



**Semi-Annual Report on the
Initiatives and Activities on
Rural Electrification
For the Second Semester of 2019**



National
Electrification
Administration

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**SEMI-ANNUAL REPORT ON THE INITIATIVES AND ACTIVITIES ON
RURAL ELECTRIFICATION AND NEA INTERVENTION ON AILING ECs**
For the Second Semester of 2019

I. INTRODUCTION

It is the national policy as stated in Section 2 of the Republic Act No. 10531, otherwise known as the National Electrification Administration Act of 2013 to promote sustainable development in the rural areas through rural electrification. It also empowers and strengthens the National Electrification Administration (NEA) to pursue the electrification program and bring electricity, through the electric cooperatives as its implementing arm, to the countryside even in missionary or economically unviable areas and to empower and enable electric cooperatives to cope with the changes brought about by the restructuring of the electric power industry.

Likewise, under Section 29 of RA 10531 Implementing Rules and Regulations (IRR) to enhance the effectiveness of the Joint Congressional Energy Commission (JCEC) in the exercise of its oversight function, the NEA Board of Administrators shall submit to the JCEC a semi-annual report on the initiatives and activities on rural electrification, including the supervision of the NEA over the electric cooperatives in the performance of their franchise obligations.

This report summarizes the status of the NEA's initiatives and activities on rural electrification, and interventions extended to the electric cooperatives in the performance of their franchise obligations.

II. EXECUTIVE SUMMARY

The highlights of the NEA's accomplishments on the initiatives and activities on rural electrification for the year 2019.

The National Electrification Administration introduced the Strategized Total Electrification Program (STEP) to accelerate and integrate all projects on rural electrification. These include Expanded Sitio Electrification Program, Barangay Line Enhancement Program and Expanded Household Electrification Program for on-grid and off-grid areas.

In line with the above program, the NEA and the electric cooperatives completed and energized 1,085 compared to the targeted 962 sitios from January to December 2019.

The Expanded SEP serves as one of the catalyst which lighted up 586,144 consumers out of the planned 460,000. It was 27% higher than the target. To date, cumulative total was at 13.626 million connections or 95% of the total potential.

Rural Electrification Program, just like any other government infrastructure programs like roads and bridges, is being funded by the government through subsidy funds. For the second semester of 2019, a total of PhP 1,334 million was released to 69 electric cooperatives for this purpose. This effected a total released of PhP 1.92 B in 2019.

With the introduction of STEP, the electric cooperatives can also source their electrification funds from other sources such as Energy Regulation No. 1-94 (ER 1-94, local government funds, reinvestment and loan funds, EC internally generated fund, funds from the private sectors (qualified third party and new power provider) and grants/donations from local and foreign investors and big private companies and corporations.

Under Section 5(o) of Republic Act 10531 on granting loans to the electric cooperatives, the NEA released a total of PhP 715.02 million in 2019.

Another major service of NEA is the intensification of capacity building programs. For 2019, ninety-one (91) training and certification programs were being conducted, upgrading the level of competency of 718 NEA and 3,057 EC management and staff in the latest technology, innovations and best practices in the applications of laws and principles.

To ensure success in the implementation of plans, programs, targets and provide guidance and directions to ECs to further improve their overall performance, eleven (11) policies and guidelines, five of which were approved during the second semester of 2019, have been formulated, approved by the NEA Board of Administrators and issued to the electric cooperatives.

To accelerate rural electrification in remote and off-grid areas, NEA promotes the development of renewable energy-based resources. In 2019, the NEA partnered with the European Union through its Access to Sustainable Energy Program (EU-ASEP) for Solar PV Mainstreaming (PVM) Program. The program comes in two (2) phases: first was under PVM Window 1 which energized 10,000 households in four (4) ECs through Solar Home System (SHS); and second was under PVM Window 2 which will energize additional 30,500 households in six (6) ECs. For the second phase, a workshop was conducted on December 11, 2019 in SOCOTECO II Head Office in General Santos City and discussed the program details such as technical specification, project preparation, procurement, installation and verification.

Moreover, the NEA conducted series of information, education and communication campaign educating the electric cooperatives on implementing rules, policy and guidelines on Renewable Energy Program such as Seminar-Workshop on Net-Metering Program and Distribution Impact Study and Introduction of Renewable Energy and Seminar-Workshops on Simplified Planning Tool (SPT) for Renewable Energy-Diesel Hybrid Program. Other renewable energy related activities are preparation of feasibility study for the Hybridization of Existing Diesel Power Plants with Renewable Energy and Battery and assistance in the Zero Waste Mass Water Project.

The assessment of the EC performance based on the Guidelines on EC Classification and NEA Intervention improved in 2019. Based on the evaluation, there are eighty (80) ECs evaluated as Green from sixty-five in 2018. Of the remaining forty-one (41) ECs, twenty-seven (27) are Yellow 1, six (6) Yellow 2 and eight (8) remained under Class Red or ailing/underperforming ECs.

This report also highlighted the status of electric cooperatives under private sector participation (PSP). These include APEC/ALECO, PELCO II and ZAMCELCO and the status of ailing or critically challenged ECs.

Based on the evaluation made on the previous quarters, the nine (9) ailing ECs were reduced to eight (8). These include ABRECO, ALECO, MASELCO, TISELCO, LASURECO, BASELCO, SULECO and TAWELCO.

The NEA Board of Administrators during its Regular Board Meeting on December 2019 approved the delisting of CASURECO III from the list of Ailing ECs.

To ensure that these ECs provide better services to their member-consumer-owners and to prevent further deterioration of the ECs operations, the NEA has done the following interventions:

1. Assignment of Acting General Managers and Project Supervisors
2. Organization of Task Force Duterte Power
3. Appointment of NEA representatives to the EC BOD and installation of Executive Officer
4. Formulation and issuance of new and relevant policies and guidelines
5. Round Table Assessment
6. Review and approval of Strategic Development Plan (SDP), Sustainability Plan (SP) and Operation Improvement Plan (OIP)
7. Monitoring and evaluation of accomplishment reports versus the approved Plans (SDP, SP, and OIP) to ensure that all projects are properly and efficiently implemented
8. Capacity Building to enhance EC staff in financial, technical, institutional aspects in managing electric distribution utilities
9. Assistance in the Comprehensive Selection Process for New Power Provider
10. Comprehensive EC Audit
11. Annual and Quarterly EC Performance Assessment
12. Service facilities
 - a. Loan and Guarantee Service
 - b. Institutional Strengthening and Technical Assistance

III. DETAILS OF THE INITIATIVES AND ACTIVITIES ON RURAL ELECTRIFICATION

1. Status of Rural Electrification Program

Rural Electrification Program is the primary mandate of NEA and the electric cooperatives. This was clearly defined in Section 2 of Republic Act No.10531 or the NEA Reform Act of 2013 that the Program is one of the basic requirements in the promotion of sustainable development in the countryside even in missionary or economically unviable areas.

The program is aligned with President Duterte's agenda of "Access to Electricity for All" and the Department of Energy's vision that all Filipinos should have access to basic electricity by 2020.

In the NEA's 7 point agenda, number one priority is the completion of the National Rural Electrification Program and to carry out rural development through the Rural Electrification Program. The by-word is to accelerate program implementation towards achieving 100% electrification.

To support the above agenda, the NEA established and revised its current programs into a comprehensive "Strategized Total Electrification Program (STEP). It integrates various electrification programs, to include the following:

1. Expanded Sitio Electrification Program (Expanded SEP);
2. Barangay Line Enhancement Program (BLEP); and
3. Expanded Household Electrification Program (Expanded HHEP) for on-grid and off-grid areas.

As of base year, accounted total unenergized sitios were 22,385. This will be implemented until the end of 2022.

For the year 2019, the NEA and the electric cooperative mapped out to energize 962 sitios. The ECs had implemented total of 1,085, 123 higher than was targetted. Compared with the target, the level of accomplishment was 113%. Mindanao energized the most with 439, followed by Luzon with 365 and Visayas with 281 sitios. Among regions the highest was in Region XI with 142.

Below is the table showing the implementation summary per region.

Status of 2019 Sitio Electrification Program

LUZON		VISAYAS		MINDANAO	
I	21	VI	132	IX	25
II	49	VII	126	X	44
CAR	27	VIII	23	XI	142
III	2			XII	118
IV-A	14			ARMM	44
MIMAROPA	138			CARAGA	66
V	114				
TOTAL	365	TOTAL	281	TOTAL	439
GRAND TOTAL		1,085			

Please refer to Annex A for specifics

In terms of consumers, there are still remaining 1.875 million without electricity as of December 31, 2019. The plan is 100% household energization before the end of President Rodrigo R. Duterte's term.

In 2019, the target for expanded household electrification is to light up 460,000 consumers. From January to December 2019, electric service was extended to 586,144 consumer or 127% of the target. Majority of the consumer connections was done by the Luzon ECs with 225,663 or 38% of the total accomplishments, followed by Visayas with 181,605 or 31% and Mindanao with 178,876 or 31%.

This brought to a cumulative total of 13.625 million connections or 95% of the total potential consumers. By the end of 2019, six (6) Regions attained 100% electrification of their franchise areas. They are Regions I, II, III, IV-A, VII and CARAGA. They are followed by Regions CAR, VIII and X at 99%. This will give more opportunities for Filipinos, specifically the rural folks, economic uplift and for the communities, socio-economic development.

Status of 2019 Consumer Connections

LUZON		VISAYAS		MINDANAO	
I	38,884	VI	64,798	IX	28,214
II	24,086	VII	48,822	X	36,547
CAR	10,451	VIII	67,985	XI	24,994
III	57,412			XII	56,976
IV-A	25,000			ARMM	1,851
MIMAROPA	25,062			CARAGA	30,294
V	44,768				
TOTAL	225,663	TOTAL	181,605	TOTAL	178,876
GRAND TOTAL		586,144			

2. Status of Subsidy Fund Release

With the objective of accelerating Rural Electrification Program, funds were sourced from the national government through subsidy funds. These will finance projects for Sitio Electrification, Barangay Line Enhancement and initial fund for housewiring of lifeline consumers.

For the year 2019, total fund released was **PhP 1.920 billion**, PhP 1.313 billion pesos less from 2018 allocated funds. Below is the matrix comparing subsidy releases from the previous year versus the current year breakdown into three major island groups.

Major Island	2018 vs 2019 releases (Php million)			
	2019	2018	Difference	Percentage Change
Luzon	650.974	907.84	-256.866	(0.28)
Visayas	412.209	1,006.23	-594.021	(0.59)
Mindanao	856.877	1,319.79	-462.913	(0.35)
National	1,920.06	3,233.86	-1313.800	(0.41)

Major Island	Total Subsidy Released in 2019 (PhP million)		
	1 st semester	2 nd semester	Total
Luzon	279.958	371.016	650.974
Visayas	130.781	281.428	412.209
Mindanao	175.392	681.485	856.877
National	586.131	1,333.929	1,920.060

For the period July to December 2019, a total of PhP 1,333.929 million subsidy fund was released to 69 electric cooperatives. Highest recipients were ECs in Mindanao with PhP 681.48 million. Among regions, ARMM got the big share of PhP 210.296 million, followed by Region XI with PhP 178.798 million and Region VI with PhP 166.620 million total fund releases.

Region	Amount (PhP)	Region	Amount (PhP)	Region	Amount (PhP)
I	22,778,005.02	VI	166,620,533.91	IX	65,817,037.37
II	40,255,134.90	VII	76,381,926.58	X	44,734,817.33
CAR	10,000,000.00	VIII	38,425,844.23	XI	178,798,442.90
III	13,564,169.17			XII	68,894,486.19
IV-A	38,618,501.14			ARMM	210,296,273.40
MIMAROPA	100,836,274.07			CARAGA	112,943,747.59
V	144,964,100.80				
LUZON	371,016,185.10	VISAYAS	281,428,304.72	MINDANAO	681,484,804.78
GRAND TOTAL					1,333,929,294.60

Please refer to Annex B for specifics

With the introduction of the Strategized Total Electrification Program (STEP), in response to the national government agenda of Energy for All or 100% energization by 2022 and to accelerate total electrification, the electric cooperatives can also sourced their electrification funds from ER 1-94, funds from local government units, reinvestment fund, loan fund, EC internally generated fund, private sector through qualified third party/new power provider, grants and donations from local and foreign investors and big private companies and corporations.

3. Release of Loans and Credit Accommodation to Electric Cooperatives

Under PD 269 and Section 5(o) of RA 10531 on granting loans to the electric cooperatives, the NEA processed and approved loan applications of 32 electric cooperatives amounting to PhP 715 million for the year 2019. PhP 680 Million were released as CAPEX constituting 95% of the total loans, while the Standby Credit loans took up 4% (PhP 25 Million) and the remaining 1% (PhP 10 Million) as Calamity Loans.

Below is the comparison of loans released in 2019 versus the previous year broken down into three major island groups. Observable was the big drop in the amount extended to the electric cooperatives at a deficit of PhP 1.359 billion or 66% lower that the 2018 released loans.

Major Island	2018 vs 2019 Loans (Php Million)			
	2019	2018	Difference	Percentage Change
Luzon	295.932	1,030.02	(734.09)	(71%)
Visayas	54.476	276.87	(222.39)	(80%)
Mindanao	364.616	768.01	(403.39)	(53%)
National	715.024	2,074.90	(1,359.88)	(66%)

Table below shows the total loan releases to ECs in major islands, with Mindanao receiving more than half of the total loans with 51%, Luzon gathered a substantial 41%, while Visayas received the least with 8%.

Major Island	Total Loan Released in 2019 (PhP)			
	1 st semester	2 nd semester	Total	Percentage
Luzon	182.58	113.35	295.93	41
Visayas	10.00	44.48	54.48	8
Mindanao	212.49	152.12	364.61	51
National	405.07	309.95	715.02	100

Please refer to Annex C for specifics

**Status of Regional Summary of Loan Facilitated for the
Second Semester of 2019**

REGION	CAPEX LOAN	STCF/SCF	TOTAL
I	20,875,460.00	-	20,875,460.00
II	16,837,103.00	-	16,837,103.00
CAR	-	-	-
III	13,488,175.61	-	13,488,175.61
IV	-	-	-
MIMAROPA	2,499,608.66	-	2,499,608.66
V	54,652,837.60	5,000,000.00	59,652,837.60
LUZON	108,353,184.87	5,000,000.00	113,353,184.87
VI	30,000,000.00	-	30,000,000.00
VII	8,899,175.83	-	8,899,175.83
VIII	5,577,481.26	-	5,577,481.26
VISAYAS	44,476,657.09	-	44,476,657.09
IX	13,116,106.22	-	13,116,106.22
X	12,840,668.05	-	12,840,668.05
XI	15,428,250.00	-	15,428,250.00
XII	24,492,035.00	-	24,492,035.00
ARMM	65,297,686.43	-	65,297,686.43
CARAGA	20,950,000.00	-	20,950,000.00
MINDANAO	152,124,745.70	-	152,124,745.70
GRAND TOTAL	304,954,587.66	5,000,000.00	309,954,587.66

Mindanao ECs were granted the highest loans with PhP 152 million, followed by Luzon ECs with PhP 113 million. Among regions, the highest recipient was ARMM with PhP 65.297 million followed by Region V with PhP 59.652 million and Region VI with PhP 30 million.

4. Capacity Building Programs for NEA and ECs

In line with the NEA's seven (7) point agenda on the "Intensification of Capacity Building Programs for NEA and the Electric Cooperatives" and to carry out the statutory obligations for structural reforms stated in Republic Act 9136 (EPIRA) and RA 10531 (NEA Reform Act), training, certification and scholarship programs for both the NEA and ECs are being facilitated and implemented. These competency programs aim to increase competency on financial proficiency, institutional development and technical capacitation to keep the NEA and the electric cooperatives updated with globally accepted principles, best practices and latest technology.

There were 91 training programs conducted for both the NEA and EC staff. Of these, 37 were attended by the 718 NEA staff while 54 were participated by 3,057 EC personnel. Total staff capacitated were 3,775 participants for both the NEA and ECs. Below is the summary of programs facilitated by the NEA:

Corporate Training for NEA Personnel

I. Third Quarter

No.	Title	Date	No. of Participants
1	SDG's Business Verification Survey with the Private Sector for Disseminating Japanese Technologies for Electricity Distribution System and Management in Philippines (FS)	July 7-13	3
2	Mentoring and Coaching for Leaders	July 9-10	41
3	Seminar – Workshop on Mastering Withholding Taxes, VAT and Taxes for Compensation	July 24-25	38
4	Seminar on Social Media Development (LS)	July 25-26	2
5	Focus Group Discussion (FGD) on the Streaming of the Permitting Process for Power Generation, Transmission and Distribution Projects (LS)	July 25-26	3
6	Seminar – Workshop on Database Management and Data Analysis using MS Excel	July 30-31	26
7	Strategic and Critical Thinking (LS)	August 29-30	1
8	2019 Asian Utility Week (FS)	September 2-4	1
9	Seminar – Workshop on Financial Analysis and Utility Accounting	September 3-4	33
10	Capacity Enhancement of the Energy Sector on Hazard, Risk Assessment and Exposure Database Development through the Use of the Rapid Earthquake Damage Assessment System (REDAS) Software (LS)	September 1-7	2
11	Assertive Written Communication Training	September 11-12	25
12	Rules on Administrative Cases in the Civil Service (LS)	September 25- 26	4

II. Fourth Quarter

No.	Title	Date	No. of Participants
1	Cash Flow Management and Forecasting (LS)	October 2	1
2	Organization Branding Skills Lab (LS)	October 10	2
3	Seminar – Workshop on Presentation Mastery	October 22-23	25
4	HR: Conversations: Recruitment, Selection and Placement: Vying for PRIME-HRM II (LS)	October 25	4
5	Deep Dive Workshops on Energy Access Using Innovative Mini-Grid Solutions and Access Cooling and the Asia Clean Energy Summit 2019 (FS)	October 31	2
6	Transformational Leadership Training	November 5-6	26
7	Corporate Governance: Board Effectiveness Best Practices (LS)	November 8	1
8	Collection Management and Strategies (LS)	November 8	2
9	Community Organizing (LS)	November 12-15	2
10	CES Lifelong Learning for Leadership Congress (LS)	November 20-22	2
11	Seminar – Workshop on Attaining Work-Life Balance and Dealing with Multiple Generations in the Workplace	November 27-28	31
12	IIEE's 44 th Annual Convention and Expo 2019 (LS)	November 27-30	26
13	National Stakeholder' Conference on Social Dialogue, Participatory Governance sand Quality Public Services (LS)	November 28-29	1

Electric Cooperative Training

I. Third Quarter

No.	Title	Date	No. of Participants
1	Electric Power Distribution Line Construction NC II (Basic Lineworker Training Course)	July 2-30	37
2	Electric Power Distribution Line Construction NC II (Basic Lineworker Training Course)	July 8 to August 6	29
3	Seminar on Data Privacy Act and Freedom of Information	July 9-10	79
4	Seminar - Workshop on Parliamentary Procedures and Policy Formulation	July 9-10	55
5	Seminar - Workshop on Work Attitude and Values Enhancement at Workplace (WAVE-W) for EC Employees	July 16-19	101
6	Seminar-Workshop on Leadership in a Positive Environment with Emotional Intelligence	July 23-24	49
7	Power Distribution System Lineworker Enhancement Course	August 13-17	30
8	Electric Power Distribution Line Construction NC II (Basic Lineworker Training Course)	August 20 to September 17	31
9	Electric Power Distribution Line Construction NC II (Basic Lineworker Training Course)	August 20 to September 20	16
10	Seminar - Workshop on Parliamentary Procedures and Policy Formulation	August 27-28	48
11	Basic occupational Safety and Health (BOSH) Training Course	August 27-30	32
12	Seminar - Workshop on Work Attitude and Values Enhancement at Workplace (WAVE-W) for EC Employees	August 30-31	113
13	Seminar - Workshop on Philippine Electric Power Industry	September 3-4	29
14	Seminar - Workshop on Work Attitude and Values Enhancement at Workplace (WAVE-W) for EC Employees	September 12-13	150
15	Power Distribution System Lineworker Enhancement Course	September 16-20	30
16	Seminar - Workshop on Financial Analysis and Utility Accounting	September 17-18	119

17	Seminar - Workshop on Work Order Procedures	September 17-19	33
18	Basic occupational Safety and Health (BOSH) Training Course	September 17-20	39
19	Seminar - Workshop on Financial Analysis and Utility Accounting	September 24-25	100
20	Seminar - Workshop on Work Attitude and Values Enhancement at Workplace (WAVE-W) for EC Employees	September 25-26	114

II. Fourth Quarter

No.	Title	Date	No. of Participants
1	Electric Power Distribution Line Construction NC II (Basic Lineworker Training Course)	October 1-29	32
2	Electric Power Distribution Line Construction NC II (Basic Lineworker Training Course)	October 7-10 October 21 to November 22	26
3	Power Distribution System Enhancement Program (Lineworker Skills Upgrading)	October 14-18 November 11-15	100
4	Basic occupational Safety and Health (BOSH) Training Course	October 15-18	38
5	Trainers Methodology Level I Course for the Electric Power Distribution (EPD) Line Construction NC II & EPD Operation & Maintenance NC III & NC IV Trainers/Assessors	October 21-25 November 11-15 December 2-4	31
6	Media Skills Training for League of Electric Cooperatives Information and Communication Officers Nationwide (LEXICON)	October 23-25	32
7	Electric Power Distribution Line Construction NC II (Basic Lineworker Training Course)	November 11 to December 10	46
8	Seminar - Workshop on Meter Reading, Billing and Collection and Disconnection Enhancement (MRBCD)	November 12-14	53
9	Seminar - Workshop on Performance Assessment & Technical Audit	November 12-15	16
10	Seminar - Workshop on Work Attitude and Values Enhancement at Workplace	November 20-21	145

11	Seminar-Workshop on Revised Procurement Guidelines and Simplified Bidding Procedures for Electric Cooperatives IRR - RA 10531	November 27-28	30
12	Cooperative Management Course I & III (CMC I & III)	November 27-29	67
13	Seminar - Workshop on Meter Reading, Billing and Collection and Disconnection Enhancement (MRBCD)	December 3-5	90

Compared with the same period for the last five years, the NEA implemented a total of 636 training, scholarship and certification programs and capacitated a total of 21,425 NEA and ECs management and staff. Average number of participants per training conducted was 34.

Status of Capacity Building Programs for NEA and ECs for the last five (5) years

PERIOD	NEA		ECs		TOTAL		AVERAGE PARTICIPANTS
2015	53	1,344	71	3,595	124	4,939	40
2016	68	837	76	3,952	144	4,789	33
2017	64	592	58	3,162	122	3,754	31
2018	78	867	77	3,301	155	4,168	27
2019	37	718	54	3,057	91	3,775	41
TOTAL	300	4,358	336	17,067	636	21,425	34

5. Summary of Approved Policy Guidelines and Procedures for the Fulfillment of the NEA Statutory Obligations under RA 10531 and its IRR

In accordance with the expanded powers and functions under Section 5 of RA 10531 and Section 5 of its IRR the following policies and guidelines were formulated and have been approved by the NEA Board of Administrators. The purposes are to ensure fulfillment of the NEA's mandate and to provide guidance and directions to the electric cooperatives in order to improve their performance to the highest efficiency level and the success in the implementation of plans, programs and targets.

There were 5 policies and guidelines including some amendments from previously approved directives and issuances confirmed and approved by the NEA Board of Administrators during the Second Semester of 2019 and published in the UP Law Center. These brought to a total of 11 new and amended policies and guidelines issued in 2019.

	Policy/Guidelines	Date Published
1	Amended Enhanced Policy/Guidelines on Electric Cooperatives (ECs) Overall Performance Assessment	August 05, 2019
2	EC Member-Consumer-Owners Program for Empowerment (MCOPE)	August 14, 2019
3	Revised EC Model Organizational Structure	August 14, 2019
4	IRR and Rates of Expenses And Allowances For Official Local and Foreign Travels Pursuant to Executive Order No. 77, Series of 2019	August 30, 2019
5	Amendment to NEA Memorandum 2019-001 "Policy Guidelines on the Implementation of Strategized Total Electrification Program (STEP)	November 21, 2019

6. Renewable Energy Development

The NEA promotes the development of renewable energy-based resources as one of the major strategies to accelerate rural electrification program; and as an initiative to continuously implement efficient energy conservation measures. Relative to this, the following are the NEA's activities to achieve these goals:

A. NEA's Subsidized Renewable Energy Projects

1. Expanded Household Electrification Program (Expanded HHEP)

The Agency has allotted PhP153 million for the Solar Photovoltaic (PV) Mainstreaming Program necessary for the implementation of the Expanded Household Electrification. The Program was designed to bring electricity to the most dispersed and isolated households that are unviable for grid connection for the next five years. It targeted to electrify at least 5,000 households using 50 Wp Solar Home System (SHS) units. The delivery and installation will start on the first quarter of 2020. EC beneficiaries are as follows:

Electric Cooperative	Beneficiaries (Number of Households)
Busuanga Island Electric Cooperative, Inc.	1,200
North Cotabato Electric Cooperative, Inc.	1,063
Camarines Sur IV Electric Cooperative, Inc.	878
Zamboanga Norte Electric Cooperative, Inc.	967
TOTAL	4,108

2. Expanded Sitio Electrification Program (Expanded SEP)

For the Expanded SEP, the NEA has allocated PhP 12 million for the conduct of Feasibility Study on Establishing a Mini-Grid System with Renewable Energy Source. The objective is to provide electricity to six (6) off-grid areas in QUEZELCO II, ZANECO, DASURECO and SOLECO. The NEA conducted a kick-off meeting on July 25, 2019 for the purpose.

Included in the projects are Barangays Carlagan and Cabungalan in Burdeos, Quezon; Rizal in Panulukan, Quezon under the franchise areas of QUEZELCO II and Barangay Selinog in Dapitan City, Zamboanga del Norte of ZANECO. They have submitted the required documents and are under evaluation by the NEA. The project is to be completed by the last quarter of 2020.

B. Projects under the European-Union Access to Sustainable Energy Programme (EU-ASEP)

1. Solar PV Mainstreaming (PVM) Program Window 2

The Program is an off-grid electrification scheme using a solar home system (SHS) to electrify dispersed households in remote and off-grid areas. The EC will operate and maintain by the electric cooperative for a fixed monthly tariff approved by the Energy Regulatory Commission (ERC).

Relative to this, the EU-ASEP conducted a workshop on December 11, 2019 in SOCOTECO II Head Office in General Santos City. Major topics discussed are the program details of the Solar PVM Window 2 such as technical specification, project preparation, procurement, installation and verification. EU-ASEP representative also presented the experiences in the implementation of Solar PVM Program Window 1 including the challenges and the lessons learned.

2. Rural Network Solar (RNS)

The Rural Network Solar (RNS) is a joint project of the EC and the private sector. It aims to promote development of small grid connected solar PV power plants installed at or close to distribution substations in the EC franchise areas.

This program is designed to encourage the EC to utilize renewable energy sources without requiring increase in tariffs. The RNS program will provide the subsidy amounting to seven (7) million euros or PhP420 million as a capital-cost for seven (7) projects. Each project will receive one (1) million Euro (maximum) donation. The ECs will shoulder 30% (maximum) as equity and secure Certificate of Registration (COR) for Own-Use.

The RNS - Technical Working Group (RNS-TWG) composed of DOE, NEA and NPC identified the following criteria for the selection of program beneficiaries:

- a. power supply deficiency
- b. availability of land (at least 1.2 ha) beside or near the substation
- c. vulnerability to risks/disasters
- d. cost of electricity (generation), and
- e. strong commitment

The seven projects selected are in BENECO, INEC, PANELCO I, SAMELCO I, SAMELCO II, SOCOTECO II and SUKELCO. Last December 11, 2019, the TWG conduct a visit to the proposed solar farm site for RNS project near SOCOTECO II office. Completion was schedule by 2020.

C. Assisted Project under the National Economic and Development Authority (NEDA)

Feasibility Study for the Hybridization of Existing Diesel Power Plants with Renewable Energy and Battery

The study aims to evaluate the potential for hybridization of existing diesel power plants with renewable energy and battery in the island grids and missionary areas in Region VIII or Eastern Visayas. It also intends to lay the groundwork for the implementation of viable hybrid power plant projects. The ultimate goals are to enhance the commercial viability of power plant operation in ECs and to reduce dependence on oil-based power generation.

The study is focus to the concept of project planning and development with the following activities:

1. Identify, assess and catalogue the potential hybridization scheme/s for diesel power plants (DPP)
2. Select the more attractive hybridization scheme for the project inventory/catalogue for each DPP
3. Apprise and establish the need for such projects to be carried into the next study level
4. Evaluate the technical, economic and financial viability and the social and environmental acceptability of the selected hybrid power plant projects

Draft of the feasibility study and the socio-economic survey was submitted for review and comments. A joint review will take place by last week of January 202 for the finalization and submission of the Final Report.

EDCOP and Tratebel will conduct also a Prosumer software training on January 2020 to provide a depth knowledge in simulating and evaluating technical options on designing hybrid system to NEA and NEDA.

D. Installation of Solar Facility including Net Metering Application and Equipment for the ten (10) Public Schools in BATELEC II

This project aims to install a Solar Power Facility in rooftop of public school including net metering connection. The net metering connection maximizes the power generated by the solar facility. The major objectives are to generate savings and mitigate climate change. The project will be completed by the third quarter of 2020.

E. Information, Education and Communication Campaign

The NEA continuously conduct series of Information Education and Communication (IEC) Campaign to capacitate and enable the Electric Cooperatives to adhere to the implementing rules, policy and guidelines on Renewable Energy Programs.

During the second semester of 2019, the NEA catered Seminar-Workshops on Simplified Planning Tool (SPT) for Renewable Energy-Diesel Hybrid Program. The program was designed for electric cooperatives with island communities to guide them on systematic approach in the assessment and development of renewable-diesel hybrid applications and to come up for a technically sound and commercially viable hybrid schemes.

The first school was conducted in FRECOR VIII Office on September 2 to 6, 2019. Thirty-five (35) participants from 11 electric cooperatives in Region VIII attended the said workshop.

The second school transpired at Global Business Power (GBP) Training Institute in Iloilo City last November 11 to 13, 2019. The activity was attended by 37 personnel from six (6) electric cooperatives from Regions VI and VII , AKELCO, ILECO I, ILECO III, GUIMELCO, CENECO and CEBECO III, and three (3) private-investor-owned utilities, namely, Panay Electric Company (PECO), Panay Energy Development Corporation (PEDC) and Mactan Electric Company (MECO).

7. Assessment of EC Performance based on the EC Classification and Guidelines on NEA Intervention and Various Options for Ailing ECs

The assessment of the EC performance based on the Guidelines on EC Classification and NEA Intervention improved in 2019. After evaluation of the 121 electric cooperative during the fourth quarter of 2019, eighty (80) ECs evaluated as Green compared to sixty-five (65) in 2018. Fifteen (15) ECs joined the bandwagon of good performing distribution utilities. Twenty-seven (27) or 22% are classified Yellow-1, six (6) or 5% under Yellow-2 and eight (8) or 7% remained as Red or Ailing electric cooperatives. Regions I, VII, VIII and CARAGA are Green Regions as all the member electric cooperatives are evaluated “Green”. Below is the result of the 2019 EC classification by color.

Classification	2019			
	4 th Quarter	3 rd Quarter	2 nd Quarter	1 st Quarter
Green	80	69	66	61
Yellow-1	27	36	37	43
Yellow-2	6	8	9	8
Red	8	8	9	8
TOTAL	121	121	121	120*

Green ECs are those that comply with all the financial and operational parameters and standards thus need no or less intervention from the NEA.

80 GREEN ELECTRIC COOPERATIVES				
INEC	NEECO II – Area 2	CASURECO II	CEBECO III	ZANECO
ISECO	SAJELCO	CASURECO IV	PROSIELCO	ZAMSURECO I
LUELCO	PRESCO	AKELCO	CELCO	MORESCO I
PANELCO I	PELCO I	ANTECO	BOHECO I	MORESCO II
CENPELCO	PENELCO	CAPELCO	BOHECO II	BUSECO
PANELCO III	ZAMECO I	ILECO I	DORELCO	LANECO
CAGELCO I	ZAMECO II	ILECO II	LEYECO II	DASURECO
CAGELCO II	FLECO	ILECO III	LEYECO III	COTELCO
ISELCO I	BATELEC I	NONECO	LEYECO IV	SOCOTECO I
BENECO	BATELEC II	CENECO	LEYECO V	ANECO
MOPRECO	QUEZELCO II	NOCECO	SOLECO	ASELCO
AURELCO	LUBELCO	NORECO I	BILECO	SURNECO
TARELCO I	ROMELCO	NORECO II	NORSAMELCO	SIARELCO
TARELCO II	BISELCO	BANELCO	SAMELCO I	DIELCO
NEECO I	PALECO	CEBECO I	SAMELCO II	SURSECO I
NEECO II – Area 1	CANORECO	CEBECO II	ESAMELCO	SURSECO II

Yellow 1 ECs are those that comply with at least three (3) of the financial and operational parameters and standards thus they are placed under the “watch list” status of the NEA.

27 YELLOW - 1 ELECTRIC COOPERATIVES			
BATANELCO	QUEZELCO I	SORECO I	CAMELCO
NUVELCO	OMECO	SORECO II	DORECO
QUIRELCO	ORMECO	FICELCO	COTELCO-PPALMA
IFELCO	MARELCO	GUIMELCO	SOCOTECO II
KAELCO	TIELCO	MOELCI I	SUKELCO
PELCO II	CASURECO I	MOELCI II	SIASELCO
PELCO III	CASURECO III	FIBECO	

Yellow 2 ECs are those that failed to comply with four or more in the financial and operational parameters and standards; or those which fall under any of 6 circumstances but not yet declared as Red or Ailing ECs thus they are placed under close monitoring of the NEA.

6 YELLOW - 2 ELECTRIC COOPERATIVES	
ISELCO II	DANECO
ZAMSURECO II	CASELCO
ZAMCELCO	MAGELCO

Lastly, Red ECs are those which does not comply with all the financial and operational parameters and standards and were declared and classified as Ailing ECs after observance of due process. In cases like these, the ECs will be under full intervention of NEA and can be open for private sector participation.

8 RED ELECTRIC COOPERATIVES	
ABRECO	TAWELCO
ALECO	BASELCO
MASELCO	SULECO
TISELCO	LASURECO

8. Status of ECs under Private Sector Participation and Assistance and Recommendation for Ailing ECs

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

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

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

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

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

Some of the common causes of EC performance deterioration are:

- a. Overdue power accounts from PSALM and power generating companies. In some cases, the interest, surcharges and penalties are not recoverable from consumers’ bill
- b. Huge uncollected power accounts from local government units, military camps and other government agencies
- c. Governance and management issues
- d. Lack of long - term power supply contracts
- e. Inappropriate distribution rates
- f. Weak organizational structure
- g. Technical concerns such as old, dilapidated distribution line system, transformer overloading
- h. Peace and order situation, among others

Status of Electric Cooperatives under Private Sector Participation

Based on Memorandum to EC No. 2014 -001, Guidelines for the Classification for ECs and Provision for NEA Intervention issued on January 14, 2014, electric cooperatives which cannot comply with the NEA set standard criteria on financial and operational operations, the ECs will be precluded and will be declared as “ailing ECs” and alternative options or partnership with qualified private sector investor will be implemented.

As of the end of 2019, still there are three (3) ECs under private sector participation (PSP):

1. Albay Electric Cooperative, Inc. (ALECO) which enter into twenty-five (25) year Concession Agreement with San Miguel Energy Corporation (SMEC) and its subsidiary Albay Electric Power Company (APEC)

2. Pampanga II Electric Cooperative, Inc. (PELCO II) with twenty (20) - year Investment Management Contract (IMC) with COMSTECH and Manila Electric Company; and
3. Zamboanga City Electric Cooperative, Inc. (ZAMCELCO) with 25 years Investment Management Contract (IMC) with Crown Investment Holdings, Inc. and DESCO, Incorporated.

Below are their status of operation:

1. ALECO/APEC

PARTICULARS	2019	2018	2017
Overall Performance Rating	-	D	D
Size Classification	-	Mega Large	Mega Large
Color Classification	Red	Red	Red
Level of Consumer Connections (%)	97	69	66
Total Operating Revenue (PhP M)	3,015	3,049	2,845
Average Revenue per Month (PhP M)	251	254	237
Net Margin (Loss) (PhP M)	(227)	33	(2.99)
Collection Efficiency (%)	-	78	77
Loan Amortization Payment	Arrears	Arrears	Arrears
Repayments Rate (%)	18	18	19
Power Accounts – NGCP	Arrears	Arrears	Arrears
Power Accounts – GENCO	Res-Arrears	Res-Arrears	Res-Arrears
Peak Load (Mw)	97	87	81
System Loss (%)	22.90	22.61	24.79
Consumer Density per Circuit Km of Lines	67	48	46

2. PELCO II

PARTICULARS	2019	2018	2017
Overall Performance Rating	-	AA	AA
Size Classification	-	Mega Large	Mega Large
Color Classification	Yellow 1	Yellow 1	Yellow 1
Level of Consumer Connections (%)	100	97	97
Total Operating Revenue (PhP M)	4,192	3,611	3,614
Average Revenue per Month (PhP M)	349	301	301
Net Margin (Loss) (PhP M)	13.80	204.00	133.72
Collection Efficiency (%)	98	98	99
Loan Amortization Payment	-	-	-
Repayments Rate (%)	-	-	-
Power Accounts – NGCP	Arrears	Arrears	Current
Power Accounts – GENCO	Current	Res-Arrears	Current
Peak Load (Mw)	111	99	94
System Loss (%)	10.76	10.66	10.88
Consumer Density per Circuit Km of Lines	35	70	68

3. ZAMCELCO

PARTICULARS	2019	2018	2017
Overall Performance Rating	-	D	C
Size Classification	-	Mega Large	Mega Large
Color Classification	Yellow 2	Yellow 2	Yellow 2
Level of Consumer Connections (%)	78	76	72
Total Operating Revenue (PhP M)	4,616.17	4,448.67	3,792.61
Average Revenue per Month (PhP M)	384.68	370.72	316.05
Net Margin (Loss) (PhP M)	(166.17)	(232.46)	(262.62)
Collection Efficiency (%)	-	94	94
Loan Amortization Payment Repayments Rate (%)	Current 100	Current 100	Current 100
Power Accounts – NGCP Power Accounts – GENCO	Current Arrears	Arrears Res-Arrears	Current Res-Arrears
Peak Load (Mw)	115	111	121
System Loss (%)	22.81	23.33	22.09
Consumer Density per Circuit Km of Lines	51	49	51

Status of Critically Distressed/Ailing Electric Cooperatives

As of 31 December 2019, there are eight (8) electric cooperatives remained to be classified as “ailing” ECs. These include ABRECO, ALECO, MASELCO, TISELCO, LASURECO, BASELCO, SULECO and TAWELCO. Graduation of CASURECO III from ailing EC was approved by the NEA Board of Administrators on December 11, 2019. The EC has been evaluated as Category C in 2017 and B in 2018, and continuously improved its performance evident by the increasing total score for the last five (5). MASELCO and TISELCO also progressed to Category C in the 2018 EC Overall Performance Assessment from D. The NEA continues to closely monitor their performance and evaluates their status to prevent further deterioration of their operations.

Below are the Status of Performance on ailing EC operation for the year 2019 compared to the 2017 and 2018:

1. ABRECO

PARTICULARS	2019	2018	2017
Overall Performance Rating	-	D	D
Size Classification	-	Extra Large	Extra Large
Color Classification	Red	Red	Red
Level of Consumer Connections (%)	100	94	88
Total Operating Revenue (PhP M)	465	414	260
Average Revenue per Month (PhP M)	39	35	22
Net Margin (Loss) (PhP M)	128.99	38.05	21.18
Collection Efficiency (%)	-	-	-
Loan Amortization Payment Repayments Rate (%)	Current 97	Arrears 47	Arrears 44
Power Accounts – NGCP Power Accounts – GENCO	Current Arrears	Current Res. Arrears	Arrears Res-Arrears
Peak Load (Mw)	13	12	10
System Loss (%)	15.25	13.97	17.47
Consumer Density per Circuit Km of Lines	36	35	38

2. MASELCO

PARTICULARS	2019	2018	2017
Overall Performance Rating	-	C	D
Size Classification	-	Extra Large	Extra Large
Color Classification	Red	Red	Red
Level of Consumer Connections (%)	54	51	49
Total Operating Revenue (PhP M)	767	706	614
Average Revenue per Month (PhP M)	64	59	51
Net Margin (Loss) (PhP M)	63.7	43.5	(33.82)
Collection Efficiency (%)	-	89	89
Loan Amortization Payment Repayments Rate (%)	Current 102	Current 102	Current 102
Power Accounts – NGCP	-	-	-
Power Accounts – GENCO	Arrears	Res-Arrears	Res-Arrears
Peak Load (Mw)	22	20	-
System Loss (%)	12.41	12.57	15.39
Consumer Density per Circuit Km of Lines	32	30	28

3. TISELCO

PARTICULARS	2019	2018	2017
Overall Performance Rating	-	C	C
Size Classification	-	Medium	Medium
Color Classification	Red	Red	Red
Level of Consumer Connections (%)	84	73	65
Total Operating Revenue* (PhP M)	61.50	86.12	85.20
Average Revenue per Month (PhP M)	7.69	7.18	7.10
Net Margin (Loss)* (PhP M)	9.37	18.26	18.39
Collection Efficiency (%)	-	81.38	77.17
Loan Amortization Payment Repayments Rate (%)	Current 109	Current 105	Current 105
Power Accounts – NGCP	-	-	-
Power Accounts – GENCO	Res-Current	Res-Current	Res-Current
Peak Load (Mw)	2.6	2.3	2.2
System Loss (%)	10.93	13.58	14.08
Consumer Density per Circuit Km of Lines	24	21	23

* - January-August 2019

4. LASURECO

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

5. BASELCO

PARTICULARS	2019	2018	2017
Overall Performance Rating	-	D	D
Size Classification	-	Large	Large
Color Classification	Red	Red	Red
Level of Consumer Connections (%)	52	52	52
Total Operating Revenue (PhP M) Average Revenue per Month (PhP M)	259.55 21.63	223 18.58	218 18
Net Margin (Loss) (PhP M)	(74.85)	(67.19)	(48.26)
Collection Efficiency (%)	-	57.08	-
Loan Amortization Payment Repayments Rate (%)	Current 99	Arrears 7	Arrears 5
Power Accounts – NGCP Power Accounts – GENCO	- Arrears	- Arrears	- Arrears
Peak Load (Mw)	11	10	7
System Loss (%)	33.87	32.77	32.34
Consumer Density per Circuit Km of Lines	32	32	32

6. SULECO

PARTICULARS	2019	2018	2017
Overall Performance Rating	-	C	C
Size Classification	-	Large	Large
Color Classification	Red	Red	Red
Level of Consumer Connections (%)	25	24	23
Total Operating Revenue (PhP M)	313	288	303
Average Revenue per Month (PhP M)	26	24	25
Net Margin (Loss) (PhP M)	8.11	31.15	18.00
Collection Efficiency (%)	-	34.47	40
Loan Amortization Payment Repayments Rate (%)	Current 100	Current 100	Current 100
Power Accounts – NGCP	-	-	-
Power Accounts – GENCO	Arrears	Arrears	Arrears
Peak Load (Mw)	9.24	8.9	8.7
System Loss (%)	23.20	25.29	28.96
Consumer Density per Circuit Km of Lines	29	34	33

7. TAWELCO

PARTICULARS	2019	2018	2017
Overall Performance Rating	-	D	D
Size Classification	-	Medium	Medium
Color Classification	Red	Red	Red
Level of Consumer Connections (%)	22	22	21
Total Operating Revenue (PhP M)	-	77	150.53
Average Revenue per Month (PhP M)	-	6.42	13
Net Margin (Loss) (PhP M)	-	(161.09)	(110.25)
Collection Efficiency (%)	-	19	33
Loan Amortization Payment Repayments Rate (%)	Current 102	Current 104	Current 103
Power Accounts – NGCP	-	-	-
Power Accounts – GENCO	Arrears	Arrears	Arrears
Peak Load (Mw)	-	6	6
System Loss (%)	-	33.39	30.02
Consumer Density per Circuit Km of Lines	43	43	40

To ensure efficient service to the member-consumer-owners and to prevent further deterioration in the operations of the identified ailing ECs, the NEA through its step-in rights has the following interventions.

1. Assignment of Acting General Managers and/or Project Supervisors (AGM/PS)

AGM/PS	Electric Cooperative	Date	Office Order No.
Atty. Norberto M. Mendoza	ORMECO	January 4, 2019	2019-002
Mr. Romeo V. Acuesta	MASELCO	February 20, 2019	2019-046
Engr. Victor R.Cada	QUEZELCO I	April 11, 2019	2019-080
Mr. Domingo S. Santiago	SORECO II	May 10, 2019	2019-096
Mr. Hector N. Tabilisma	NORSAMELCO	May 22, 2019	2019-097
Mr. Sherwin C. Manada	LANECO-Extension	June 3, 2019	2019-106
Mr. Jose Raul A. Sanieel	ZAMSURECO II	June 18, 2019	2019-124
DA Vicar Loureen G. Lofranco	LASURECO - PS	June 18, 2019	2019-125
Engr. Virgilio L. Montano	ISELCO I	July 15, 2019	2019-135
Engr. Artis Nikki C. Tortola	PALECO - PS	October 14, 2019	2019-190
Engr. Eleno M. Desuyo, Jr.	TAWELCO	October 14, 2019	2019-191
Atty. Xerxes D. Adzuara	ZANECO - PS	November 29, 2019	2019-207

The assignments brought to a total of seventeen (17) NEA management and staff assigned/deployed to the electric cooperative. The Acting General Manager/Project Supervisors manage the operations of the electric cooperatives to ensure the efficient delivery of electric service to their member-consumer-owners.

2. Creation of Task Forces Duterte Power in five (5) ECs: LASURECO, CASURECO III, DANECO, ABRECO AND ZAMCELCO.

In July 2019, Task Force Duterte Zamboanga City Power was reconstituted under Office Order No. 2019-148. On the other hand, GM Ramon Posadas of LUELCO was assigned as additional member of TFD Abra Power in August 20, 2019. Task Forces continue to address the deteriorating operational performance of the said ECs and in response to the clamor of local executives for NEA's intervention.

3. Appointment of NEA representative to the EC Board of Directors (BOD)

Particulars	Electric Cooperative	Date	Office Order No.
NEA Representatives			
Mr. Danilo A. Villanueva	QUEZELCO I	January 24, 2019	2019-053
Atty. Kristene Fernandez	LANECO	January 24, 2019	2019-056
Mr. Eduardo S. Bayani	ISELCO I	February 27, 2019	2019-059
Executive Officer			
Mr. Edmundo Y. Pacamalan, Jr	CAMELCO	July 22, 2019	2019-149

The NEA representatives is responsible to ensure that all decisions of the EC BOD are consistent with NEA policies, rules and regulations. The Executive Officer is in-charge to lead and guide the processing of CAMELCO's reorganization.

4. Formulation and Issuance of new and relevant Policies and Guidelines

There are seven (7) new NEA memoranda issued to the EC to serve as their guidance in the management and supervision of its operations.

- a. Memorandum No. 2019 – 01. Policy/Guidelines on the Implementation of Strategized Total Electrification Program (STEP). Amended on November 13, 2019 under Memorandum No. 2019 - 054
- b. Memorandum No. 2019 – 02. Policy on Management and/or Consultancy Services to Electric Cooperatives
- c. Memorandum No. 2019 – 03. Guidelines on NEA Accreditation of Management Consultants for ECs
- d. Memorandum No. 2019 – 008. Revised Salary Scale for EC General Managers
- e. Memorandum No. 2019 – 043. Revised EC Model Organizational Structure
- f. Memorandum No. 2019 – 044. Mechanics of Implementation of the EC Member-Consumer-Owners Program for Empowerment
- g. Memorandum No, 2019 – 045 – Amended Enhanced Policy/Guidelines on EC Overall Performance Assessment

5. Round Table Assessment

- a. March 6, 2019 – TISELCO, BASELCO, SULECO, TAWELCO and SIASELCO
- b. April 16, 2019/August 13, 2019 - NEA Project Supervisors, Acting General Managers and Assists

6. Hands-on assistance and guidance in the formulation of the 2019 Strategic Development Plan (SDP), Sustainability Plan (SP) and Operational Improvement Plan (OIP)

Strategic Development Plan		Sustainability Plan	Operational Improvement Plan
1. OMECO	10. MASELCO	1. PALECO	1. CASURECO III
2. PELCO III	11. TISELCO	2. NORSAMELCO	2. ALECO
3. SORECO II	12. SORECO I	3. CASURECO II	3. SULECO
4. ZAMSURECO II	13. ISELCO II		4. TAWELCO
5. LANEKO	14. PANELCO III		
6. KAELECO	15. NUVELCO		
7. COTELCO-PALMA	16. CASURECO III		
8. DANECO	17. ABRECO		
9. QUIRELECO	18. IFELCO		

7. Monitoring and evaluation of accomplishment reports versus the approved Plans (SDP, SP, and OIP) to ensure that all projects are properly and efficiently implemented
8. Capacity building to enhance EC staff in financial, technical, institutional aspects in managing electric distribution utilities
9. Assistance in the Comprehensive Selection Process for New Power Provider
10. Comprehensive EC Audit
11. Annual and Quarterly EC Performance Assessment
12. Service Facilities
 - a. Loan and Guarantee Service - to ensure the ECs readiness in operating and competing under the deregulated market and to strengthen the ECs
 - b. Technical assistance

STATUS OF 2019 RURAL ELECTRIFICATION PROGRAM
January – December 2019

Electric Cooperatives	Sitios	Consumer Connections
Region I		
INEC		4,449
ISECO		7,785
LUELCO		1,938
PANELCO I	21	3,044
CENPELCO		10,127
PANELCO III		11,541
Sub-total	21	38,884
Region II		
BATANELCO		256
CAGELCO I		6,340
CAGELCO II		4,571
ISELCO I		5,093
ISELCO II	20	5,389
NUVELCO	29	0
QUIRELCO		2,437
Sub-total	49	24,086
CAR		
ABRECO		1,586
BENECO	27	4,786
IFELCO		1,510
KAELCO		931
MOPRECO		1,638
Sub-total	27	10,451

STATUS OF 2019 RURAL ELECTRIFICATION PROGRAM
January - June 2019

Electric Cooperatives	Sitios	Consumer Connections
Region III		
AURELCO		2,388
TARELCO I		6,999
TARELCO II		4,089
NEECO I	1	3,280
NEECO II - Area 1		6,077
NEECO II - Area 2		4,324
SAJELCO		1,270
PRESCO		1,120
PELCO I		5,205
PELCO II		7,425
PELCO III		2,502
PENELCO		6,626
ZAMECO I		2,938
ZAMECO II		3,169
Sub-total	1	57,412
Region IV-A		
FLECO		1,812
BATELEC I		3,032
BATELEC II	4	14,270
QUEZELCO I	4	4,242
QUEZELCO II	6	1,644
Sub-total	14	25,000
Region IV-B		
LUBELCO		307
OMECO	32	3,338
ORMECO	67	8,544
MARELCO		2,265
TIELCO		1,775
ROMELCO	20	535
BISELCO		3,306
PALECO	19	4,992
Sub-total	138	25,062

STATUS OF 2019 RURAL ELECTRIFICATION PROGRAM
January - June 2019

Electric Cooperatives	Sitios	Consumer Connections
Region V		
CANORECO	57	2,946
CASURECO I	1	4,139
CASURECO II		4,059
CASURECO III	4	3,856
CASURECO IV	4	14,040
ALECO		3,881
SORECO I		1,861
SORECO II	6	2,679
FICELCO		1,878
MASELCO	42	3,119
TISELCO		2,310
Sub-total	114	44,768
Luzon	365	225,663
Region VI		
AKELCO	10	6,386
ANTECO	31	4,937
CAPELCO		6,575
ILECO I		6,790
ILECO II	8	4,651
ILECO III	19	10,113
GUIMELCO	10	1,298
NONECO	19	7,786
CENECO	21	9,042
NOCECO	14	7,220
Sub-total	132	64,798

STATUS OF 2019 RURAL ELECTRIFICATION PROGRAM
January - June 2019

Electric Cooperatives	Sitios	Consumer Connections
Region VII		
NORECO I	22	3,387
NORECO II	46	11,987
BANELCO	7	1,119
CEBECO I	11	6,324
CEBECO II		6,253
CEBECO III	40	5,712
PROSIELCO		1,744
CELCO		842
BOHECO I		4,905
BOHECO II		6,549
Sub-total	126	48,822
Region VIII		
DORELCO	5	2,661
LEYECO II		5,756
LEYECO III		3,303
LEYECO IV		3,157
LEYECO V		18,138
SOLECO	10	8,254
BILECO		1,576
NORSAMELCO	5	9,043
SAMELCO I		6,035
SAMELCO II	3	7,519
ESAMELCO		2,543
Sub-total	23	67,985
Visayas	281	181,605
Region IX		
ZANECO	16	10,319
ZAMSURECO I	7	11,932
ZAMSURECO II	2	2,291
ZAMCELCO		3,672
Sub-total	25	28,214

STATUS OF 2019 RURAL ELECTRIFICATION PROGRAM
January - June 2019

Electric Cooperatives	Sitios	Consumer Connections
Region X		
MOELCI I	5	2,185
MOELCI II	7	2,784
MORESCO I		7,584
MORESCO II	13	3,983
FIBECO		7,801
BUSECO	6	5,435
CAMELCO		740
LANECO	13	6,035
Sub-total	44	36,547
Region XI		
DORECO	36	3,779
DANECO	80	12,029
DASURECO	26	9,186
Sub-total	142	24,994
Region XII		
COTELCO	50	12,005
COTELCO-PPALMA	27	2,414
SOCOTECO I		5,450
SOCOTECO II	37	19,056
SUKELCO	4	18,051
Sub-total	118	56,976

STATUS OF 2019 RURAL ELECTRIFICATION PROGRAM
January - June 2019

Electric Cooperatives	Sitios	Consumer Connections
ARMM		
TAWELCO		0
SIASELCO	6	0
SULECO	11	1,495
BASELCO		0
CASELCO		356
LASURECO	16	0
MAGELCO	11	0
Sub-total	44	1,851
CARAGA		
ANECO	24	6,790
ASELCO	11	8,915
SURNECO		3,562
SIARELCO	10	2,262
DIELCO	13	1,526
SURSECO I		3,699
SURSECO II	8	3,540
Sub-total	66	30,294
Mindanao	439	178,876
Total	1,085	586,144

Annex B

Subsidy Releases July- December 2019

REGION	AMOUNT in Pesos
REGION I	22,778,005.02
INEC	16,132,891.97
PANELCO I	6,645,113.05
REGION II	40,255,134.90
BATANELCO	19,332,945.06
CAGELCO II	20,922,189.84
CAR	10,000,000.00
ABRECO	10,000,000.00
REGION III	13,564,169.17
NEECO II - Area 2	13,564,169.17
REGION IV-A	38,618,501.14
QUEZELCO I	27,262,163.15
QUEZELCO II	11,356,337.99
REGION IV-B	100,836,274.07
MARELCO	13,554,685.26
OMEKO	13,477,597.42
ORMECO	5,622,360.00
PALECO	49,617,319.46
ROMELCO	18,564,311.93
REGION V	144,964,100.80
CANORECO	1,018,579.49
CASURECO I	1,805,640.81
CASURECO II	3,253,731.00
CASURECO III	32,339,509.19
CASURECO IV	13,586,355.18
FICELCO	18,552,905.00
MASELCO	67,406,768.39
TISELCO	7,000,611.74

Subsidy Releases July- December 2019

REGION	AMOUNT in Pesos
REGION VI	166,620,533.91
AKELCO	15,281,566.19
ANTECO	26,442,591.33
CAPELCO	54,396,274.49
CENECO	3,638,173.70
GUIMELCO	9,612,027.70
ILECO II	31,774,279.40
ILECO III	18,118,886.91
NOCECO	4,523,313.74
NONECO	2,833,420.45
REGION VII	76,381,926.58
BANELCO	15,831,102.29
BOHECO II	416,005.82
CEBECO I	6,821,897.06
CEBECO II	11,190,744.15
CEBECO III	306,829.81
CELCO	8,717,055.07
NORECO I	13,182,005.04
NORECO II	19,791,584.65
PROSIELCO	124,702.69
REGION VIII	38,425,844.23
BILECO	3,332,869.43
ESAMELCO	5,554,907.48
LEYECO V	2,666,165.93
NORSAMELCO	7,989,409.72
SAMELCO I	287,693.59
SAMELCO II	1,860,507.50
SOLECO	16,734,290.58

Subsidy Releases July- December 2019

REGION	AMOUNT in Pesos
REGION IX	65,817,037.37
ZAMSURECO I	17,166,640.36
ZAMSURECO II	36,725,392.85
ZANECO	11,925,004.16
REGION X	44,734,817.33
BUSECO	6,107,482.36
LANECO	9,645,783.46
MOELCI I	4,227,467.49
MOELCI II	459,732.69
MORESCO II	24,294,351.33
REGION XI	178,798,442.90
DANECO	90,627,572.29
DASURECO	41,311,730.20
DORECO	46,859,140.41
REGION XII	68,894,486.19
COTELCO	6,553,135.69
COTELCO-PPALMA	51,534,751.09
SOCOTECO I	8,153,209.21
SUKELCO	2,653,390.20
ARMM	210,296,273.40
LASURECO	188,718,758.08
SULECO	21,577,515.32

Subsidy Releases July- December 2019

REGION	AMOUNT in Pesos
CARAGA	112,943,747.59
ANECO	20,034,391.23
ASELCO	26,068,034.81
DIELCO	18,443,024.08
SIARELCO	6,304,424.37
SURSECO I	4,397,693.79
SURSECO II	37,696,179.31
Grand Total	1,333,929,294.60

Note:

Subsidy Releases file is updated as of 02/28/20

Annex C

CAPEX Loans Released to ECs for 2019

Electric Cooperatives	Loan Type	Project/s	Amount	Total
Region I				
CENPELCO	RE-FR	Construction of 69kv lines from NGCP Baqingueo s/s to Malasiqui (5.415kms) & 69kv line from Brgy. Ilang, San Carlos City to Bayambang s/s (15.5kms)	45,651,313.11	
INEC	FR-RENEW.-ENERGY	For the completion of rehabilitation of Agua Grande MH Power Plant	17,241,334.29	
INEC	FR-RENEW.-ENERGY	For the completion of rehabilitation of Agua Grande MH Power Plant (final rel)	20,875,460.00	83,768,107.40
Sub-total				83,768,107.40
Region II				
CAGELCO II	RE LOAN	Construction of 38.9km 69kV lines fr Lucban, Abulug to Centro, Sanchez Mira; 4 electric towers at Lucban bridge & Pamplona bridge; & 5/6.25 MVA s/s at Sanchez Mira (3rd rel)	16,837,103.00	16,837,103.00
Sub-total				100,605,210.40
Region III				
TARELCO I	RE-FR	Re-routing of 69kv line at Tagumbao, Gerona	4,818,286.33	
TARELCO I	RE-FR	Installation of primary & sec. safety equipment for Paniqui 5mva power transformer	6,635,514.71	
AURELCO	RE-FR	Construction/Installation of 10MVA substation in Alcala, Ma. Aurora (80%)	6,342,814.29	
AURELCO	RE-FR	Construction/Installation of 69kV subtransmission line to Alcala, Ma. Aurora (80%)	7,145,361.32	24,941,976.65
Sub-total				125,547,187.05
Region IV				
FLECO	RE-FR	Construction of 3-phase primary lines - 10% bal.	1,949,321.17	

CAPEX Loans Released to ECs for 2019

Electric Cooperatives	Loan Type	Project/s	Amount	Total
FLECO	RE-FR	Purchase of service vehicle (30% bal)	3,571,500.00	
LUBELCO	EUCDRP	Rehabilitation of Critical Distribution Lines (Final Rel.)	1,459,608.66	
ORMECO	RE-FR	Substation automation & improvement	1,040,000.00	
OMECO	RE-FR	Rehabilitation of Octopus connection	1,559,725.36	
OMECO	RE-FR	Construction of Mompong 5MVA substation (final rel)	7,631,039.73	17,211,194.92
Sub-total				142,758,381.97
Region V				
CASURECO I	RE-FR	Supply, delivery, installation, construction, testing & commissioning of 5mva substation at Panaytayan, Ragay, Cam. Sur (final rel.)	3,242,796.80	
CASURECO I	RE-FR	Supply of labor & materials for the construction of 26.837km 69kv subtransmission line from Tara to Panaytayan, Ragay, Cam. Sur (final rel.)	38,151,026.87	
CASURECO I	RE-FR	For construction of EC's Administrative building	19,569,682.09	
CASURECO III	EUCDRP	Construction of 11kms of 69kv transmission lines (initial rel. - 15%)	6,171,439.25	
SORECO I	RE-FR	Construction of 69kv line 13kms from Brgy. Sta. Teresita, Bulan to Brgy. Lajong, Bulan (2nd rel)	10,568,987.23	
SORECO I	RE-FR	Construction of 69kv line 13kms from Brgy. Sta. Teresita, Bulan to Brgy. Lajong, Bulan (balance)	14,509,965.51	
SORECO I	RE-FR	Purchase of wireless connectivity & other computer hardwares & applications & network materials (20% bal)	1,637,944.98	
SORECO I	RE-FR	Construction of 10MVA substation at Load Center Brgy. Lajong, Bulan	15,747,000.00	

Annex C

CAPEX Loans Released to ECs for 2019

Electric Cooperatives	Loan Type	Project/s	Amount	Total
TISELCO	RE LOAN	Main office building (final rel)	1,500,000.00	
TISELCO	RE LOAN	Replacement of 1,140 kwhr meters, 260 identified stop meters & estimated 3,600 old, ageing & dilapidated kwhr meters with brand new electronic meters	1,252,000.00	
TISELCO	RE LOAN	Acquisition of service drop wires (ACSR #6) electronic meter, 2 wire, 1-phase, 10 (60) & other needed service assemblies	995,948.00	
MASELCO	Concessional	Acquisition of Cataingan 10MVA substation transformer	4,826,190.00	118,172,980.73
Sub-total				260,931,362.70
Region VI				
CAPELCO	RE-FR	Construction of 3-storey office bldg. in Burgos St., Brgy. Tanguue, Roxas City (1st)	10,000,000.00	
CAPELCO	RE-FR	Construction of 3-storey office bldg. in Burgos St., Brgy. Tanguue, Roxas City (2nd)	10,000,000.00	
CAPELCO	RE-FR	Construction of 3-storey office bldg. in Burgos St., Brgy. Tanguue, Roxas City (3rd)	10,000,000.00	
CAPELCO	RE-FR	Construction of 3-storey office bldg. in Burgos St., Brgy. Tanguue, Roxas City (final)	10,000,000.00	40,000,000.00
Sub-total				300,931,362.70
Region VII				
BOHECO I	RE-FR	Proposed construction of phase 3 dev't. projects in Cabulijan, Tubigon, Bohol	8,899,175.83	8,899,175.83
Sub-total				309,830,538.53
Region VIII				
DORELCO	EUCDRP	For the liquidation of unexpended subsidy funds (SEP, BLEP & YRRP)	5,577,481.26	5,577,481.26
Sub-total				315,408,019.79

CAPEX Loans Released to ECs for 2019

Electric Cooperatives	Loan Type	Project/s	Amount	Total
Region IX				
ZANECO	RE-FR	Proposed construction of 3-storey main office building at Dipolog City (final)	59,595,000.00	
ZANECO	RE-FR	Construction of 69kv line for Sindangan substation	32,239,135.27	
ZANECO	RE-FR	Upgrading of 10MVA Polo, Dapitan substation to 20MVA (final)	13,116,106.22	104,950,241.49
Sub-total				420,358,261.28
Region X				
BUSECO	RE-FR	Installation of capacitors & voltage regulators	1,192,871.05	
BUSECO	RE-FR	Conductor upgrading from #2 ACSR to #2/0 ACSR & #4/0 ACSR in Libona Feeder	3,501,510.16	
BUSECO	RE-FR	Replacement of dilapidated poles	3,921,683.97	
BUSECO	RE-FR	Rehabilitation & upgrading of over-extended secondary lines	8,693,007.08	
BUSECO	RE-FR	For safety gadgets & distribution asset labeling	4,873,026.88	
BUSECO	RE-FR	For safety gadgets, safety equipment, communication, training tools	7,967,641.17	30,149,740.31
Sub-total				450,508,001.59
Region XI				
DANECO	RE-FR	Procurement of vehicles: 12units double cab pick-up 4x5 M/T; 4units double cab pick-up 4x4 M/T; 1unit rough terrain boom crane	20,087,900.00	
DANECO	RE-FR	Procurement of vehicles: 12units double cab pick-up 4x5 M/T; 4units double cab pick-up 4x4 M/T; 1unit rough terrain boom crane (final)	7,979,100.00	
DANECO	RE-FR	Construction of EC's headquarter office main building in Tagum Area office	7,449,150.00	35,516,150.00
Sub-total				486,024,151.59

CAPEX Loans Released to ECs for 2019

Electric Cooperatives	Loan Type	Project/s	Amount	Total
Region XII				
COTELCO PPALMA	RE-FR	Acquisition of tools & equipment	729,500.00	
COTELCO PPALMA	RE-FR	To finance the purchase of secondary dist. Transformers - new connections	6,397,265.00	
COTELCO PPALMA	RE-FR	To finance construction of additional secondary lines (70%)	6,132,000.00	
COTELCO PPALMA	RE-FR	Secondary distribution transformers new connection project	2,558,035.00	
SUKELCO	GENSET	For acquisition of Modular GenSets (2x2MW & 2x500KW)	21,934,000.00	37,750,800.00
Sub-total				523,774,951.59
ARMM				
SULECO	CONCESSIONAL	For finance remaining 2 brgys. Asturias & Alat (Rehab & Upgrading of dist. Lines, clustering of meter to pole - 3rd rel.	5,000,000.00	
SULECO	CONCESSIONAL-JICA	For the release of accrued expenses for the boom trucks	69,396.65	
SULECO	CONCESSIONAL-JICA	Project Improvement of Equipment for Power Dist. in Bangsamoro	4,072,162.00	
BASELCO	CONCESSIONAL-JICA	For the release of accrued expenses for the boom trucks	69,396.65	
BASELCO	CONCESSIONAL-JICA	Project Improvement of Equipment for Power Dist. In Bangsamoro	15,304,563.10	
SIASELCO	CONCESSIONAL	For the construction of the Coop's office bldg. & acquisition of office furniture & fixtures (50%)	4,000,000.00	
SIASELCO	CONCESSIONAL-JICA	For the release of accrued expenses for the boom trucks	69,396.65	
SIASELCO	CONCESSIONAL-JICA	Project Improvement of Equipment for Power Dist. in Bangsamoro	2,110,002.00	

CAPEX Loans Released to ECs for 2019

Electric Cooperatives	Loan Type	Project/s	Amount	Total
TAWELCO	CONCESSIONAL-JICA	Project Improvement of Equipment for Power Dist. In Bangsamoro	421,491.00	
TAWELCO	CONCESSIONAL-JICA	Project Improvement of Equipment for Power Dist. in Bangsamoro	2,612,920.00	
TAWELCO	CONCESSIONAL-JICA	For the release of accrued expenses for the boom trucks	69,396.65	
TAWELCO	CONCESSIONAL	For replacement of defective kwhr meters	1,514,800.00	
LASURECO	CONCESSIONAL-JICA	For the release of accrued expenses for the boom trucks	138,793.30	
LASURECO	CONCESSIONAL-JICA	Project Improvement of Equipment for Power Dist. in Bangsamoro	4,033,053.87	
MAGELCO	CONCESSIONAL-JICA	For the release of accrued expenses for the boom trucks	138,793.30	
MAGELCO	CONCESSIONAL-JICA	Project Improvement of Equipment for Power Dist. in Bangsamoro	31,003,230.26	
MAGELCO	CONCESSIONAL-JICA	Project Improvement of Equipment for Power Dist. in Bangsamoro	3,670,291.00	74,297,686.43
Sub-total				598,072,638.02
CARAGA				
ASELCO	RE-FR	Upgrading of lines in Crossing Luna, Esperanzajto Dimasalang, San Luis, Agusan del Sur from single phase to 3phase with a distance of 13.8km	7,702,860.50	
DIELCO	RE-FR	Replacement of inefficient & overload transformers (initial)	2,797,202.50	
DIELCO	RE-FR	Replacement of inefficient & overload transformers (final)	2,797,202.50	
DIELCO	RE-FR	Replacement of defective kwh meters & fuse cut-outs (initial)	3,237,905.50	
DIELCO	RE-FR	Replacement of defective kwh meters & fuse cut-outs (final))	3,237,905.50	
DIELCO	RE-FR	Procurement of kwhr meters & service drop wires for new consumers	3,334,112.20	
DIELCO	RE-FR	Installation of additional structure between longspan	348,040.00	

Annex C

CAPEX Loans Released to ECs for 2019

Electric Cooperatives	Loan Type	Project/s	Amount	Total
DIELCO	RE-FR	Installation of double down guys to all A1, B1 and C1	1,439,464.20	
DIELCO	RE-FR	Distribution line upgrading from single phase to V-phase	100,800.00	
DIELCO	RE-FR	Installation of reclosers at San Jose/Dinagat Feeder, Dinagat Junction & tapping point to Nonoc, Surseco	2,940,000.00	
DIELCO	RE-FR	Buffer stock for contingencies/emergencies/ calamities	3,551,649.87	
DIELCO	RE-FR	Buffer stock for contingencies/emergencies/ calamities	4,616,000.00	
DIELCO	RE-FR	Replacement of rotten poles & crossarms (initial)	2,615,760.00	
DIELCO	RE-FR	Replacement of rotten poles & crossarms (final)	1,625,470.00	
DIELCO	RE-FR	Procurement of tools and equipment (initial)	2,531,460.50	
DIELCO	RE-FR	Procurement of tools and equipment (final)	10,125,842.00	
SURSECO I	RE-FR	Construction of Administrative Building	8,000,000.00	
SURSECO I	RE-FR	Construction of Administrative Building (2nd)	20,950,000.00	81,951,675.27
Sub-total				680,024,313.29

SCF/STCF Loans Released to ECs for 2019

FUNDING	EC	MONTH	AMOUNT
SCF	CASURECO III	APRIL	20,000,000.00
SCF	CASURECO I	NOVEMBER	5,000,000.00
TOTAL			25,000,000.00

Calamity Loans Released to ECs Releases for 2019

Region	# of EC	EC	Typhoon	Amount	FAC	Date Released
CAR	1	ABRECO	TYPH. OMPONG	10,000,000.00		4/10/19
TOTAL	1			10,000,000.00		