

Programs/Projects/Activities	Description	Geographic Coverage (province, municipality, barangay)	Resource Requirement	Physical Performance						Remarks/Impact	Issues and Challenges Encountered
				Indicator	Benchmark	Target		Actual			
					2018	2019	2020	2019	2020		
C. Economic Development											
41. Missionary Electrification Project											
a) CAPACITY ADDITION (LEASE)											
a.1) EXISTING RENTAL	34.80	Luzon/Visayas/ Mindanao		MW	32.60	33.00	30.10	30.70	34.20	TO COMPLEMENT EXISTING CAPACITY IN PSP AREAS PENDING PRIVATIZATION OF THE AREAS	
LUZON AREA	15.80	Various Areas	156,301,200.00	MW	15.60	10.00	13.60	13.70	15.20		
1) BASCO DPP (Lessor: HASTINGS Motor Corp.)	1.10	Basco, Batanes	15,780,000.00	MW	0.60	-	1.50	0.60	1.10	Commercial operation ongoing. Existing one (1) year lease contract until 24 July 2021.	
2) TORRIJOS DPP (Lessor: AGGREKO ENERGY RENTAL SOLUTIONS)	1.50	Torrijos, Marinduque	18,250,000.00	MW	1.50	-	-	1.50	1.50	Commercial operation ongoing. Existing one (1) year lease contract until 18 March 2021. Subject for another one (1) year lease contract requirement. Procurement process on-going.	Genset to be leased will be installed at Boac DPP.
3) BOAC DPP (Lessor: AGGREKO ENERGY RENTAL SOLUTIONS)	4.00	Boac, Marinduque	33,069,000.00	MW	4.00	4.00	1.50	4.00	4.00	Commercial operation ongoing. Existing new one (1) year lease contract to end on 24 October 2021.	
4) MAMBURAO DPP (Lessor: AGGREKO ENERGY RENTAL SOLUTIONS)	4.00	Occ. Mindoro	34,632,000.00	MW	6.00	2.00	4.00	4.00	4.00	Commercial operation ongoing. Existing new one (1) year lease contract to end on 08 October 2021.	
5) EL NIDO DPP Lessor: AGGREKO ENERGY RENTAL SOLUTIONS)	2.00	Palawan	20,659,000.00	MW	2.00	2.00	2.00	2.00	2.00	Commercial operation ongoing. Existing one (1) year lease contract to end on 02 March 2021. Subject for another one (1) year lease contract requirement. Procurement process on-going.	
6) EL NIDO DPP (Lessor: MONARK Equipment Corp)	1.00	Palawan	12,538,700.00	MW			1.00		1.00	Commercial operation ongoing. Existing new one (1) year lease contract to end on 29 October 2021.	
7) TAYTAY DPP (Lessor: AGGREKO ENERGY RENTAL SOLUTIONS)	1.00	Palawan	13,103,500.00	MW	1.50	2.00	2.00	1.00	1.00	Commercial operation ongoing. Three (3) months contract extension to end on 15 March 2021 pending the procurement of one (1) year lease contract which is on process.	Failed bidding on 28 Dec 2020. Schedule for re- bid.
8) San Vicente DPP	0.60						0.60		-		
9) TICAO DPP (Lessor: DMX Tech.)	0.60	Palawan	8,269,000.00	MW	-	-	1.00	0.60	0.60	Commercial operation ongoing. Existing contract until 30 January 2021. Subject for another 1 year lease contract with new lessor with increased capacity of 1.0MW requirement.	The expiring contract with DMX Tech will be replaced by the newly awarded contract with Cost Plusd.

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MINDANAO AREA	19.00	Mindanao Areas	240,112,340.00	MW	17.00	14.00	16.50	17.00	19.00		
10) DINAGAT DPP (Lessor: AGGREKO Energy Rental Solutions)	3.50	Dinagat Island	42,990,000.00	MW	2.50	-	1.00	2.50	3.50	Commercial operation ongoing. Newly awarded contract of consolidated 3.5MW capacity to end on 18 September 2021.	-
11) JOLO DPP (Lessor: AGGREKO Energy Rental Solutions)	4.50	Busbus, Jolo, Sulu	64,086,700.00	MW	4.50	4.50	10.00	4.50	4.50	Commercial operation ongoing. Newly awarded contract of one (1) year lease to end on 23 August 2021.	-
12) JOLO DPP (Lessor: MONARK Equipment Corp	3.00	Busbus, Jolo, Sulu	39,824,640.00	MW	3.00	4.50		3.00	3.00	Commercial operation ongoing. Existing lease contract extended pending mobilization of the new lease contract with AERSI with increased capacity requirement of 4.0MW	-
13) BASILAN DPP (Lessor: AGGREKO Energy Rental Solutions)	5.00	Isabela, Basilan	56,550,000.00	MW	5.00	5.00	4.00	5.00	5.00	Commercial operation ongoing. Existing contract to end on 21 January 2021. Will be replaced with new lease contract of consolidated 6.5MW capacity requirement. Contract preparation on process.	-
14) Siasi DPP	1.00						1.00				
15) KALAMANSIG DPP (Lessor: AGGREKO Energy Rental Solutions)	2.00	Sultan Kudarat	36,661,000.00	MW	2.00	-	0.50	2.00	3.00	Commercial operation ongoing. New contract with requirement of 3.0MW capacity awarded to Aggreko. New (1) year lease contract to end on 23 October 2021	-
REPLACEMENT						9.00					
16) PB 120	4.00	Mogpog, Marinduque	6,895,350.00			4.00				Capacity replacement for drydocking.	
			3,266,550.00								
17) Romblon Grid	1.00	Romblon, Romblon	3,267,600.00			1.00				Capacity replacement for the drydocking of PB 109 & 114. With 1.8MW capacity addition for the land base in 2018 and 1.8MW additional capacities for the barges.	
18) PB 119	4.00	Isabela, Basilan	17,146,500.00			4.00				Capacity replacement for drydocking.	

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b) INCREASE IN OPERATING HOURS											
b.1) INCREASE IN OPERATING HOURS (EXISTING AREA)		Luzon/Visayas/ Mindanao								TO COMPLY WITH DOE MANDATE FOR 24/7 SERVICE OPERATION IN ALL MISSIONARY AREAS	
LUZON/VISAYAS/MINDANAO		Various Areas			37.00	34.00	-	24.00	14.00		
4-8 HOURS		Various SPUG Areas			15.00	1.00	-	1.00	3.00	Increase in operating hours served as scheduled	New three (3) additional Areas for 2020 with total rated capacity of 0.39MW: 1)Gibusong DPP, Dinagat Island, Mindanao 2) Mangsee DPP, Palawan 3) Calandagan DPP, Palawan
9-16 HOURS		Various SPUG Areas			14.00	16.00	-	6.00	2.00	Implementation of the increase of operating hours for 10 plants is pending due to the delay of capacity addition projects to complement the increase in demand.	New Two (2) additional Areas for 2020 with total rated capacity of 1.20MW: 1) Languyan DPP, Tawi Tawi 2) Gilotongan DPP, Masbate
24 HOURS		Various SPUG Areas			8.00	17.00	-	17.00	9.00	Increase in operating hours served as scheduled.	New Seven (7) additional Areas for 2020 with total rated capacity of 5.93MW: 1) San Jose DPP, Romblon 2) Jomalig DPP, Quezon 3) Linapacan DPP, Palawan 4) Cagayancillo DPP, Palawan 5) Calayan DPP, Cagayan 6) Palumbanes DPP, Catanduanes 7) Cabra DPP, Occidental Mindoro 8) Batan, DPP, Albay 9) Conception DPP, Romblon

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c. CAPACITY ADDITION (New)		Various SPUG Areas	2,406,282,467.74	MW	9.12	19.08	38.57	4.92	19.09	TO PROVIDE ADDITIONAL CAPACITY IN THE MISSIONARY AREAS	
2 x 200 KW (Languyan DPP) and 2 x 150 KW (Pandami DPP) Gensets	0.70 MW	Sulu/Tawi-Tawi	19,639,000.00	MW	0.56	-	-	-	-	Languyan DPP Project: - commercially operated. - 2x200 kW Gensets for Languyan DPP energized/inaugurated. Pandami DPP Project: -2x150 kW Gensets for Pandami energized/ commercially operated. - Remaining four (4) punchlisted items already rectified.	
5 x 1000 kW Containerized Gensets, Auxilliaries and Balance of Plant (BOP) for Basilan Power Plant	5.00	Basilan	445,518,000.00	MW	-	5.00	5.00	-	5.00	- Project Accomplishment, 95.34% - Commercial Operation (5 MW). 17 April 2020 (3 Units) 01 August 2020 (2 Units) -Emission Test of the 5x1.0MW Diesel Gensets conducted - Target completion of remaining correction works by 31 March 2021.	
Construction of Power Facilities Including Supply, Delivery, Installation, Test and Commissioning of 190kW Modular Genset for the Electrification of Five (5) Barangays 1 x 90KW Tictabon DPP 1 x 40 KW Manalipa DPP 1 x 40kW Tumuloptap DPP 1 x 10kW Pangapuyan DPP 1 x 10kW Great Sta. Cruz DPP	0.19 MW	Zamboanga Del Sur	41,686,400.00	MW	-	0.18	0.19	-	-	- Project Accomplishment, 75.89% Tictabon: 86.49% Manalipa: 83.12% Tumuloptap: 83.12% Pangapuyan: 83.72% Great Sta. Cruz: 31.50% (Under Suspension) - Target project completion of four (4) sites by 1st quarter 2021 (except for Great Sta. Cruz Island-2nd Quarter 2021).	

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Construction of Power Facilities including Supply, Delivery, Erection/Installation, Test and Commissioning of 2 x 180kW Modular Gensets & Associated Electrical Equipment & BOP for Electrification of Four (4) Barangays at Naro Island, Masbate	0.36	Masbate	23,465,000.00	MW	-	0.36	0.36	-	-	- Project Accomplishment, 96.43% - For Test and Commissioning of the two (2) units modular gensets by 07 January 2021. Remaining Works: a. Supply and Installation of recloser b. Completion of Electrical works from Gensets to Control House c. Completion of FOST plumbing connection including Fuel Line d. JFI, SAT and T&C e. Training of NPC Personnel -Target project completion on 28 February 2021.	-Negative slippage due to lack of approved documents and drawings and unavailability of manpower, materials and equipment to be used in the project and late delivery of construction materials.
Construction of Power Facilities including Supply, Delivery/ Erection/ Installation/ Test & Commissioning of 90kW Modular Gen Sets Including BOP for Electrification of 5 Barangays at Tagubanhon Island	0.09	Iloilo	10,377,000.00	MW	-	0.090	0.090	-	0.090	- Project Accomplishment, 96.12% - Commissioned (0.09MW) as of December 2020. - Test & Commissioning and Site Acceptance Test conducted.	
Construction of Power Facilities including Supply/Delivery/Erection/ Installation, T&C of 2x50kW Gensets & Associated Electrical Equipment & BOP for the Electrification of Three (3) Brgys – Brgy. Gibusong Island, Loreto Province of Dinagat Island Under Off-Grid Electrification Project Dinagat Island	0.10	Dinagat	13,377,000.00	MW	-	0.10	0.10	-	0.10	- Completed as of 25 September 2020. - Commercial operation (0.1 MW) ongoing.	
Construction of Power Facilities including Supply, Erection/Installation, Test & Commissioning of Forty Seven (47) Units of Modular Diesel Generating Sets and Electrical Equipment for Luzon SPUG Areas - Schedule 1	13.00	Various Luzon SPUG Areas	538,974,727.18	MW	-	13.00	10.50	2.10	8.90	- Project Accomplishment, 95.29% -Total of 8.90 MW in commercial operation as of 15 December 2020: 1. 3x300kW San Jose DPP 2. 2x300kW Calayan DPP 3. 1x200kW & 2x300kW Araceli DPP 4. 3x200kW Balabac DPP 5. 2x200kW Cagayancillo DPP 6. 2x200kW Jomalig DPP 7. 2X300kW Palanan DPP 8. 2x500 & 1x300kW Batan DPP 9. 1x200kW & 1x100kW Kabugao DPP (Unit 5&7) 10. 3X200kW Concepcion DPP 11. 3x300kW Patnanungan DPP 12. 2x500kW & 1x300kW Rapu-Rapu DPP -Total of 1.60MW for completion by 28 February 2021: 1. 2x200kW Itbayat DPP 2. 2x200kW Sabtang DPP 3. 1x500kW & 1x300kW San Pascual DPP	 - Target project completion by 28 February 2021. -Target submission of Project Close-out Report to Finance is by EO May 2021.

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Construction of Power Facilities including Supply, Delivery, Erection, Test and Commissioning of BOP for New Areas Electrification in Samar Province in Three (3) Schedules (9 Areas)	0.35 MW	Samar	86,443,365.75	MW	-	0.35	0.35	-	0.35	- Project Accomplishment, 95.90% (Over-all). -Total of 0.35MW already tested/commissioned as of 02 November 2020. 1. 1x20 kW –Cagusuan DPP 2. 1x70 kW – Casuguran DPP 3. 1x50 kW – Sulu-an DPP 4. 1x20 kW – Habag DPP 5. 1x20 kW – Inapulangan DPP 6. 1x50 kW – Hilabaan DPP 7. 1x20 kW – Tikling DPP 8. 1x50kW – Sta. Monica DPP 9. 1x50 kW – Tarnate DPP -All Project sites were already turned over and accepted by SPUG. -For correction of remaining punchlist items for the three (3) schedules: 1) Supply of Special Tools/Spare Parts 2) Training of NPC Personnel scheduled on 12 January 2021.	
Construction of Power Facilities including Supply, Delivery, Installation, Test and Commissioning of 4 x 1.0 MW Containerized D/G Sets and Auxiliaries for Boac DPP	4.00 MW	Marinduque	310,955,040.20	MW	-	-	4.00	-	4.00	- Commercially operated (4MW) as of 05 October 2020.	
Supply, Delivery, Installation, Test and Commissioning of Modular Diesel Gensets, Associated Electrical Equipment and BOP for Tausan DPP under the Off-Grid Electrification Project	0.20 MW	Basilan	20,455,980.00	MW	-	-	0.20	-	0.20	- Project Accomplishment, 99.83% -Project completed/inaugurated as of 29 October 2020. -Target completion of rectification works in February 2021.	
Supply & Installation, Test & Commissioning of Eight (8) Units of Modular D/G Including BOP for Electrification of New Areas in Occidental Mindoro in Two (2) Schedules, (Sch. 2 - 4 Units) New Sites: -Calutcot, Burdeos, Quezon (2x50kW) -Butawan, Siruma, Camarines Sur (1x30kW and 1x50kW)	0.18 MW	Occidental Mindoro	27,366,840.00	MW	-	-	0.18	-	-	- Project accomplishment, 6.02% -Under Work suspension effective 04 August 2020. -Transfer of the following electrification projects in Occidental Mindoro to the following areas already approved: 1. 2x50kW Talaotao DPP (New site: Calutcot, Burdeos, Quezon) 2. 1x30kW and 1x50kW Bulacan DPP (New site: Butawan, Siruma, Camarines Sur) -Coordination meetings were conducted relative to the transfer to new areas. -Target project completion 31 December 2021.	

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Supply, Delivery, Erection/ Install., Test & Commissioning of 22 Units of Modular G/S & Elect. Equipment for Mindanao SPUG Areas - Schedule III - 1 x 200 kW Hikdop - 2 x 200 kW & 2 x 300 kW Limasawa - 1 x 300 kW Talicud - 2 x 200 kW Balut - 1 x 500 kW Ninoy Aquino - 1 x 300 kW Palimbang - 1 x 300 kW & 1 x 200 kW Balimbing - 1 x 300 kW & 2 x 100 kW Tandubas - 2 x 300 kW Sibutu - 2 x 200 kW Manukmangkaw - 2 x 300 kW Tandubanak - 1 x 200 kW Sacol	5.50 MW	Mindanao Areas	263,777,516.16	MW	-	-	5.50	-	-	- Project accomplishment, 14.43% - On-going civil works at Hikdop, Limasawa, Talicud, Ninoy Aquino, Balut, Balimbing and Palimbang DPPs. -Conducted Coordination Meeting on 29 December 2020 and discuseed Contractor's finalization of all required documents for submission by EO January 2021. -Target project completion on 30 September 2021.	
11 Units Modular Gensets for Luzon SPUG Areas under Schedule IVA - 3 x 600kW Lubang DPP - 1 x 600kW Tingloy DPP - 3 x 600kW Romblon DPP - 2 x 300kW Corcuera DPP 1x200kW & 1 x 300kW Banton DPP	5.30 MW	Luzon Areas	171,319,000.00	MW	-	-	5.30	-	-	- Project accomplishment, 37.20% - Concrete foundation of gensets and generator transformers for the five (5) sites already completed. -Completed civil works at Tingloy DPP, Lubang DPP, Corcuera DPP, Banton DPP and Romblon DPP. -One (1) Transformer shipped from Mainland China to Supplier's Warehouse on 19 December 2020. -FAT conducted on 14-18 December 2020. -Target project completion on 30 September 2021.	
Supply, Delivery, Installation, Test and Commissioning of 3 x 1500 kW Containerized Diesel Gensets and Asso. Electrical Eqpt. for Kalamansig DPP	4.50 MW	Sultan Kudarat	295,420,798.45	MW	-	-	4.50	-	-	- Project accomplishment, 0.24% - Show Cause Order issued against the Contractor on 29 September 2020. The Contractor can not proceed with the activities due to lack of approved drawings, material brochures, equipment and sample cards. -Coordination meeting conducted on 29 December 2020. Contractor to submit all required documents by EO January 2021. -Target project completion on 30 September 2021.	

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Six (6) Units of 50kW Modular Gensets for Saluping & Tapiantana DPP under the Electrification of New Areas In Basilan (Package 10A) - 3 X 50 KW Saluping DPP, Basilan - 3 X 50 KW Tapiantana DPP, Basilan	0.30 MW	Basilan	34,585,000.00	MW	-	-	0.30	-	-	- Project accomplishment, 26.65% -Conducted virtual Factory Acceptance Test (FAT) witnessed and participated by concerned NPC personnel on 02-30 December 2020. - Civil works / site development is on-going. - Target project completion on 30 June 2021.	-Delay/Negative slippage is due too insufficient manpower, materials, equipment and late delivery of main equipment.
4 Units Modular Gensets for Luzon SPUG Areas under Schedule IV-C - 2 x 300kW Maconacon DPP - 2 x 500kW Casiguran DPP	1.60 MW	Luzon Areas	58,233,000.00	MW	-	-	1.60	-	-	- Project accomplishment, 6.51% -Mobilization at site on 27 November 2020. -On-going submission of drawings for approval. -On going civil works at Casiguran DPP. Show Cause Order was issued on 18 Dec 2020. - Target project completion on 31 December 2021	
13 Units of Modular Gensets for Barangay Power Association Areas (BAPA) in 3 Schedules - (Schedule 1 – 6 Units) Schedule I: - 2x50kW Calandagan, - 2x50kW Bisucay, - 2 x 100kW Manamoc	0.40 MW	Palawan	44,688,800.00	MW	-	-	0.40	-	-	- Contract effectivity: 01 March 2020 Original Contract Expiry: 26 October 2020 -Manamoc DPP (2x100kW) is under QTP and will be transferred to Calandagan DPP. Amendment to Order is being prepared. - Target project completion on 30 September 2021.	- Under Work suspension effective 17 March 2020 due to the implementation of ECQ. - For issuance of Resumption of Works.
2 x 200 KW Limasawa DPP	0.400	Limasawa, Leyte		MW	0.080	-	-	-	-	Commissioned in 2017 (0.41MW) and 2018 (0.08MW)	
1x160 KW AGUTAYA DPP	0.160	Agutaya, Palawan		MW	0.160	-	-	-	-	Comm'l operation on 04/17/2018	
MARINAWA DPP	2.200	Marinawa, Catanduanes		MW	2.200	-	-	-	-	Comm'l operation on 01/11/2018	
2x80 KW MONGPONG DPP	0.08	Mogpog, Marinduque		MW	0.080	-	-	-	-	Comm'l operation on 05/25/2018	
	0.080	Mogpog, Marinduque		MW	0.080	-	-	-	-	Comm'l operation on 06/23/2018	
1x160 KW MACONACON DPP	0.160	Maconacon, Isabela		MW	0.160	-	-	0.200	-	Comm'l operation on 06 June 2018 and 23 October 2019	
1x80 KW MINABEL DPP	0.080	Camiguin Island, Cagayan		MW	0.080	-	-	-	-	Comm'l operation on 07/08/2018	
1x256KW CALUYA DPP	0.256	Semirara, Antique		MW	0.256	-	-	-	-	Comm'l operation on 06/12/2018	
1X250KW PILAR DPP	0.250	Pilar, Cebu		MW	0.250	-	-	-	-	Comm'l operation on 11/10/2018	
2x80 KW TAGAPUL-AN DPP	0.160	Tagapul-an, W. Samar		MW	0.150	-	-	-	-	Comm'l operation on 01/16/2018	
1x250 KW SAN ANTONIO DPP	0.250	San Antonio, N. Samar		MW	0.250	-	-	-	-	Comm'l operation on 01/12/2018	
PAMILACAN DPP (1x50KW, 1x80KW)	0.050	Pamilacan, Bohol		MW	0.050	-	-	-	-	Comm'l operation on 01/29/2018	
	0.080	Pamilacan, Bohol		MW	0.080	-	-	-	-	Comm'l operation on 06/17/2018	
1x90 KW CINCO RAMA DPP	0.090	Cinco Rama, Bohol		MW	0.090	-	-	-	-	Comm'l operation on 06/19/2018	
1x80 KW CUAMING DPP	0.080	Cuaming, Bohol		MW	0.080	-	-	-	-	Comm'l operation on 01/23/2018	
1x600 KW PB 116	0.600	Cebu		MW	0.600	-	-	-	-	Comm'l operation on 01/14/2018	

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1x80 KW BATAG DPP	0.080	Batang Island, N. Samar		MW	0.080	-	-	-	-	Comm'l operation on 01/25/2018	
1x80 KW BAGONGON DPP	0.080	Catbalogan, W. Samar		MW	0.080	-	-	-	-	Comm'l operation on 02/05/2018	
1x80 KW HAMBONGAN DPP	0.080	Hambongan Is, Bohol		MW	0.080	-	-	-	-	Comm'l operation on 05/11/2018	
1x80 KW MANTATAO DPP	0.080	Mantatao Island, bohol		MW	0.080	-	-	-	-	Comm'l operation on 06/13/2018	
1x80 KW BAGONGBANWA DPP	0.080	Bagongbanwak, Bohol		MW	0.080	-	-	-	-	Comm'l operation on 08/02/2018	
1x80 KW KIRIKITE DPP	0.080	Kirikite, Western Samar		MW	0.080	-	-	-	-	Comm'l operation on 09/01/2018	
STO. NIÑO DPP (1x80 KW, 1x160 KW)	0.080	Sto. Niño Isl., W. Samar		MW	0.080	-	-	-	-	Comm'l operation on 11/09/2018	
	0.160	Sto. Niño Isl, W. Samar		MW	0.160	-	-	-	-	Comm'l operation on 11/08/2018	
SEN. NINOY AQUINO DPP (1x300 KW, 1x200 KW)	0.300	Sen. Ninoy Aquino, Sultan Kudarat		MW	0.300	-	-	-	-	Comm'l operation on 02/22/2018	
	0.200	Sen. Ninoy Aquino, Sultan Kudarat		MW	0.200	-	-	-	-	Comm'l operation on 05/11/2018	
1x150 KW TANDUBANAK DPP	0.150	Tawi Tawi		MW	0.150	-	-	-	-	Comm'l operation on 06/25/2018	
1x200 KW TALICUD DPP	0.200	Davao del Norte		MW	0.200	-	-	-	-	Comm'l operation on 04/06/2018	
SIASI DPP (1x550 KW, 1x300 KW)	0.550	Sulu		MW	0.500	-	-	-	-	Comm'l operation on 02/11/2018	
	0.300	Sulu		MW	0.300	-	-	-	-	Comm'l operation on 10/28/2018	
1x80 KW MANUK MANGKAW DPP	0.080	Tawi Tawi		MW	0.080	-	-	-	-	Comm'l operation on 02/24/2018	
Electrification of 3 Brgys at Calaguas Group of Islands, Vinzons, Camarines Norte under Off-Grid Elect Project	0.090	Camarines Norte		MW	0.090	-	-	0.080	-	Comm'l operation in 05/05/2018 and 09 October 2019	
Electrification of 6 Barangays at Camandag Island	0.100	Western Samar		MW	0.080	-	-	-	-	Commercial operation in May 2018.	
1x300 kW Claveria DPP	0.300	Masbate		MW	0.300	-	-	-	-	Comm'l operation on 06/05/2018	
1x300kW Patnanungan DPP	0.300	Quezon		MW	0.300	-	-	-	-	Comm'l operation on 05/21/2018	
1x80 kW Biton DPP	0.080	Palawan		MW	0.080	-	-	-	-	Comm'l operation on 10/29/2018	
1x80 kW Casian DPP	0.080	Palawan		MW	0.080	-	-	-	-	Comm'l operation on 10/24/2018	
1x300 kW Linapacan DPP	0.150	Palawan		MW	0.150	-	-	-	-	Comm'l operation on 12/11/2018	
1x80 kW Nangalao DPP	0.080	Palawan		MW	0.080	-	-	-	-	Comm'l operation on 10/05/2018	
1x300 kW West Simunul DPP	0.300	Tawi-Tawi		MW	0.300	-	-	-	-	Comm'l operation on 9/26/2018	
1x40 KW Palumbanes DPP	0.040	Palumbanes, Catanduanes		MW	-	-	-	0.080	-	Comm'l operation on 5/01/2019	
2x600 KW Lubang DPP	1.200	Lubang Island, Occidental Mindoro		MW	-	-	-	0.600	-	Comm'l operation on 6/5/2019	
1x80 KW Sibolo DPP	0.080	Antique		MW	-	-	-	0.080	-	Comm'l operation on 1/21/2019	
1x80 kW Libucan DPP	0.080	Western Samar		MW	-	-	-	0.080	-	Comm'l operation on 2/19/2019	
1x80 kW Paly DPP	0.080	Palawan		MW	-	-	-	0.080	-	Comm'l operation on 3/28/2019	
1x250 kW Maripipi DPP	0.250	Biliran		MW	-	-	-	0.250	-	Comm'l operation on 4/26/2019	

Programs/Projects/Activities	Description	Geographic Coverage (province, municipality, barangay)	Resource Requirement	Physical Performance						Remarks/Impact	Issues and Challenges Encountered
				Indicator	Benchmark	Target		Actual			
					2018	2019	2020	2019	2020		
3x1000 KW Kalamansig DPP	3.00	Kalamansig, Sultan Kudarat		MW	-	-	-	0.600	-	Comm'l operation on 4/26/2019	
1x150 kW Capul DPP	0.150	Northern Samar		MW	-	-	-	0.150	-	Comm'l operation on 4/27/2019	
1x80 kW Cabra DPP	0.800	Occidental Mindoro		MW	-	-	-	0.080	-	Comm'l operation on 5/13/2019	
1x300 kW Sitangkai DPP	0.300	Tawi-Tawi		MW	-	-	-	0.300	-	Comm'l operation on 5/13/2019	
1x80 kW Palimbang DPP	0.080	Sultan Kudarat		MW	-	-	-	0.080	-	Comm'l operation on 5/13/2019	
1x80 kW Manuk Mangkaw DPP	0.080	Tawi-Tawi		MW	-	-	-	0.080	-	Comm'l operation on 5/30/2019	
1x80 kW Bancalan DPP	0.080	Palawan		MW	-	-	-	0.080	-	Comm'l operation on 10/27/2019	
1x80 kW Mababangbaybay DPP	0.080	Masbate		MW					0.080	Comm'l operation on 02/22/2020	
1x80 kW Malaking Ilog DPP	0.080	Masbate		MW					0.080	Comm'l operation on 02/21/2020	
1x80 kW Quezon DPP	0.080	Masbate		MW					0.080	Comm'l operation on 02/22/2020	
1x210 kW Pangutaran DPP	0.210	Sulu		MW	-	-	-		0.210	Comm'l operation on 02/20/2020	
d) TRANSMISSION LINE	329.37	Masbate/Palawan/ Occ. Mindoro	2,993,851,860.86	Ckt-Km	83.26	228.68	134.40	213.41	65.22	TO IMPROVE POWER SUPPLY IN THE MISSIONARY AREAS	
Virac (Marinawa) – San Miguel T/L Project *	15.67	Catanduanes	143,420,721.00	KM.	5.79	15.15	-	9.88	-	- Energized at 13.8 kV as of 26 July 2019.	
Mansalay-San Jose 69 kV T/L Project Schedule 1: 34 km.	60.00	Mindoro	221,969,026.25	KM	-	60.00	10.00	50.00	10.00	- Completed as of 20 February 2020.	
Mansalay-San Jose 69 kV T/L Project Schedule 2: 26 km.		Mindoro	139,033,794.25	KM						- Completed as of 24 September 2019.	
Bansud-Mansalay 69 kV T/L Project *	64.60	Or. Mindoro	380,158,000.00	KM.	-	64.53	-	64.53	-	- Energized on 26 January 2020.	
Rehabilitation of Calapan-Bansud 69 kV T/L Project, Schedule 1	44.00	Oriental Mindoro	318,733,000.00	KM.	22.47	-	-	-	-	- Completed and energized as of 25 May 2018.	
Rehabilitation of Calapan-Bansud 69 kV T/L Project, Schedule 2	42.00	Oriental Mindoro	30,314,703.00	KM.	-	42.00	-	42.00	-	- Completed as of 13 September 2019. - Conducted Ceremonial Switch-on on 29 January 2020.	
* Based on T/L segments/sections with stringing/Actual Accomplishments.											

Monitoring of Programs, Projects and Activities for CY 2019-2020
Implementing Agency: National Power Corporation
As of 31 DECEMBER 2020

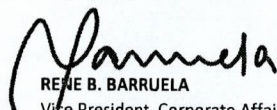
Programs/Projects/Activities	Description	Geographic Coverage (province, municipality, barangay)	Resource Requirement	Physical Performance						Remarks/Impact	Issues and Challenges Encountered	
				Indicator	Benchmark	Target			Actual			
					2018	2019	2020	2019	2020			
Rehab of Calapan-Minolo (Puerto Galera) 69 kV T/L Project	41.00	Oriental Mindoro	337,411,699.00	KM.	41.00	-	-	-	-	- Project completed as of 28 April 2018 - Commissioned on 12 May 2018. - Punchlist items rectified as of 18 November 2020.		
Rehabilitation of Boac-Torrijos 69kV Transmission Line Project	47.00	Marinduque	369,550,146.85	KM.	-	47.00	-	47.00	-	- Completed as of 14 November 2019. - Energized on 27 August 2020.		
Supply/Erection/Installation and Test of 13.8kV Distribution Line Extension/Upgrading in Divilacan, Isabela under the Off-Grid Electrification Project*	14.00	Isabela	74,357,542.36	KM.	14.00	-	-	-	-	Project was energized on 19 June 2018 and was inaugurated on 26 July 2018.		
Supply and Erection/Installation of Roxas-Taytay 69 kV T/L Project (Schedule 1), 36.60 ckt-kms. Roxas Substation -Alimanguan Junction (Structure 1-232)	35.10 km.	Palawan	330,071,689.70	KM.	-	-	35.10	-	-	- Project Accomplishment, 73.55% - Target project completion on 31 March 2021 due to Covid-19 Pandemic/ROW issues.	- Under work suspension effective 01 December 2020 due to ROW issues. Total length per Contract is 36.60kms.	
Supply and Erection/ Installation of Roxas-Taytay 69 kV T/L Project (Schedule 2), 34.7 ckt-kms. Alimanguan Junction -Taytay Substation (Structure 233-434)	36.20 km.	Palawan	321,789,033.50	KM.	-	-	36.20	-	2.80	- Project Accomplishment, 83.36% - On-going erection of steel poles, concreting and assembly of reinforcing steel bars. - Stringing of 2.80 out of 34.7 ckt-kms completed. - Target project completion on 31 March 2021 due to Covid-19 Pandemic/ROW issues.	-Under work suspension effective 18 November 2020 due to ROW issues and design changes on nine (9) structures.	
Rehabilitation of Minolo (Puerto Galera)-Mamburao 69kV Transmission Line Project	52.00 km.	Mindoro	318,254,504.95	KM.	-	-	52.00	-	52.42	- Project accomplishment, 96.36% - Stringing of 52.42 out of 53 ckt-kms completed on 30 November 2020. - 1st Revised Contract Expiry is on 30 November 2020. -Target project completion on 31 March 2021.	- Suspension of Works effective 01 November 2020 due to ROW issues lifted on 11 December 2020. The revised actual length of the TL is due to re-routing of structures resulting in increase in the over all length of the project by 1.0 ckt-kms.	
Supply, Erection/Installation of Tap-Uson (Mobo-Cataingan) 69kV T/L Project, 1.10 ckt-kms.	1.10 km	Masbate	8,788,000.00	KM.	-	-	1.10	-	-	- Failed bidding on 01 December 2020 (No bidder)	-Target project completion by 31 December 2021.	

Programs/Projects/Activities	Description	Geographic Coverage (province, municipality, barangay)	Resource Requirement	Physical Performance						Remarks/Impact	Issues and Challenges Encountered
				Indicator	Benchmark	Target		Actual			
					2018	2019	2020	2019	2020		
e) SUBSTATION	45.00	Catanduanes/ Mindoro	641,661,624.54	MVA	-	30.00	25.00	20.00	-	TO IMPROVE POWER SUPPLY IN THE MISSIONARY AREAS	
Virac (Marinawa) Substation	10.00	Catanduanes	134,996,496.06	MVA	-	-	-	10.00	-	- Completed as of 02 May 2018. - Energized on 21 September 2019.	
Taytay Substation	5.00	Palawan	126,987,778.48	MVA	-	5.00	-	5.00	-	- Completed as of 09 November 2019. - Inauguration conducted on 12 March 2020.	
Codon Load-end Substation	5.00	Catanduanes	96,942,300.00	MVA	-	-	-	5.00	-	- Completed as of 24 January 2019 and inaugurated last 25 July 2019. - Energized on 21 September 2019.	- Remaining SAT Punchlisted item (SAT No. 6) - Metering for reconfiguration; CT on switchgear has high ration and is not suitable for small load metering. The Contractor to provide low ratio CT to accommodate the meter reading.
Supply, Delivery, Construction, Installation, Testing & Commissioning of 5MVA San Miguel Substation	5.00	Catanduanes	127,735,050.00	MVA	-	5.00	5.00	-	-	Project Accomplishment, 98.95% - Target project completion by 1st Quarter 2021.	-Under work suspension effective 26 October 2020 due to force majeure (Typhoons Quinta and Rolly). Metalclad Switchgear, lightning arrester and perimeter fence were damaged and scheduled Test & Commissioning was cancelled.
Rehab and Transfer of Existing 10MVA Power Transformer at BOAC S/S including Supply, Delivery, Construction, Installation, Test & Commissioning of New 10MVA Mogpog Substation	20.00	Marinduque	155,000,000.00	MVA	-	20.00	20.00	-	-	- Project Accomplishment, 51.07% - Target project completion by EO March 2021.	- Under work suspension effective 15 October 2020 due to various problems encountered during the global Covid-19 pandemic and erratic weather condition.

Programs/Projects/Activities	Description	Geographic Coverage (province, municipality, barangay)	Resource Requirement	Physical Performance						Remarks/Impact	Issues and Challenges Encountered	
				Indicator	Benchmark	Target			Actual			
					2018	2019	2020	2019	2020			
47. NATIONAL RENEWABLE ENERGY PROGRAM										TO CONTRIBUTE TO CLEANER ENERGY SOURCES TO PARTLY REPLACE DIESEL GENERATION WITH RENEWABLE ENERGY		
a) Pilot RE Project in Missionary Area-LIMASAWA Hybrid SOLAR Project	120KW (PEAK)	Limasawa, Southern Leyte		MWp			0.12		0.12			
Design, Supply, Delivery, Installation, Test and Commissioning Works of LIMASAWA Solar Photovoltaic (PV) with Energy Storage System (ESS) - Diesel Hybrid Power Plant Contractor: Power Dimension, Inc. (PDI) Contract Implementation Schedule: Date Start: 23 March 2018 Date Completion: Original Expiry - 17 Nov 2018 Revised Expiry per Work Suspension/ Resumption - 13 April 2019 Approved Budget Contract: P53,825,000.00 Original Contract Amount: P53,764,897.15 Variation Order No. 1: P51,968.00 Variation Order No. 2: P72,859.65 Revised Contract Amount: P53,889,724.80	Design, Supply, Delivery Installation, Test and Commissioning Works	Limasawa, Southern Leyte	P 53,825,000.00	MWp			0.12		0.12	Target: 100% ; Actual: 98.37% - Certificate of Take Over of Operation dated 18 Feb 2020 was approved by the end-user. - Commercially operated and energized as of 07 February 2020. -Conduct of overall Test & Commissioning including the three (3) remaining JFI punchlist items i.e, Spare parts for Solar PV-System, Training of NPC personnel and Submission of O&M Manual will be on 15 January 2021. -Delivery of transition gensets (60kW gensets) at site is scheduled on 15 February 2021. -Accomplishment for Project Close-Out Report is 90%, target submission to Finance is by EO April 2021.		

Programs/Projects/Activities	Description	Geographic Coverage (province, municipality, barangay)	Resource Requirement	Physical Performance						Remarks/Impact	Issues and Challenges Encountered
				Indicator	Benchmark	Target		Actual			
					2018	2019	2020	2019	2020		
E. Climate Change Adaptation & Mitigation										TO CONTRIBUTE TO CLIMATE CHANGE MITIGATION	
National Greening Program	Rehabilitation program of the government aimed at reducing upland/lowland poverty, sustainable management of natural resources through resource conservation, and protection and promote public awareness and environmental consciousness on forests and watersheds	NPC-managed watersheds in Norzagaray, Bulacan (Angat) ; Buhi, Camarines Sur (Buhi-Barit); Lumban, Cavinti, Kalayaan in Laguna (Caliraya-Lumot); Lanao del Sur & Lanao del Norte (Lake Lanao-Agus River); Ifugao (Magat); Laguna, Batangas & Quezon (Makiling-Banahaw); Nueva Ecija (Pantabangan); Bukidnon (Pulangi); Pangasinan & Benguet (San Roque); Albay (Tiwi); Benguet (Upper Agno)	31,032,421.00	Area planted (in hectares)	1,035	1,245	1,025	-	-	Estimated carbon sequestration of about 7,245 tons/year for the new plantations and reduced sedimentation and soil erosion of about 1,345.5 tons/year in support to climate change mitigation.	No areas reforested due to the pending approval of ERC on NPCs Petition for the availment of UC-EC Plans (Plan II)

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