

Semi-Annual Report on the Initiatives and Activities on Rural Electrification



1st
SEMESTER
2020

Office for Performance Assessment and Special Studies

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SEMI-ANNUAL REPORT ON THE INITIATIVES AND ACTIVITIES ON RURAL ELECTRIFICATION AND NEA INTERVENTION ON AILING ECs

First Semester of 2020

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), the NEA Board of Administrators shall submit to the Joint Congressional Energy Commission (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 is to enhance the effectiveness of the JCEC in the exercise of its oversight function,

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

2020 has been a challenging year for both the NEA and the electric cooperatives. The year started with a "big bang" of natural calamities, such as earthquakes, volcanic eruption and worst, the COVID-19 pandemic, which affected the operation and the provision of services of NEA to ECs and of ECs to their member-consumers. However, despite of these concerns the NEA and the ECs continue to pursue their mandate of serving their stakeholders against all difficulties and challenges.

The following are the highlights of the NEA's initiatives and interventions on rural electrification for the first semester of 2020.

1. Acceleration of the Rural Electrification through Sitio Electrification Program (SEP)

For the first semester of 2020, the NEA, in partnership with the electric cooperatives, energized and completed 181 sitios. This effected to the provision of electric service to 209,780 consumers in the EC franchise areas. These accomplishments brought to a

cumulative 123,726 energized sitios and 13.850 million connected consumers or 97% of the 14.336 million potential customers on the 2015 population census.

2. Release of Subsidy Fund for SEP and natural calamities

Despite the non-release of 2020 subsidy fund, the NEA processed and released to 56 ECs a total of PhP 769.10 million subsidy fund during the first half of 2020. Subsidy funds include budget for SEP and rehabilitation/construction of damaged electric distribution system brought about by natural calamities.

3. Approval and Release of Loans and Credit Accommodations to the ECs

In line with the lending function under PD 269 and Section 5(o) of RA 10531, the NEA approved and released a total of PhP 277.368 million from January to June 2020. This includes PhP 174.288 million for capital expenditures and PhP 103.080 million for reconstruction and rehabilitation of damaged electric distribution line.

4. Capacity Building Programs for NEA and ECs

The Agency offered twenty-nine trainings (29) and scholarship programs on management, leadership and operational skills for both the NEA and the ECs. They were participated by 755 officials and staff nationwide.

a. For NEA management and associates, the Agency conducted 15 trainings and scholarship programs with 100 participants

b. In line with the NEA's seven (7) point agenda on the "Intensification of Capacity Building Programs for ECs, the Agency trained 655 EC officials and staff in fourteen (14) capacity building programs.

5. Summary of Approved Policy Guidelines and Procedures for the Fulfillment of NEA Statutory Obligations

The NEA Board of Administrators confirmed and approved two (2) amended and revised policy and guidelines related to financial and technical services

6. Renewable Energy Development

In line with the government's thrust of accelerating the development of renewable energy resources to address climate change, the NEA initiated the following activities:

a. Subsidized Renewable Energy Projects which include Expanded Household Electrification Program (Expanded HHEP) and Expanded Sitio Electrification Program (Expanded SEP)

b. Projects under the European-Union Access to Sustainable Energy Programme (EU-ASEP) which include Solar PV Mainstreaming (PVM) Program Window 2 and Rural Network Solar (RNS)

- c. Assisted Project under the National Economic and Development Authority (NEDA) on the Hybridization of Existing Diesel Power Plants with Renewable Energy and Battery – Feasibility Study
 - d. Installation of Solar Facility including Net Metering Application and Equipment for the ten (10) Public Schools in BATELEC II
 - e. Information, Education and Communication Campaign that aim to capacitate and inform the Electric Cooperatives of the implementing rules, policy and guidelines on Renewable Energy Programs. Done during the first quarter are the Seminar-Workshop on Net-Metering Implementing Rules and Interconnection Standards, Simplified Planning Tool (SPT) of Renewable Energy Diesel Hybrid System and Design of Utility Scale Solar PV and Seminar on the Development of Renewable Energy Micro-Grid Projects done during the PHILATMEC-Mindanao First Quarterly Meeting and Technical Seminar with DOE and NEA.
7. Status and NEA Intervention to Ailing or Underperforming ECs

Based on the 2019 evaluation, there are eight (8) remaining ailing or underperforming ECs. These include ABRECO, ALECO, MASELCO, TISELCO, LASURECO, BASELCO, SULECO and TAWELCO.

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 the NEA and the electric cooperatives. This was clearly defined in Section 2 of Republic Act No.10531 or the NEA Reform Act of 2013. 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 the carrying out of 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.

The Program was on track in achieving its annual targets until 2019. However, in 2020, an unprecedented event, COVID -19 pandemic struck the whole world that has had a deep impact in our everyday lives including on how we conduct our business to sustain the implementation of the Rural Electrification Program.

To respond to the crisis, the government enacted the Bayanihan to Heal as One Act that pulled all available resources to address the effect of this health crisis. All available government resources including NEA’s unutilized subsidies from 2016 and earlier amounting to PhP 1.262 billion was redirected to Covid -19 response. The said amount was originally intended for Sitio Electrification Program. Moreover, the imposition of quarantine in different areas caused stoppage of work and non-delivery of equipment and materials to the construction sites.

As of base year, total unenergized sitios were 22,385 targeted for energization until the end of 2022. Of these, 17,100 was programmed for on-grid electrification using NEA allocated government subsidy fund and the remaining will be implemented using renewable energy, grants from local and foreign donors, other government agencies and partnership with the private sector.

Originally targeted to energize 964 in 2020, it was recalibrated to 478 sitios. For the first semester of 2020, the NEA and the electric cooperatives energized a total of 181 sitios or 38% of the target. Below is the table showing the implementation summary per region.

Status of Sitio Electrification Program

LUZON		VISAYAS		MINDANAO	
I	5	VI	8	IX	27
II	20	VII	2	X	20
CAR	7	VIII	11	XI	18
III	8			XII	1
IV-A	19			BARMM	4
MIMAROPA	5			CARAGA	4
V	22				
TOTAL	86	TOTAL	21	TOTAL	74
GRAND TOTAL		181			

Please refer to Annex A for specifics

In terms of consumers, based on the 2015 Census, there are still remaining 709,927 without electricity as of December 31, 2019. The plan is 100% household energization by 2022.

In 2020, the original target for expanded household electrification is 460,000 consumers. This was reduced to 400,000 considering the impact of COVID - 19. From January to June 2020, electric service was extended to 209,781 consumer or 52% of the plan. Majority was implemented in Mindanao with 76,624. Below is a table showing distribution of regional accomplishments.

Status of Consumer Connections

LUZON		VISAYAS		MINDANAO	
I	12,625	VI	21,899	IX	27,536
II	8,979	VII	16,240	X	16,054
CAR	3,744	VIII	19,948	XI	7,344
III	19,385			XII	15,394
IV-A	7,779			BARMM	-
MIMAROPA	9,006			CARAGA	10,296
V	13,552				
TOTAL	75,070	TOTAL	58,087	TOTAL	76,624
GRAND TOTAL		209,781			

This brought to a cumulative total of 13.850 million connections or 97% of the 14.336 million potential consumers. Accomplishments considered additional connections in areas with 100% energization.

The need to expand electrification is a necessity today, because everything is in digital or virtual environment. This includes office work under Work from Home or Work from everywhere, education, collaboration and communication.

2. Status of Subsidy Fund Release

Rural Electrification Program is a government infrastructure project, just like roads and bridges wherein budget to construct comes from the government. The NEA through the ECs are the primary implementers of the project. The objective is to provide electricity to every corner of the country including missionary or economically unviable areas which the private sector will not dare to invest.

As a government project, budget to pursue this mandate is allocated every year through subsidy fund. The project includes Sitio Electrification Program (SEP), Barangay Line Enhancement Program (BLEP) and initial fund for house wiring of lifeline consumers. However, budget allocation for 2020 amounting to PhP 1.398 billion for SEP was not released yet to NEA. To support efforts of the National Government to mitigate the impact of Covid -19 pandemic, the Agency returned to the Bureau of Treasury PhP 1.261 billion unutilized subsidies supposed to fund the implementation of rural electrification this year.

Despite the intricacies, the NEA was able to release to 56 EC a total of PhP 769.10 million subsidy fund of which PhP 366.091 for SEP and PhP 403.009 as calamity subsidy for the First Semester of 2020. The subsidy was surplus of previous releases allocated prior to the return of unutilized funds.

Below is the comparative status of subsidy releases during the first semester of 2020 versus first semester of 2019.

Major Island	First Semester 2020 vs First Semester 2019 (PhP million)			
	First Semester 2020	First Semester 2019	Difference	Percent Change
Luzon	365.298	273.315	91.983	34.6 %
Visayas	222.200	130.482	91.718	70.3 %
Mindanao	181.602	175.353	6.249	3.5 %
National	769.100	579.150	189.950	32.8 %

Among regions, the three (3) highest recipients are Region II with PhP 157.189 million, Region VI with PhP 128.720M and CAR with PhP 102.469M. Region II was the highest beneficiary in Luzon. In the Visayas, the highest was Region VI while in Mindanao; the BARRM ECs received the most. The table below shows the summary of subsidy released per region.

**Status of Subsidy Releases per Region (PhP Million)
First Semester of 2020**

REGION	PURPOSE		
	ELECTRIFICATION	CALAMITY	TOTAL
I	-	17.471	17.471
II	3.287	153.902	157.189
CAR	34.960	67.509	102.469
III	26.235	0.639	26.874
IV	2.887	-	2.887
MIMAROPA	26.109	6.280	32.389
V	26.019	-	26.019
LUZON	119.497	245.801	365.298
VI	77.645	51.075	128.720
VII	45.324	4.657	49.981
VIII	37.829	5.670	43.499
VISAYAS	160.798	61.402	222.200
IX	32.873	-	32.873
X	30.781	-	30.781
XI	0.997	-	0.997
XII	1.519	-	1.519
ARMM	5.103	95.806	100.909
CARAGA	14.523	-	14.523
MINDANAO	85.796	95.806	181.602
NATIONAL	366.091	403.009	769.100

Based from the provision in the Guidelines of STEP, the electric cooperatives can also source their electrification funds from ER 1-94, funds from local government units, reinvestment fund, loan fund, EC internally generated fund, private sector through from qualified third party and from the new power provider, grants and donations from local and foreign investors and big private companies/corporations.

3. Release of Loans and Credit Accommodation to Electric Cooperatives

Granting of loans and credit accommodation is one of the financial assistance of the NEA to ECs. This is based in the provisions in PD 269 and Section 5(o) of RA 10531. However, when the country was placed under a state of calamity due to COVID-19 pandemic, the capacity to accommodate requests for loans was affected. The available resources for the loan facility was depleted due to the extension of payment of EC loan amortization due for the first and second quarter of 2020.

Due to the above financial constraints, the NEA was able to process and approve loan applications of 19 electric cooperatives, 9 of which are for capital expenditures and 12 for restoration and rehabilitation of typhoon - damaged electric distribution system amounting to PhP 174.288 million and PhP 103.080 million, respectively.

Compared with the same period last year, there was a decrease of 31.5%. The table below shows the comparison of loans released broken down into three major island groups.

Major Island	First Semester 2020 vs First Semester 2019 (PhP million)			
	First Semester 2020	First Semester 2019	Difference	Percent Change
Luzon	188.431	182,58	5.851	3.2%
Visayas	29.584	10,00	19.584	195.8%
Mindanao	59.353	212.49	(153.137)	(72.1%)
NATIONAL	277.368	405.07	(127.702)	(31.5%)

The top five (5) regions that availed loans are Region V (PhP 118.524M), Region X (PhP 38.762M), Region IV (PhP 33.641M), MIMAROPA (PhP 26.429M) and Region VIII (PhP 20.506M). Regional status was presented in the following table:

Status of Loan Releases per Region (PhP Million)

REGION	PURPOSE		
	CAPEX	CALAMITY	TOTAL
I	-	-	
II	9.837	-	9.837
CAR	-	-	
III	-	-	
IV	33.641	-	33.641
MIMAROPA	-	26.429	26.429
V	71.457	47.067	118.524
LUZON	114.935	73.496	188.431
VI	-	9.078	9.078
VII	-	-	
VIII	-	20.506	20.506
VISAYAS	-	29.584	29.584
IX	-	-	
X	38.762	-	38.762
XI	14.021	-	14.021
XII	-	-	
ARMM	6.570	-	6.570
CARAGA		-	
MINDANAO	59.353	-	59.353
NATIONAL	174.288	103.080	277.368

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.

Upon the outbreak of the COVID-19 pandemic, the directives and issuances of the Inter-Agency Task Force on Emerging Infectious Diseases, provisions of training had been a challenge to the Agency. These included the following:

- a. DBM National Budget Circular No. 580 on “Adoption of Economy Measures in the Government due to the Emergency Health Situation” provision of “Discontinuance by at least 10% of MOOE items such as cost of trainings/seminars/workshops and consumption of fuel/other utilities and supplies and materials
- b. National Economic and Development Authority “We Recover As One” that need to practice physical distancing; mass gatherings will continue to be restricted or discouraged, use of digital technology will increase significantly. NGAs, GOCCs and LGUs need to shift to electronic and paperless systems, zero-contact policies, online transactions and new channels for service delivery and increased telecommuting or other alternative work arrangements in both the government and private sectors.

The NEA pursued its commitment to continue provision of empowerment programs for NEA associates and the management and staff of ECs. The previous strategy of personal face-to-face meetings and gathering shifted to virtual conduct of trainings and Webinars.

During the first semester of 2020, there were 29 training and scholarship programs conducted and facilitated for both the NEA and EC staff. Out of the twenty-nine (29), fifteen (15) programs were introduced for NEA associates and attended by 100 participants. Fourteen (14) were conducted for EC management and staff and 655 were trained in different disciplines.

The following are the trainings and scholarship conducted and facilitated for NEA associates during the First Semester of 2020:

	PROGRAM	NO. OF PARTIPANTS	INCLUSIVE DATE
1	Training Course for Managing Heads (LS)	1	01/23/20
2	Basic Training Course for Pollution Control Officers (LS)	1	01/21 to 01/24/20
3	2020 Career Service Executive Conclave (LS)	4	01/28/20
4	Certificate Course in Electric Power Management (FS)	1	01/06 to 02/07/20
5	Project Management Skills Training	24	02/18 to 02/19/20
6	Sustainability Strategy and Reporting (LS)	2	02/19 to 02/20/20
7	Gender Sensitivity Training	26	03/10 to 03/11/20
8	Planning, Operation and Maintenance of Power Generation Projects (FS) - cut short due to pandemic (Original schedule is February 17 to March 27, 2020)	1	02/17 to 03/19/20
9	Incident Command System Executive Course (FS)	1	03/05/20
10	Drone Operations Training (CSW only - schedule affected by lockdown)	6	03/18/20

11	Technical Report Writing (CSW only - schedule affected by lockdown)	25	03/19 to 03/20/20
12	Incident Command System Executive Course for Utility Service Providers	4	03/12/20
13	Leading in Times of Crisis	1	05/25 to 05/29/20
14	ICD Webinar: Future-Ready Boards: A Deep Dive	1	05/28/20
15	Accelerating the Renewable Energy Transition: Emerging Policy Developments and Lessons Learned from Vietnam	2	06/15/20

For the EC management and staff, the following trainings had been introduced from January to June 2020:

	PROGRAM	EC	NO. OF PARTICIPANTS	INCLUSIVE DATE
1	Seminar - Workshop on Work Attitude and Values Enhancement at Workplace (WAVE-W) for EC Employees	Batch 1-61 Batch 2-61 ILECO I	122	01/29/20 01/31/20
2	Seminar-Workshop on Implementing Net Metering Rules and Interconnection Standards	ZANECO	43	01/29 to 01/30/20
3	Seminar-Workshop on Revised Procurement Guidelines and Simplified Bidding Procedures for Electric Cooperatives IRR - RA 10531	ISELCO II	40	02/05 to 02/06/20
4	Loss Control Management	ZAMECO II	40	02/03 to 02/07/20
5	Seminar - Workshop on Meter Reading, Billing and Collection and Disconnection Enhancement (MRBCD)	ISELCO II	54	02/11 to 02/13/20
6	Seminar-Workshop on Corporate Governance Course for Rural Bank Directors and Officers		42	02/12 to 02/13/20
7	Seminar-Workshop on Internal Auditing Foundational Elements - Module 1	ANECO	47	02/18 to 02/21/20
8	Philippine Electric Power Industry	FRECOR VIII	41	02/19 to 02/20/20
9	Seminar-Workshop on Revised Procurement Guidelines and Simplified Bidding Procedures for Electric Cooperatives IRR - RA 10531	PELCO II	41	02/19 to 02/20/20
10	Basic Lineman Training C.3course	AURELCO	44	2/11 to 03/09/20

11	Distribution Impact Study Training	PELCO I	30	03/09 to 03/13/20
12	Seminar-Workshop on Internal Auditing	Batch 3	49	03/03 to 03/06/20
13	Leading in Times of Crisis	Batch 1	32	05/25/to 05/29/20
14	Leading in Times of Crisis	Batch 2	30	06/22 to 06/26/20

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.

Two (2) existing policy and guideline were amended and revised during the first quarter of 2020. The policy and guideline shall take effect upon the confirmation and approval of the NEA Board of Administrators and 15 days upon filing with the University of the Philippines (UP) Law Center pursuant to the Presidential Memorandum Circular No.11, dated October 9, 1992.

PARTICULARS
Date Approved: 19 February 2020
Proposed Amendment To NEA Loan Policy 14-B (Charging Of Service/Processing For NEA Board Clearance To ECs To Avail Loan From Other Sources)
Date Approved: 30 April 2020
Proposed Revision Of Section 29 Of The Standard Joint Pole Agreement And Pole Rental Rate

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. Subsidized Household Electrification Program (SHEP)

The NEA has allotted PhP153 million for the Solar Photovoltaic (PV) Mainstreaming Program necessary for the implementation of the Strategized Household Electrification Program. 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 5,039 households using 50 Wp Solar Home System (SHS) units.

As of the first semester of 2020, a bidding for the Supply, Delivery and Installation of the Solar Home System units was done and the result was forwarded to NEA for subsidy fund release.

However, the delivery and installation was affected by the COVID-19 pandemic situation. The supposed Factory Acceptance Test (FAT) to be done in China was affected by the travel restriction. As a way forward, NEA prepared a FAT Light procedure as an alternative thus delivery and installation will start upon EC completion of the said procedure.

The beneficiaries are the following:

Electric Cooperative	Beneficiaries (Number of Households)
Busuanga Island Electric Cooperative, Inc.	1,200
Camarines Sur IV Electric Cooperative, Inc.	878
Iloilo III Electric Cooperative, Inc.	931
Zamboanga Norte Electric Cooperative, Inc.	967
Cotabato Electric Cooperative, Inc.	1,063
TOTAL	5,039

2. Subsidized Sitio Electrification Program (SSEP)

The NEA has allocated PhP 12 million for the conduct of Feasibility Study on Establishing a Mini-Grid System with Renewable Energy Source. The feasibility study is directed to provide electricity to six (6) off-grid areas using renewable energy in the franchise areas of EC beneficiaries.

For this purpose, Quezon II Electric Cooperative, Inc. (QUEZELCO II) submitted requirements for Barangays Carlagan and Cabungalunan in Burdeos, Quezon and Barangay Rizal in Panulukan, Quezon. ZANECO submitted requirements for Barangay Selinog in Dapitan City while SOCOTECO II for Barangays J. P. Laurel and Tamban in Sarangani Province.

NEA evaluated the submission and prepared Terms of Reference (TOR). The electric cooperatives (ECs) will proceed to bidding out after the finalization of the TOR.

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 ECs will operate and maintain this program under a fixed monthly tariff approved by the Energy Regulatory Commission (ERC).

During the first semester of 2020, the National Power Corporation Project Manager conducted competitive bidding for the procurement of Solar Home System (SHS) units for the PVM Program Window 2. This program is energizing additional 30,500 households using SHS in the franchise areas of Cotabato Electric Cooperative, Inc. (COTELCO), Davao Sur Electric Cooperative, Inc. (DASURECO), South Cotabato II Electric Cooperative, Inc. (SOCOTECO II), Sultan Kudarat Electric Cooperative, Inc. (SUKELCO), First Bukidnon Electric Cooperative, Inc. (FIBECO) and Bukidnon Second Electric Cooperative, Inc. (BUSECO). The implementation are expected to be completed on the last quarter of 2020.

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 ECs 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 million Euros (maximum) donation or approximately PhP 63.86 million. 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

Seven (7) ECs passed the selection criteria as potential beneficiaries. These are Benguet Electric Cooperative, Inc. (BENECO), Ilocos Norte Electric Cooperative, Inc. (INEC), Pangasinan I Electric Cooperative, Inc. (PANELCO I), Samar I Electric Cooperative, Inc. (SAMELCO I), Samar II Electric Cooperative, Inc. (SAMELCO II),

South Cotabato II Electric Cooperative, Inc. (SOCOTECO II) and Sultan Kudarat Electric Cooperative, Inc. (SUKELCO).

An online meeting took place to revisit the status of the project this second quarter of 2020. The ECs are in the process of securing documentary requirements from the Department of Energy (DOE).

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 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

Value/option analysis will be applied in the conduct of the study including assessment of costs and risks to determine the most economical and cost effective resulting to ensure the highest value of money for the Government.

On January 2020, Engineering and Development Corporation of the Philippines (EDCOP) and Tractebel conducted a Prosumer software overview and discussion. Initial report was submitted to NEA and NEDA for review prior to its finalization. Final Report is expected to be endorsed by third quarter of 2020 for approval of NEDA and NEA. Upon completion and approval, the feasibility studies will be issued to SAMELCO I, SAMECO II and NORSAMELCO for implementation.

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 excess power will be delivered to the grid. This is monitored by a bidirectional meter which records the imported and exported energy the major objectives are to generate savings and mitigate climate change. The project will be completed by the third quarter of 2020.

BATELEC II conducted and completed competitive bidding activities. However, the delivery and installation were slightly affected by the COVID19 Pandemic situation. The project’s targeted completion date was moved to the last quarter instead of 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 inform the Electric Cooperatives of the implementing rules, policy and guidelines on Renewable Energy Programs.

I. Net-Metering Implementing Rules and Interconnection Standards

Electric Cooperative	Date Conducted	Number of Participants
ZANECO	January 29-30	54

Seminar-workshop on Net-Metering program was conducted on January 29 to 30, 2020. It aims to help ECs gain understanding on solar rooftop installations and other RE technologies under the net-metering scheme and on the implementation of their net-metering implementation plans.

II. Simplified Planning Tool (SPT) of Renewable Energy-Diesel Hybrid System and Design of Utility Scale Solar PV

Electric Cooperative	Date Conducted	Number of Participants
NUVELCO	March 3-5	17

Simplified Planning Tool “SPT” on Renewable Energy (RE) - Diesel Hybrid System Program was conducted on March 3 to 5, 2020. The program is designed to efficiently and economically utilize the renewable energy resources for island communities. The seminar –workshop has the following objectives:

- a. Helps the ECs to understand the basic concept of renewable energy-diesel hybridization
- b. Educate the ECs in the preparation of technical and financial simulation
- c. Assess and develop RE-Diesel hybrid applications in a more systematic approach
- d. Design and develop the least cost hybrid configuration

III. PHILATMEC-Mindanao First Quarterly Meeting and Technical Seminar with DOE and NEA

Attendees	Date Conducted	Number of Participants
MINDANAO Region	January 22-24	23 ECs

The NEA facilitated the seminar on the development of Renewable Energy Micro-Grid Projects. The objectives are to equip the Mindanao ECs with the knowledge and skills and to update with different schemes in the project-planning phase of the Renewable Energy Micro-grid Projects. The DOE assisted and discussed the Green Energy Pricing Program while NEA discussed Renewable Energy Programs and Policies such as (1) Competitive Selection Process and Business Separation Guidelines, (2) Introduction to Renewable Energy, (3) Concept of Hybridization with Renewable Energy, (4) Simplified Planning Tool 3.0; and (4) other related workshop on the familiarization of the tool.

7. 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

There are many implementation challenges and issues adversely affecting the ECs' operation and performance and worst may cause performance deterioration. These includes:

- a. Unstable peace and order situation
- b. High level of poverty
- c. Strong political interventions
- d. Cultural and ethnic beliefs
- e. Governance and management issues
- f. Natural and man-made calamities
- g. Financial concerns such as overdue power accounts from PSALM and power generating companies, unrecoverable the interest, surcharges and penalties from consumers' bill, huge uncollected power accounts from local government units, military camps and other government agencies, inappropriate distribution rates, among others
- h. Technical concerns such as old, dilapidated distribution line system, transformer overloading, lack of long - term power supply contracts

The electric cooperatives are evaluated based on Guidelines for the Classification for ECs and Provision for NEA Intervention under Memorandum Order No. 2014-001 issued on January 14, 2014. This guideline includes set of standards and criteria on financial and operational status of ECs. The non-compliant ECs will be precluded and declared as "ailing" and may be open for alternative options or partnership with qualified private sector investors.

As of June 30, 2020, there were still eight ECs classified as ailing or under- performing. They are ABRECO, ALECO, MASELCO and TISELCO in Luzon and BASELCO, TAWELCO, SULECO and LASURECO in Mindanao. To mitigate the difficulties of these ECs and refrain from continuous financial and operational deterioration, the NEA enters, but not limited to the following interventions:

- a. Creation of Task Force Power and Management Teams
- b. Designation of Acting General Managers and/or Project Supervisors
- c. Appointment of NEA Representative to the EC Board of Directors (BODs)
- d. Formulation and Issuance of new and relevant Policies and Guidelines
- e. Round Table Assessment of the implementation of plans and program
- f. Provision of loans and subsidies
- g. Capacity Building for EC management and staff
- h. Member-Consumer-Owners (MCO) Empowerment Program
- i. Financial, institutional and technical services facilities

The NEA's intervention concerns on the improvement of EC operation, refrain from or prevent further financial and operational deterioration and bring back the EC to its stable and healthy condition.

Below are the status of ailing and/or underperforming ECs and the NEA extended interventions from January to June 2020:

1. ALECO

ALECO is under a twenty-five (25) year Concession Agreement with San Miguel Energy Corporation (SMEC) and its subsidiary Albay Electric Power Company (APEC) since October 2013.

Year	Categorization	Classification - Color	Classification - Size
2019	D	R	ML
2018	D	R	ML
2017	D	R	ML
2016	D	R	ML
2015	D	R	ML

During the first semester, the NEA reviewed and evaluated the 2019 accomplishment report based on the approved Operation Improvement Plan (OIP) to ensure that the planned projects and activities were implemented.

Assistance was also extended to modify the 2020 proposed Operation Improvement Plan (OIP) template to Strategic Development Plan (SDP) format to reinforce its activities for the improvement of collection efficiency, power reliability and reduction of system losses in both the technical and non-technical aspects.

On February 24, 2020, NEA installed Mr. Lorenzo A. Penoliar as the new Project Supervisor of ALECO through NEA Office Order No. 2020 -043.

2. ABRECO

Year	Categorization	Classification - Color	Classification - Size
2019	C	R	EL
2018	D	R	EL
2017	D	R	EL
2016	D	R	L
2015	D	R	L

On January 16, 2020, NEA designated Engr. Victor L. Baula from Bangued as the new Acting General Manager (AGM) effective February 3 of this year to ensure efficient delivery of electric service to member-consumer-owners (MCOs).

Upon the recommendation of the Task Force ABRECO Power, NEA issued Office Order No. 2020-020 on 03 February 2020, identifying the functions of the AGM. This is to ensure

the continuity of strategies initiated by the Task Force and Management including but not limited to the implementation of structural organization, strategic development program, technical projects and other vital undertakings. The function on the exercise of powers to hire, transfer, discipline and terminate coop personnel or any personnel movement must have the authority of the Task Force and approval of NEA before execution.

The EC has problems on financial viability, as its one-month working capital requirement is higher by 50% or more than the available working capital fund. The collection efficiency is below the standard level and the EC stays in arrears with its payment to the power supplier.

Unreliable Billing System contributes to this financial unviability. BENECO, one of the members of Task Force Duterte –ABRECO Power (TFD-AP) offered its Billing System free including installation and training of employees. The upgrading of the Billing System corrected the unreliable data of the previous billing system including the reconciliation and updating of the billing ledgers.

For institution reform and development, NEA conducted Meter Reading, Billing, Collection and Disconnection Enhancement Seminar-Workshop (MRBCD). This is to assess and strengthen the capability of meter readers on efficient reading of kWh meters to account consumer consumptions accurately.

Moreover, the NEA assisted in the capacity building of Member-Consumer-Owner Program Empowerment (MCOPE) on their roles and functions to the rural electrification program, changes and challenges of the EPIRA environment (EPIRA 101 and CMC, etc.) among others.

To ensure that the EC implemented the planned projects and activities, the NEA reviewed and monitored the 2019 and the first semester 2020 accomplishment based on the EC Strategic Development Plan and will continue to monitor and evaluate their project/plans implementation in the remaining second half of 2020.

3. MASELCO

Year	Categorization	Classification - Color	Classification - Size
2019	C	R	EL
2018	C	R	EL
2017	D	R	EL
2016	D	R	EL
2015	D	R	EL

On February 24, 2020, NEA issued Officer Order No. 2020-044, designating Deputy Administrator Rossan SJ. Rosero-Lee as Project Supervisor (PS) of MASELCO. Acting General Manager (AGM) Romeo V. Acuesta shall continue to function as such.

NEA assisted MASELCO in the formulation of the 2020 Strategic Development Plan to include projects, programs and activities to improve major concerns of MASELCO. For the improvement of financial operations, implementation of fees/rates adjustment on inspection and other services like pole rental, cutting of operating expenses and disposal of non-performing assets will be continually monitored and assessed.

Financial assistance for construction of Cataingan 10MVA SS at Curvada, Cataingan, restoration and rehabilitation of the damaged electric distribution lines by Typhoons Tisoy and Ursula was approved and released.

For technical assistance, NEA did the analysis and evaluation of CAPEX projects to improve power quality and capacity problems specifically on the low voltages incurred in the area of Cataingan, Placer, Balud, Dimasalang, Esperanza, Aroroy, Mandaon in order to attract potential large load connections.

On institutional development, NEA capacitated the ECs on the organization of MCOs and on Member-Consumer-Owners-Program for Empowerment (MCOPE).

4. TISELCO

Year	Categorization	Classification - Color	Classification - Size
2019	C	R	M
2018	C	R	M
2017	C	R	M
2016	C	R	M
2015	C	R	S

TISELCO continues to improve its operation for the last four (4) years thus it is proposed for delisting from the official list of ailing electric cooperatives.

NEA continues to assess and monitor the quarterly accomplishments of the implementation of the 2020 Strategic Development Plan projects, programs and activities.

Financial assistance includes approval and release of regular and calamity loan for the following purposes:

- a. Acquisition of ACSR #2 (insulated and bare)
- b. Procurement of distribution network transformers
- c. Installation & splitting of load dist. transformers & reconducturing of loaded secondary lines for transformer
- d. Conversion of 10.48 circuit km, single phase to three phase line
- e. Rehabilitation of the damaged distribution lines damaged by Typhoon Tisoy

Lastly, NEA capacitated the ECs on the organization of Member-Consumer-Owners Organization (MCOOs) and conducted seminars on Member-Consumer-Owners-Program for Empowerment (MCOPE).

5. BASELCO

Year	Categorization	Classification - Color	Classification - Size
2019	D	R	L
2018	D	R	L
2017	D	R	L
2016	D	R	L
2015	D	R	L

NEA confirmed the permanent position of Mr. Dusib H. Durapan as the General Manager under Performance Management Contract.

Technical staff of NEA assisted the EC in the packaging and delivery of JICA - donated equipment and materials intended for the rehabilitation of 30 kms. backbone lines from Isabela City to Lamitan City. They also extended a hands-on assistance in the preparation of design, plans, programs and documentation for the improvement of electrification in Malamawi Island, a provincial priority program with a newly constructed seaport.

Moreover, a hands-on technical assistance was also extended in the preparation of CAPEX projects to accommodate the increase of load demand, increase of consumer connections/applicants and to improve the operational performance of the system.

The NEA continues to monitor the quarterly accomplishments of EC based on the 2020 Operation Improvement Plan projects, programs and activities

6. SULECO

Year	Categorization	Classification - Color	Classification - Size
2019	C	R	L
2018	C	R	L
2017	C	R	L
2016	D	R	L
2015	D	R	L

SULECO was also one of the beneficiaries of JICA program, thus NEA also assisted the EC in the packaging and delivery of the donated equipment and materials, such as poles, conductors, distribution transformers and grounding wire, intended for the rehabilitation of backbone lines within the EC coverage area.

7. TAWELCO

Year	Categorization	Classification - Color	Classification - Size
2019	D	R	M
2018	D	R	M
2017	D	R	M
2016	D	R	M
2015	D	R	M

TAWELCO was under the supervision of NEA - designated PS/AGM Engr. Eleno M. Desuyo, Jr. who was installed on October 17, 2019.

For the first semester of 2020, NEA assisted TAWELCO in the packaging and delivery of JICA donated equipment and materials for the rehabilitation of around 17 kilometers backbone lines and improvement of the electric distribution system. Relative to this, the EC was also provided a total subsidy of PhP 11.42 million for its labor and overhead cost.

During the first quarter of 2020, the officers, management and employees covering the period January 1, 2014 to September 30, 2019 deployed NEA auditors to TAWELCO to conduct comprehensive audit to address various complaints on irregularities and mismanagement. Auditors recommended for a Motu Propio Investigation by the NEA Administrative Committee. The EC was also issued a show cause order for the violations done.

8. LASURECO

Year	Categorization	Classification - Color	Classification - Size
2019	D	R	EL
2018	D	R	EL
2017	D	R	EL
2016	D	R	EL
2015	D	R	EL

NEA Deputy Administrator Vicar Loureen G, Lofranco was designated as Project Supervisor of LASURECO on June 18, 2019. One of her main role is to supervise the management and operation of the EC.

The major project of LASURECO is the Marawi Recovery, Rehabilitation and Reconstruction Program, chargeable against funds from the National Disaster Risk Reduction and Management. The project was in three-phases:

Phase 1 Projects: (Fund released - Oct. 2019)

a. Rehab/revamp of Distribution Line - PhP138.36M

- b. Electrification of Temporary Shelter (2018) – PhP 57M
 - c. Construction of Distribution Line for Permanent Shelter – PhP 8.7M
- Status: On-going construction

Phase 2 Projects: (Fund Released - Jan. 2020)

- a. Electrification of Temporary Shelter (2019) – PhP 20M
- b. Electrification of Permanent Shelter – PhP 31.8M
- c. Power Infrastructure Development of District I - PhP 54.5M

Status: Award of contract, on-going construction. Partial fund was released to EC

Phase 3 Projects:

- a. Underground facilities – PhP 106.68M
- b. Overhead facilities – PhP 404.92M
- c. Administrative – PhP 20.46

Status: Evaluation of Budget Request; Awaiting for fund release from DBM

NEA provided subsidy funds amounting to Php20.20M intended for the labor and overhead cost in the rehabilitation of backbone lines utilizing the JICA donated equipment and materials.

In addition, NEA also provided assistance in the CAPEX preparation, analysis, and evaluation, formulation of the ECs 2020 Operation Improvement Plan (OIP), preparation of the Monthly Financial and Statistical Report and preparation of Projected Cash Statement and Revenue Sales.

Annex A: Status of 2020 Rural Electrification Program (January – June)

Electric Cooperatives	Sitios	Consumer Connections
Region I	5	12,625
ISECO		1,387
ISELCO		2,074
LUELCO		2,279
PANELCO I	5	1,169
CENPELCO		3,745
PANELCO III		1,971
Region II	20	8,979
BATANELCO		138
CAGELCO I		1,999
CAGELCO II		1,006
ISELCO I		1,734
ISELCO II	20	1,802
NUVELCO		1,369
QUIRELCO		931
CAR	7	3,744
ABRECO		434
BENECO		1,231
IFELCO		1,190
KAELCO		266
MOPRECO	7	623
Region III	8	19,385
AURELCO	1	1,065
TARELCO I		2,061
TARELCO II		1,589
NEECO I		1,122
NEECO II – Area 1		2,138
NEECO II – Area 2	7	1,423
SAJELCO		492
PRESCO		475
PELCO I		1,959
PELCO II		2,263
PELCO III		858
PENELCO		2,017
ZAMECO I		968
ZAMECO II		955

Annex A: Status of 2020 Rural Electrification Program (January – June)

Electric Cooperatives	Sitios	Consumer Connections
Region IV-A	19	7,779
FLECO		615
BATELEC I		822
BATELEC II		3,959
QUEZELCO I	16	1,403
QUEZELCO II	3	980
Region IV-A	5	9,006
LUBELCO		221
OMECO		774
ORMECO		3,840
MARELCO		710
TIELCO		717
ROMELCO		368
BISELCO		497
PALECO	5	1,879
Region V	22	13,552
CANORECO		3,210
CASURECO I		1,336
CASURECO II		1,351
CASURECO III	6	888
CASURECO IV	7	1,041
ALECO		437
SORECO I		874
SORECO II		1,269
FICELCO		1,103
MASELCO	9	1,767
TISELCO		276
Luzon	86	75,070

Annex A: Status of 2020 Rural Electrification Program (January – June)

Electric Cooperatives	Sitios	Consumer Connections
Region VI	8	21,899
AKELCO		2,359
ANTECO		1,602
CAPELCO		2,297
ILECO I		1,755
ILECO II	5	1,653
ILECO III		3,092
GUIMELCO		514
NONECO	3	2,727
CENECO		3,333
NOCECO		2,567
Region VII	2	16,240
NORECO I	2	971
NORECO II		2,898
BANELCO		915
CEBECO I		1,951
CEBECO II		1,969
CEBECO III		1,749
PROSIELCO		450
CELCO		215
BOHECO I		2,703
BOHECO II		2,419
Region VII	11	19,948
DORELCO	5	1,686
LEYECO II		1,115
LEYECO III		2,228
LEYECO IV		765
LEYECO V	6	3,927
SOLECO		1,982
BILECO		559
NORSAMELCO		4,035
SAMELCO I		817
SAMELCO II		987
ESAMELCO		1,847
Visayas	21	58,087

Annex A: Status of 2020 Rural Electrification Program (January – June)

Electric Cooperatives	Sitios	Consumer Connections
Region IX	27	27,536
ZANECO	15	10,387
ZAMSURECO I	6	13,675
ZAMSURECO II	6	2,029
ZAMCELCO		1,445
Region X	20	16,054
MOELCI I		1,593
MOELCI II		1,071
MORESCO I		2,629
MORESCO II		1,430
FIBECO	4	4,760
BUSECO		2,400
BASELCO		201
LANECO	16	1,970
Region XI	18	7,344
DORECO	5	1,601
DANECO	6	2,667
DASURECO	7	3,076
Region XII	1	15,394
COTELCO	1	3,066
COTELCO-PPALMA		831
SOCOTECO I		1,527
SOCOTECO II		3,946
SUKELCO		6,024
ARMM	4	-
TAWELCO		-
SIASELCO		-
SULECO	1	-
BASELCO		-
CASELCO		-
LASURECO	3	-
MAGELCO		-
REGION CARAGA	4	10,296
ANECO	1	2,624
ASELCO		1,458
SURNECO		797
SIARELCO		632
DIELCO	3	948
SURSECO I		2,701
SURSECO II		1,136
Mindanao	74	76,624
Total	181	209,781

Annex B: 2020 Subsidy Releases (January – June)

Electric Cooperatives	Amount
Region I	17,471,339.93
ISECO	5,175,000.00
LUELCO	3,764,380.01
PANELCO I	8,531,959.92
Region II	157,188,365.92
BATANELCO	13,697,517.24
CAGELCO I	69,930,000.00
CAGELCO II	68,110,166.62
NUVELCO	5,450,682.06
CAR	102,468,707.84
ABRECO	15,481,918.37
BENECO	31,337,633.53
IFELCO	11,143,175.00
KAELCO	13,185,000.00
MOPRECO	31,320,980.94
Region III	26,873,515.05
ZAMECO I	639,000.00
AURELCO	25,977,218.69
NEECO I	257,296.36
Region IV-A	2,887,209.17
QUEZELCO I	2,887,209.17
Region IV-B	32,389,895.88
BISELCO	31,451,104.88
OMECO	938,791.00
Region V	26,019,287.72
CASURECO IV	23,988,291.05
FICELCO	195,380.02
TISELCO	1,835,616.65
Region VI	128,720,066.84
AKELCO	76,284,168.02
ANTECO	5,131,017.33
ILECO II	691,525.13
ILECO III	25,436,331.40
NOCECO	8,880,638.44
NONECO	12,296,386.52
Region VII	49,980,991.18
BANELCO	3,439,420.30
BOHECO II	42,638,551.27
CEBECO II	1,217,223.94
NORECO I	2,685,795.67

Annex B: 2020 Subsidy Releases (January – June)

Electric Cooperatives	Amount
Region VIII	43,499,058.19
DORELCO	3,359,690.99
ESAMELCO	5,869,195.70
LEYECO II	1,471,645.28
LEYECO V	9,942,924.22
NORSAMELCO	890,622.64
SAMELCO I	8,644,292.48
SAMELCO II	11,319,364.24
SOLECO	2,001,322.64
Region IX	32,872,641.15
ZANECO	32,872,641.15
Region X	30,781,260.66
BUSECO	676,429.39
FIBECO	13,950,197.01
LANECO	15,438,716.56
MORESCO II	715,917.70
Region XI	997,137.06
DASURECO	997,137.06
Region XII	1,518,901.39
SOCOTECO I	1,518,901.39
ARMM	100,909,841.46
LASURECO	95,806,463.94
MAGELCO	5,103,377.52
Region XIII	14,522,706.95
ASELCO	9,469,335.36
SIARELCO	3,143,025.70
SURNECO	1,216,488.34
SURSECO I	424,998.01
SURSECO II	268,859.54
Total	769,100,926.39

Annex C: 2020 CAPEX Loans (January – June)

Electric Cooperatives	Loan Type	Project/s	Amount
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 (Final rel)	9,837,240.00
Region IV			
OMECCO	WC	To finance the cash shortfall on the settlement of power accounts with OMCCPC	33,641,033.00
Region V			
MASELCO	CONCESSIONAL	Construction of Cataingan 10MVA substation at Curvada, Cataingan (2nd release)	7,088,064.38
CASURECO I	RE-FR	Construction of CASURECO I's administrative building (Final rel.)	8,844,002.41
CASURECO I	RE-FR	Construction/Repair/Improvement of Non-Network Projects	652,963.22
CASURECO I	RE-FR	Improvement/Repair of consumer assistance 3 & 5, staff house, & proposed collection center in Lupi, Cam. Sur	1,436,038.46
CASURECO I	RE-FR	Purchase of 5 units reclosers	1,145,000.00
CASURECO I	RE-FR	Rehabilitation of Warehouse at Puron Batia, Libmanan, Cam. Sur (Final)	872,113.50
CASURECO I	RE-FR	Construction of 2-storey Consumer Assistance Office II at Libod . Libmanan, Cam. Sur (Final)	1,410,264.88
CASURECO I	RE-FR	Construction of 2-storey Consumer Assistance Office IV at Brgy. Ragay, Cam. Sur (Final)	1,513,213.11
CASURECO I	RE-FR	Construction of 2-storey Consumer Assistance Office VI at Sta. Rosa del Norge, Pasacao, Cam. Sur (Final)	1,753,504.36
CASURECO III	E-CAPEX	Installation of Protective Equipment & Steel Structures for Primary & Sec. Lines intended for 7.5 MVA, Bula substation (Final rel)	14,416,850.00
CASURECO III	E-CAPEX	Procurement & installation of Brand New 10MVA S/S at Inapatan, Nabua, Cam. Sur including S/S Site Development (2nd rel.)	22,671,375.00
TISELCO	RE LOAN	Acquisition of ACSR #2 (insulated and bare)	402,694.32
TISELCO	RE LOAN	Procurement of distribution network transformers	631,944.73
TISELCO	RE LOAN	Installation & splitting of load dist. Transformers & reconducturing of loaded secondary lines for transformer	2,189,433.09
TISELCO	RE LOAN	Conversion of 10.48 circuit km, single phase to three phase line	6,429,481.28
Region X			
MORESCO I	GENSET	For the supply, delivery, installation & commissioning of 3 units, 2MW Modular GenSets	38,761,875.00
Region XI			
DANECO	RE-FR	Purchase of test equipment	2,655,000.00
DANECO	RE-FR	Purchase of protection equipment	11,366,000.00
ARMM			
SULECO	CONCESSIONAL-JICA	Project Improvement of Equipment for Power Dist. in Bangsamoro Areas	6,569,715.48
Total			174,287,806.22

Annex D: 2020 Calamity Loans (January – June)

Electric Cooperatives	Calamity	Amount	Date Released
Region IV			
ORMECO	Typhoon Tisoy	14,223,114.00	2/10/2020
MARELCO	Typhoon Tisoy	2,248,581.18	2/03/2020
LUBELCO	Typhoon Tisoy	450,443.65	3/10/2020
TIELCO	Typhoon Tisoy	426,936.00	3/05/2020
OMECO	Typhoon Tisoy	1,985,629.00	4/14/2020
OMECO	Typhoon Ursula	7,094,173.92	4/14/2020
Region V			
CASURECO III	Typhoon Tisoy	7,220,177.61	1/16/2020
MASELCO	Typhoon Tisoy	7,554,649.19	1/24/2020
MASELCO	Typhoon Ursula	2,079,211.00	3/06/2020
TISELCO	Typhoon Tisoy	5,982,192.00	2/14/2020
SORECO I	Typhoon Tisoy	18,352,725.51	2/07/2020
SORECO II	Typhoon Tisoy	5,878,251.05	3/04/2020
Region VI			
ILECO III	Typhoon Ursula	9,078,148.00	5/05/2020
Region VIII			
NORSAMELCO	Typhoon Tisoy	20,505,984.00	2/13/2020
Total		103,080,216.11	