%	dns	dns	96.78
SOLECO	451,073	87,392	100.00	Current	Current	Current	Current	18,776	1,449,406	1,432,119	1,339,572	12.15%	5.75	543.47	100.00
BILECO	141,437	33,525	97.24	Res.Current	Current	Current	N/A	-1,284	423,097	391,445	367,704	12.35%	4.31	254.37	100.00
NORSAMELCO	79,062	77,587	99.94	Current	Current	Current	Current	20,569	361,239	355,622	512,078	10.54%	dns	dns	88.11
SAMELCO I	112,775	51,048	100.00	Current	Current	Current	Current	34,043	412,092	425,993	441,455	6.03%	dns	dns	100.00
SAMELCO II	115,842	65,178	96.79	Current	Current	Current	N/A	3,540	945,352	933,263	869,871	10.83%	dns	dns	99.12
ESAMELCO	142,293	71,841	100.00	Current	Current	Current	dns	3,559	1,269,686	1,219,354	1,254,522	11.67%	dns	dns	99.84
Region IX - Zamboanga Peninsula															
ZANECO	110,847	176,681	96.48	Res.Current	Current	Current	Current	19,775	1,035,758	1,084,439	957,620	10.24%	8.03	7.44	82.45
ZAMSURECO I	371,820	191,255	99.50	Current	Current	Current	Current	39,388	1,833,795	1,761,606	1,684,299	12.43%	4.81	351.79	86.89
Region X - Northern Mindanao															
MOELCI I	67,131	51,595	97.95	Current	Current	Current	Current	2,537	278,471	276,133	272,080	13.81%	3.99	439.42	100.00
MOELCI II	140,368	125,821	95.56	Current	Current	N/A	N/A	7,412	353,893	370,076	332,973	10.23%	dns	dns	100.00
MORESCO I	288,167	248,239	94.35	Current	Current	Current	dns	7,935	1,735,961	1,706,011	1,562,843	5.05%	4.08	226.05	100.00
MORESCO II	270,423	114,963	93.49	Arrears	Current	Current	Arrears	24,973	418,497	519,653	606,542	9.83%	1.68	164.95	96.69
BUSECO	137,989	138,647	98.56	Current	Current	Current	Current	70,477	1,341,815	1,300,148	1,110,371	9.86%	0.00	0.23	100.00
CAMELCO	28,033	20,057	99.10	Arrears	Current	Current	Current	16,427	387,896	373,733	349,450	13.50%	4.71	251.68	100.00
LANECO	55,655	83,674	96.89	Current	Current	Current	Current	6,546	449,120	459,313	431,718	12.62%	0.00	0.00	88.46
Region XI - Davao Region															
DORECO	36,323	94,239	93.63	Current	Current	Current	Current	20,479	600,542	566,738	540,848	13.22%	0.00	0.00	93.55
DASURECO	396,516	269,828	94.40	Res.Current	Current	Current	Current	41,573	2,355,718	2,345,250	2,007,942	9.70%	7.59	6.81	89.40
Region XII - SOCCSKSARGEN															
COTELCO	282,839	161,818	94.95	Current	Current	Current	Current	12,120	1,685,458	1,621,733	1,638,506	9.82%	dns	dns	95.49
COTELCO-PPALMA	80,519	72,396	97.74	Current	Current	Current	dns	9,164	454,702	487,774	603,650	10.42%	dns	dns	63.27
SOCOTECO I	607,559	206,827	100.00	Current	Current	Current	Current	18,964	1,496,332	1,462,002	1,412,988	13.35%	4.89	221.37	82.62
SOCOTECO II	395,978	588,148	91.65	Current	Current	Current	Current	22,451	2,009,643	1,978,747	1,774,039	7.82%	dns	dns	87.90
SUKELCO	207,622	138,800	89.28	Current	Current	Current	Current	43,214	1,401,625	1,452,650	1,425,909	10.30%	dns	dns	94.31
ARMM - Autonomous Region in Muslim Mindanao															
SIASELCO	8,102	3,108	69.65	Current	N/A	Current	dns	1,573	94,141	88,528	100,739	10.22%	dns	dns	24.81
Region XIII - CARAGA															
SIARELCO	127,486	26,119	100.00	Current	Current	Current	dns	13,167	368,225	351,173	326,252	7.83%	1.69	251.39	100.00
SURSECO II	110,435	71,365	98.69	Current	Current	Current	Current	28,009	490,345	464,384	390,336	10.98%	dns	dns	100.00

Note: * - In Thousand Pesos

Appendix A: Electric Cooperatives Performance Assessment Sheet

Yellow-2 Electric Cooperatives Performance Assessment Sheet

Electric Cooperatives	Cash General Fund		Collection Efficiency (%)	Accounts Payable				Result of Financial Operation (Before RFSC)*	Net Worth			System Loss (%)	System Reliability		Energization Level (%)
	Working Capital Fund*	One Month Working Capital Requirement*		Power		Financial Institutions			2021 Net Worth*	2020 Net Worth*	2019 Net Worth*		SAIFI	SAIDI	
				GENCO	NGCP	NEA	BANKS								
Region II - Cagayan Valley															
BATANELCO	dns	dns	dns	Current	N/A	Current	dns	dns	dns	368,632	352,381	0.65%	dns	dns	100.00
CAR - Cordillera Administrative Region															
IFELCO	16,095	22,888	86.98	Arrears	Current	Arrears	Current	2,660	565,595	566,088	551,573	13.23%	dns	dns	100.00
KAELCO	79,961	41,605	75.47	Current	Current	Current	dns	-16,852	651,831	681,974	633,394	16.53%	dns	dns	92.03
Region III - Central Luzon															
ZAMSURECO II	30,238	111,504	92.84	Res.Arrears	Current	Current	Current	-39,040	-10,785	29,094	309,173	22.43%	dns	dns	71.53
ZAMCELCO	1,379,299	419,259	90.74	Arrears	Current	Current	N/A	-89,023	1,440,911	1,656,349	2,020,998	23.75%	dns	dns	80.55
Region X - Northern Mindanao															
FIBECO	218,301	172,854	93.13	Arrears	Current	Current	Current	-12,661	1,097,915	736,649	802,031	13.99%	dns	dns	97.21
Region XI - Davao Region															
DANECO	424,526	376,164	58.11	Res.Arrears	Current	Current	dns	-57,757	1,986,736	2,083,922	2,103,842	14.08%	5.04	5.02	75.41
ARMM - Autonomous Region in Muslim Mindanao															
CASELCO	dns	dns	dns	Res.Arrears	N/A	Current	dns	dns	dns	dns	dns	dns	dns	dns	67.42
MAGELCO	30,730	36,230	34.78	Arrears	Arrears	Arrears	dns	106,433	1,507,917	1,040,441	-373,183	8.25%	dns	dns	36.20

Note: * - In Thousand Pesos

Appendix A: Electric Cooperatives Performance Assessment Sheet

Red Electric Cooperatives Performance Assessment Sheet															
Electric Cooperatives	Cash General Fund		Collection Efficiency (%)	Accounts Payable				Result of Financial Operation (Before RFSC)*	Net Worth			System Loss (%)	System Reliability		Energization Level (%)
	Working Capital Fund*	One Month Working Capital Requirement*		Power		Financial Institutions			2021 Net Worth*	2020 Net Worth*	2019 Net Worth*		SAIFI	SAIDI	
				GENCO	NGCP	NEA	BANKS								
CAR - Cordillera Administrative Region															
ABRECO	dns	dns	dns	Res.Arrears	Current	Current	dns	dns	27,574	-44,578	16.09%	dns	dns	100.00	
Region V - Bicol Region															
ALECO	dns	dns	dns	Arrears	Arrears	Arrears	N/A	dns	dns	-1,254,533	-1,004,703	dns	dns	99	
MASELCO	49,174	66,095	96	Arrears	N/A	Current	dns	20,709	337,130	262,140	322,010	0	11	910	65
ARMM - Autonomous Region in Muslim Mindanao															
TAWELCO	16,980	21,880	29	Arrears	N/A	Current	dns	-51,453	-1,222,995	-1,189,383	dns	0	12	0	22
SULECO	132,899	24,821	37	Arrears	N/A	Current	N/A	17,730	-756,605	-772,333	-849,903	0	dns	dns	26
BASELCO	35,754	32,929	61	Arrears	N/A	Current	N/A	-30,888	-1,838,205	-1,811,543	-1,444,361	0	dns	dns	52
LASURECO	260	63,252	22	Arrears	Arrears	Arrears	dns	-323,484	-1,613,762	-1,282,258	dns	1	dns	dns	60

Appendix B: System Reliability Indices

Electric Cooperatives	SAIFI	STATUS	SAIDI	STATUS
Region I				
INEC	8.10	C	585.48	C
ISECO	dns	NC	dns	NC
LUELCO	0.91	C	96.47	C
PANELCO I	dns	NC	dns	NC
CENPELCO	4.06	C	3,156.56	NC
PANELCO III	0.65	C	0.04	C
Region II				
BATANELCO	0.26	C	33.79	C
CAGELCO I	dns	NC	dns	NC
CAGELCO II	dns	NC	dns	CN
ISELCO I	0.86	C	28.99	C
ISELCO II	2.84	C	101.76	C
NUVELCO	8.60	C	380.14	C
QUIRELCO	dns	NC	dns	NC
CAR				
ABRECO	dns	NC	dns	NC
BENECO	6.34	C	948.44	C
IFELCO	dns	NC	dns	NC
KAELCO	dns	NC	dns	NC
MOPRECO	3.10	C	231.92	C
Region III				
AURELCO	1.51	C	135.34	C
TARELCO I	7.10	C	306.06	C
TARELCO II	1.91	C	61.65	C
NEECO I	8.66	C	469.70	C
NEECO II – AREA 1	05.13	C	434.13	C
NEECO II – AREA 2	0.60	C	25.87	C
SAJELCO	dns	NC	dns	NC
PRESCO	2.17	C	240.53	C
PELCO I	0.73	C	26.46	C
PELCO II	4.27	C	0.43	C
PELCO III	1.86	C	41.91	C
PENELCO	0.92	C	65.32	C
ZAMECO I	7.47	C	457.98	C
ZAMECO II	1.45	C	34.32	C

Note: C – Compliant, NC – Non-Compliant

Appendix B: System Reliability Indices

Electric Cooperatives	SAIFI	STATUS	SAIDI	STATUS
Region IV-A				
FLECO	1.26	C	55.42	C
BATELEC I	0.97	C	170.97	C
BATELEC II	2.70	C	116.73	C
QUEZELCO I	1.60	C	258.73	C
QUEZELCO II	0.95	C	142.36	C
Region IV-B				
LUBELCO	6.67	C	457.50	C
OMECO	dns	NC	dns	NC
ORMECO	12.28	C	683.80	C
MARELCO	7.49	C	572.13	C
TIELCO	2.71	C	116.04	C
ROMELCO	2.41	C	69.18	C
BISELCO	dns	NC	dns	NC
PALECO	9.21	C	694.73	C
Region V				
CANORECO	dns	NC	dns	NC
CASURECO I	dns	NC	dns	NC
CASURECO II	6.31	NC	2.38	C
CASURECO III	3.42	C	150.28	C
CASURECO IV	0.41	C	29.19	C
ALECO	dns	NC	dns	NC
SORECO I	6.42	C	421.00	C
SORECO II	3.78	C	244.08	C
FICELCO	dns	NC	dns	NC
MASELCO	11.33	C	910.10	C
TISELCO	6.83	C	53.40	C
Region VI				
AKELCO	6.77	C	0.53	C
ANTECO	dns	NC	dns	NC
CAPELCO	2.28	C	101.42	C
ILECO I	3.42	C	36.98	C
ILECO II	9.37	C	440.49	C
ILECO III	4.01	C	87.98	C
GUIMELCO	1.08	C	76.32	C
NONECO	dns	NC	dns	NC
CENECO	3.67	C	1,482.29	NC
NOCECO	2.21	C	153.72	C

Note: C – Compliant, NC – Non-Compliant

Appendix B: System Reliability Indices

Electric Cooperatives	SAIFI	STATUS	SAIDI	STATUS
Region VII				
NORECO I	11.96	C	736.49	C
NORECO II	6.81	C	268.25	C
BANELCO	0.00	C	311.56	C
CEBECO I	2.34	C	148.47	C
CEBECO II	0.38	C	26.95	C
CEBECO III	1.20	C	756.39	NC
PROSIELCO	10.06	C	584.99	C
CELCO	3.98	C	94.01	C
BOHECO I	2.90	C	231.34	C
BOHECO II	2.14	C	136.70	C
Region VIII				
DORELCO	3.68	C	188.24	C
LEYECO II	0.69	C	30.55	C
LEYECO III	0.00	C	9.01	C
LEYECO IV	4.15	C	268.19	C
LEYECO V	dns	NC	dns	NC
SOLECO	5.75	C	543.47	C
BILECO	4.31	C	254.37	C
NORSAMELCO	dns	NC	dns	NC
SAMELCO I	dns	NC	dns	NC
SAMELCO II	dns	NC	dns	NC
ESAMELCO	dns	NC	dns	NC
Region IX				
ZANECO	8.03	C	7.44	C
ZAMSURECO I	4.81	C	351.79	C
ZAMSURECO II	dns	NC	dns	NC
ZAMCELCO	dns	NC	dns	NC
Region X				
MOELCI I	3.99	C	439.42	C
MOELCI II	dns	NC	dns	NC
MORESCO I	4.08	C	226.05	C
MORESCO II	1.68	C	164.95	C
FIBECO	dns	NC	dns	NC
BUSECO	0.00	C	0.23	C
CAMELCO	4.71	C	251.68	C
LANECO	0.00	C	0.00	C

Note: C – Compliant, NC – Non-Compliant

Appendix B: System Reliability Indices

Electric Cooperatives	SAIFI	STATUS	SAIDI	STATUS
Region XI				
DORECO	0.00	C	0.00	C
DANECO	5.04	C	5.02	C
DASURECO	7.59	C	6.81	C
Region XII				
COTELCO	dns	NC	dns	NC
COTELCO-PPALMA	dns	NC	dns	NC
SOCOTECO I	4.89	C	221.37	C
SOCOTECO II	dns	NC	dns	NC
SUKELCO	dns	NC	dns	NC
ARMM				
TAWELCO	11.63	NC	0.21	C
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	dns	NC	dns	NC
CARAGA				
ANECO	4.25	C	229.47	C
ASELCO	6.20	C	249.83	C
SURNECO	3.28	C	240.73	C
SIARELCO	1.69	C	251.39	C
DIELCO	2.49	C	0.01	C
SURSECO I	3.44	C	487.81	C
SURSECO II	dns	NC	dns	NC

Note: C – Compliant, NC – Non-Compliant

Appendix C: Institutional Rating Compliance Table

Electric Cooperatives	Institutional Rating	Color Classification
Region I		
INEC	88	Yellow-1
ISECO	89	Yellow-1
LUELCO	100	Green
PANELCO I	71	Yellow-1
CENPELCO	84	Yellow-1
PANELCO III	97	Green
Region II		
BATANELCO	37	Yellow-2
CAGELCO I	97	Yellow-1
CAGELCO II	90	Yellow-1
ISELCO I	97	Green
ISELCO II	80	Yellow-1
NUVELCO	79	Yellow-1
QUIRELCO	87	Yellow-1
CAR		
ABRECO	71	Red
BENECO	83	Yellow-1
IFELCO	87	Yellow-2
KAELCO	76	Yellow-2
MOPRECO	99	Green
Region III		
AURELCO	93	Yellow-1
TARELCO I	95	Yellow-1
TARELCO II	100	Green
NEECO I	100	Green
NEECO II – AREA 1	100	Green
NEECO II – AREA 2	93	Green
SAJELCO	80	Yellow-1
PRESCO	100	Green
PELCO I	100	Green
PELCO II	93	Yellow-1
PELCO III	82	Yellow-1
PENELCO	87	Yellow-1
ZAMECO I	100	Green
ZAMECO II	100	Yellow-1

Appendix C: Institutional Rating Compliance Table

Electric Cooperatives	Institutional Rating	Color Classification
Region IV-A		
FLECO	96	Green
BATELEC I	100	Yellow-1
BATELEC II	100	Green
QUEZELCO I	100	Yellow-1
QUEZELCO II	100	Green
Region IV-B		
LUBELCO	87	Yellow-1
OMECO	93	Yellow-1
ORMECO	86	Yellow-1
MARELCO	100	Yellow-1
TIELCO	100	Green
ROMELCO	97	Yellow-1
BISELCO	85	Yellow-1
PALECO	77	Yellow-1
Region V		
CANORECO	88	Yellow-1
CASURECO I	100	Yellow-1
CASURECO II	97	Yellow-1
CASURECO III	100	Yellow-1
CASURECO IV	100	Green
ALECO	52	Red
SORECO I	73	Yellow-1
SORECO II	90	Yellow-1
FICELCO	96	Yellow-1
MASELCO	88	Red
TISELCO	63	Yellow-1
Region VI		
AKELCO	90	Yellow-1
ANTECO	96	Yellow-1
CAPELCO	95	Yellow-1
ILECO I	95	Green
ILECO II	90	Green
ILECO III	100	Green
GUIMELCO	100	Green
NONECO	100	Yellow-1
CENECO	100	Yellow-1
NOCECO	100	Yellow-1

Appendix C: Institutional Rating Compliance Table

Electric Cooperatives	Institutional Rating	Color Classification
Region VII		
NORECO I	84	Yellow-1
NORECO II	77	Yellow-1
BANELCO	100	Green
CEBECO I	100	Green
CEBECO II	100	Green
CEBECO III	100	Green
PROSIELCO	100	Green
CELCO	95	Yellow-1
BOHECO I	99	Green
BOHECO II	100	Green
Region VIII		
DORELCO	74	Green
LEYECO II	94	Green
LEYECO III	100	Green
LEYECO IV	100	Green
LEYECO V	86	Yellow-1
SOLECO	99	Yellow-1
BILECO	96	Yellow-1
NORSAMELCO	95	Yellow-1
SAMELCO I	97	Yellow-1
SAMELCO II	90	Yellow-1
ESAMELCO	95	Yellow-1
Region IX		
ZANECO	90	Yellow-1
ZAMSURECO I	97	Yellow-1
ZAMSURECO II	92	Yellow-2
ZAMCELCO	79	Yellow-2
Region X		
MOELCI I	85	Yellow-1
MOELCI II	90	Yellow-1
MORESCO I	86	Yellow-1
MORESCO II	95	Yellow-1
FIBECO	85	Yellow-2
BUSECO	100	Yellow-1
CAMELCO	92	Yellow-1
LANECO	97	Yellow-1

Appendix C: Institutional Rating Compliance Table

Electric Cooperatives	Institutional Rating	Color Classification
Region XI		
DORECO	89	Yellow-1
DANECO	97	Yellow-2
DASURECO	90	Yellow-1
Region XII		
COTELCO	100	Yellow-1
COTELCO-PPALMA	77	Yellow-1
SOCOTECO I	100	Yellow-1
SOCOTECO II	100	Yellow-1
SUKELCO	97	Yellow-1
ARMM		
TAWELCO	25	Red
SIASELCO	63	Yellow-1
SULECO	76	Red
BASELCO	45	Red
CASELCO	17	Yellow-2
LASURECO	76	Red
MAGELCO	71	Yellow-2
Region XIII		
ANECO	99	Green
ASELCO	100	Green
SURNECO	97	Green
SIARELCO	100	Yellow-1
DIELCO	90	Green
SURSECO I	100	Green
SURSECO II	96	Yellow-1

Appendix D: Energization Level Table

Electric Cooperatives	Energization Level	Color Classification
Region I		
INEC	100.00	Yellow-1
ISECO	100.00	Yellow-1
LUELCO	100.00	Green
PANELCO I	100.00	Yellow-1
CENPELCO	100.00	Yellow-1
PANELCO III	100.00	Yellow-1
Region II		
BATANELCO	100.00	Yellow-2
CAGELCO I	100.00	Yellow-1
CAGELCO II	99.24	Yellow-1
ISELCO I	100.00	Green
ISELCO II	100.00	Yellow-1
NUVELCO	100.00	Yellow-1
QUIRELCO	100.00	Yellow-1
CAR		
ABRECO	100.00	Red
BENECO	98.77	Green
IFELCO	100.00	Yellow-1
KAELCO	92.03	Yellow-1
MOPRECO	100.00	Yellow-1
Region III		
AURELCO	100.00	Yellow-1
TARELCO I	100.00	Yellow-1
TARELCO II	100.00	Green
NEECO I	100.00	Green
NEECO II – AREA 1	100.00	Green
NEECO II – AREA 2	100.00	Green
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

Electric Cooperatives	Energization Level	Color Classification
Region IV-A		
FLECO	100.00	Green
BATELEC I	100.00	Yellow-1
BATELEC II	100.00	Green
QUEZELCO I	90.03	Yellow-1
QUEZELCO II	88.07	Green
Region IV-B		
LUBELCO	100.00	Yellow-1
OMECO	87.07	Yellow-1
ORMECO	100.00	Yellow-1
MARELCO	100.00	Yellow-1
TIELCO	100.00	Green
ROMELCO	100.00	Yellow-1
BISELCO	93.89	Yellow-1
PALECO	85.66	Yellow-1
Region V		
CANORECO	100.00	Yellow-1
CASURECO I	100.00	Yellow-1
CASURECO II	100.00	Yellow-1
CASURECO III	100.00	Yellow-1
CASURECO IV	100.00	Green
ALECO	99.40	Red
SORECO I	100.00	Yellow-1
SORECO II	100.00	Yellow-1
FICELCO	100.00	Yellow-1
MASELCO	64.79	Red
TISELCO	91.35	Yellow-1
Region VI		
AKELCO	100.00	Yellow-1
ANTECO	100.00	Yellow-1
CAPELCO	100.00	Yellow-1
ILECO I	100.00	Green
ILECO II	91.94	Green
ILECO III	97.54	Green
GUIMELCO	99.20	Green
NONECO	91.30	Yellow-1
CENECO	100.00	Yellow-1
NOCECO	81.99	Yellow-1

Appendix D: Energization Level Table

Electric Cooperatives	Energization Level	Color Classification
Region VII		
NORECO I	76.35	Yellow-1
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
Region VIII		
DORELCO	97.24	Green
LEYECO II	100.00	Green
LEYECO III	100.00	Green
LEYECO IV	100.00	Green
LEYECO V	96.78	Yellow-1
SOLECO	100.00	Yellow-1
BILECO	100.00	Yellow-1
NORSAMELCO	88.11	Yellow-1
SAMELCO I	100.00	Yellow-1
SAMELCO II	99.12	Yellow-1
ESAMELCO	99.84	Yellow-1
Region IX		
ZANECO	82.45	Yellow-1
ZAMSURECO I	86.89	Yellow-1
ZAMSURECO II	71.53	Yellow-2
ZAMCELCO	80.55	Yellow-2
Region X		
MOELCI I	100.00	Yellow-1
MOELCI II	100.00	Yellow-1
MORESCO I	100.00	Yellow-1
MORESCO II	96.69	Yellow-1
FIBECO	97.21	Yellow-2
BUSECO	100.00	Yellow-1
CAMELCO	100.00	Yellow-1
LANECO	88.46	Yellow-1

Appendix D: Energization Level Table

Electric Cooperatives	Energization Level	Color Classification
Region XI		
DORECO	93.55	Yellow-1
DANECO	75.41	Yellow-2
DASURECO	89.40	Yellow-1
Region XII		
COTELCO	95.49	Yellow-1
COTELCO-PPALMA	63.27	Yellow-1
SOCOTECO I	82.62	Yellow-1
SOCOTECO II	87.90	Yellow-1
SUKELCO	94.31	Yellow-1
ARMM		
TAWELCO	21.82	Red
SIASELCO	24.81	Yellow-1
SULECO	26.19	Red
BASELCO	52.03	Red
CASELCO	67.42	Yellow-2
LASURECO	60.49	Red
MAGELCO	36.20	Yellow-2
Region XIII		
ANECO	100.00	Green
ASELCO	100.00	Green
SURNECO	100.00	Green
SIARELCO	100.00	Yellow-1
DIELCO	100.00	Green
SURSECO I	100.00	Green
SURSECO II	100.00	Yellow-1

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

Region V

Bicol Region

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

Region VI

Western Visayas

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

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

Region XII

SOCCKSARGEN

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

ARMM

Autonomous Region in Muslim Mindanao

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

Region XIII

Caraga Administrative Region

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