

Monitoring of Programs, Projects and Activities for CY 2020-2021  
 Implementing Agency: *National Power Corporation*  
 As of 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			
					2019	2020	2021	2020			2021
<b>C. Economic Development</b>											
<b>41. Missionary Electrification Project</b>											
<b>a) CAPACITY ADDITION (LEASE)</b>											
<b>a.1) EXISTING RENTAL</b>	<b>45.80</b>	<b>Luzon/Visayas/ Mindanao</b>	<b>566,222,223.36</b>	<b>MW</b>	<b>30.70</b>	<b>30.10</b>	<b>39.30</b>	<b>34.20</b>	<b>40.60</b>	<b>TO COMPLEMENT EXISTING CAPACITY IN PSP AREAS PENDING PRIVATIZATION OF THE AREAS</b>	
<b>LUZON AREA</b>	<b>16.80</b>	<b>Various Areas</b>	<b>185,215,333.36</b>	<b>MW</b>	<b>13.70</b>	<b>13.60</b>	<b>16.80</b>	<b>15.20</b>	<b>12.60</b>		
1) BASCO DPP (Lessor: HASTINGS Motor Corp.)	1.10	Basco, Batanes	19,589,999.96	MW	0.60	1.50	1.10	1.10	1.10	<b>Commercial operation ongoing.</b> New existing contract from from 25 December 2021 to 24 December 2022.	
2) TORRIJOS DPP (Lessor: AGGREKO ENERGY RENTAL SOLUTIONS)	1.50	Torrijos, Marinduque	18,987,000.00	MW	1.50	-	1.50	1.50	1.50	<b>Commercial operation ongoing.</b> Existing one (1) year lease contract from 19 June 2021 to 18 June 2022.	
3) BOAC DPP (Lessor: AGGREKO ENERGY RENTAL SOLUTIONS)	4.00	Boac, Marinduque	34,675,000.00	MW	4.00	1.50	4.00	4.00	4.00	<b>Commercial operation ongoing.</b> New one (1) year lease contract from 25 December 2021 until 24 December 2022.	
4) MAMBURAO DPP (Lessor: AGGREKO ENERGY RENTAL SOLUTIONS)	4.00	Occ. Mindoro	33,988,800.00	MW	4.00	4.00	4.00	4.00	-		
5) EL NIDO DPP (Lessor: MONARK Equipment Corp)	2.00	Palawan	33,332,333.80	MW	2.00	2.00	2.00	2.00	2.00	<b>Commercial operation ongoing.</b> One (1) year lease contract from 30 April 2021 until 29 April 2022.	

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6) EL NIDO DPP (Lessor: MONARK Equipment Corp)	1.00	Palawan	12,538,700.00	MW	-	1.00	1.00	1.00	1.00	Commercial operation ongoing. Under contract extension from 30 October 2021 to 29 January 2022.		
7) TICAO DPP (Lessor: COST PLUS Inc.)	1.00	Palawan	18,999,999.60	MW	-	-	1.00	-	1.00	Commercial operation ongoing. One (1) year lease contract from 17 September 2021 until 16 September 2022.		
8) TAYTAY DPP (Lessor: AGGREKO ENERGY RENTAL SOLUTIONS)	1.00	Palawan	13,103,500.00	MW	1.00	2.00	1.00	1.00	2.00	Commercial operation ongoing. New one (1) year lease contract from 16 June 2021 until 15 June 2022.		
9) San Vicente DPP	0.60			-	-	0.60	0.60	-	-			
10) TICAO DPP (Lessor: DMX Tech.)	0.60	Palawan		MW	0.60	1.00	0.60	0.60	-			
<b>MINDANAO AREA</b>	<b>29.00</b>	<b>Mindanao Areas</b>	<b>381,006,890.00</b>	<b>MW</b>	<b>17.00</b>	<b>16.50</b>	<b>22.50</b>	<b>19.00</b>	<b>28.00</b>			
11) DINAGAT DPP (Lessor: AGGREKO Energy Rental Solutions)	3.50	Dinagat Island	44,895,000.00	MW	2.50	1.00	3.50	3.50	3.50	Commercial operation ongoing. One year consolidated lease contract of 3.5MW capacity from 19 September 2021 until 18 September 2022.	-	
12) JOLO DPP (Lessor: AGGREKO Energy Rental Solutions)	4.50	Busbus, Jolo, Sulu	68,031,620.00	MW	4.50	10.00	4.50	4.50	4.50	Commercial operation ongoing. One (1) year lease contract from 25 July 2021 until 24 July 2022.	-	
13) JOLO DPP (Lessor: AGGREKO Energy Rental Solutions)	4.00	Busbus, Jolo, Sulu	62,257,500.00	MW	3.00		4.00	3.00	4.00	Commercial operation ongoing. One (1) year lease contract from 26 January 2021 until 25 January 2022.	-	
14) BASILAN DPP (Lessor: AGGREKO Energy Rental Solutions)	6.50	Isabela, Basilan	81,760,000.00	MW	5.00	4.00	6.50	5.00	6.50	Commercial operation ongoing. Existing one (1) year lease contract with increased capacity from 5.0MW to 6.50MW until 06 January 2022.	-	

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15) BASILAN DPP (Lessor: AGGREKO Energy Rental Solutions)	6.50	Isabela, Basilan	85,775,000.00	MW					6.50	<b>Commercial operation ongoing.</b> New one (1) year lease contract with increased capacity of 6.50MW started 07 January 2022 until 07 January 2023.	Replaced the expired one (1) year lease contract of 5.0 MW capacity.	
16) Siasi DPP*	1.00				-	1.00	1.00	-	-			
17) KALAMANSIG DPP (Lessor: AGGREKO Energy Rental Solutions)	3.00	Sultan Kudarat	38,287,770.00	MW	2.00	0.50	3.00	3.00	3.00	<b>Commercial operation ongoing.</b> New one (1) year lease contract from 24 October 2021 to 23 October 2022.		
<b>b) INCREASE IN OPERATING HOURS</b>												
<b>b.1) INCREASE IN OPERATING HOURS (EXISTING AREA)</b>		<b>Luzon/Visayas/Mindanao</b>								<b>TO COMPLY WITH DOE MANDATE FOR 24/7 SERVICE OPERATION IN ALL MISSIONARY AREAS</b>		
<b>LUZON/VISAYAS/MINDANAO</b>		<b>Various Areas</b>			<b>37.00</b>	<b>62.00</b>	<b>11.00</b>	<b>18.00</b>	<b>15.00</b>			
4-8 HOURS		Various SPUG Areas			15.00	1.00	-	4.00	5.00	Increase in operating hours served as scheduled	The Five (5) Plants/Areas for 2021 with total rated capacity of 1.447MW : 1) Minabel DPP, Cagayan 2) Casian DPP, Palawan 3) Pilas DPP, Palawan 4) Naro DPP, Masbate 5) Osmeña DPP, Masbate	
9-16 HOURS		Various SPUG Areas			14.00	16.00	-	5.00	5.00	Increase in operating hours served as scheduled	The Five (5) Plants/Areas for 2021 with total rated capacity of 1.177 MW : 1) Minabel DPP, Cagayan 2) Casian DPP, Palawan 3) Pilas DPP, Basilan 4) Osmeña DPP, Masbate 5) Pandami DPP, Sulu	
24 HOURS		Various SPUG Areas			8.00	45.00	11.00	9.00	5.00	Increase in operating hours served as scheduled.	The Five (5) Plants/Areas for 2021 with total rated capacity of 8.705MW : 1) Rapu Rapu DPP, Albay 2) Naro DPP, Masbate 3) San Pascual DPP, Masbate 4) Gilotongan DPP, Masbate 5) Tingloy DPP, Batangas	

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<b>c. CAPACITY ADDITION (New)</b>	<b>62.578</b>	<b>Various SPUG Areas</b>	<b>3,548,105,105.44</b>	<b>MW</b>	<b>4.92</b>	<b>38.57</b>	<b>33.49</b>	<b>19.09</b>	<b>13.34</b>	<b>TO PROVIDE ADDITIONAL CAPACITY IN THE MISSIONARY AREAS</b>		
1. 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	Samar	86,443,365.75	MW	0.35	-	0.35	-	-	- Switch-on Ceremony conducted on 17 March 2021. - All nine (9) units (0.35 MW) of Schedule 1, 2 and 3 already tested/commissioned and ongoing commercial operation.	-	
2. Construction of Power Facilities including Supply, Delivery, Erection, Installation, Test and Commissioning of 90kW Modular Generating Sets Including BOP for Electrification of 5 Barangays at Tagubanhan Island	0.09	Iloilo	10,377,000.00	MW	0.09	-	0.09	-	-	- Project completed as of 12 March 2021. - Commissioned (0.09 MW) and ongoing commercial operation.	-	
3. Construction of Power Facilities including Supply, Delivery, Erection/Installation, Test and Commissioning of 2x50kW Gensets & Associated Electrical Equipment & BOP for the Electrification of Three (3) Barangays – Brgy. Gibusong Island, Loreto Province of Dinagat Island Under Off-Grid Electrification Project Dinagat Island	0.10	Dinagat	13,176,345.00	MW	0.10	-	0.10	-	-	-Commissioned (0.10 MW) and ongoing commercial operation.	-	
4. Construction of Power Facilities Including Supply, Delivery, Test and Commissioning of 5 x 1.0MW Containerized Generating Sets, Auxiliaries and Balance of Plant for Basilan Power Plant	5.00	Basilan	444,523,243.15	MW	5.00	-	5.00	-	-	- Project completed as of 20 December 2021. - The 3 MW and 2 MW are both commissioned and ongoing commercial Operation	-	
5. 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	Basilan	20,538,278.00	MW	-	0.20	-	0.20	-	- Commissioned (0.20 MW), energized and ongoing commercial operation. - Target completion of remaining punchlists on 30 October 2021.	-	

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6. 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	Marinduque	322,899,360.03	MW	-	4.00	-	4.00	-	- Commissioned (4 MW) and ongoing commercial operation. - Inaugurated on 03 December 2020.	-
7. Construction of Power Facilities incl. Supply, Erection/ Installation, Test & Commissioning of Forty Seven (47) Units of Modular Diesel Generating Sets and Electrical Equipment for Luzon SPUG Areas under Schedule 1 2x200kW Sabtang DPP 2x200kW Itbayat DPP 2x300kW Calayan DPP 2x300kW Palanan DPP 2x200kW & 1x100kW Kabugao DPP 2x200kW Jomalig DPP 3x300kW Patnanungan DPP 3x300kW San Jose DPP 3x200kW Concepcion DPP 2x300kW Rizal DPP 2x300kW & 1x200kW Araceli DPP 3x200kW Balabac DPP 2x200kW Cagayancillo DPP 2x500kW & 1x300kW Cullion DPP 2x200kW & 2x100kW Linapacan DPP 2x500kW & 1x300kW Rapu-Rapu DPP 2x500kW & 1x300kW Batan DPP 1x500kW & 1x300kW San Pascual DPP	13.00	Various Luzon SPUG Areas	538,974,727.18	MW	2.10	10.50	1.60	8.90	1.60	- Substantially completed (98.15%) - with remaining 109 out of 374 punchlist items for close-out. - Commissioned as of 26 March 2021 (47 units). - Gensets for all 18 plant sites already energized/commercially operated. - Various warranty issues for the supplied equipment for settlement by the Contractor. - Target project completion by EO February 2022.	- Delays due to late delivery of generating sets and associated equipment. - Issue on the conduct of Emission Testing already coordinated with EMB Region V, requesting to expedite the evaluation and approval of the test plan for the said emission testing. Clarification on the conduct of emission testing for genset with capacity below 300kW is also being coordinated. - Works were suspended from 02 May 2019 to 17 November 2019 (14 projects sites) and 02 May 2019 to 19 January 2020 (4 projects sites), due to adjustments of plans on several project sites to suit the actual field condition which prohibit Contractor from performing work in accordance with the approved construction schedule. - Advised the Contractor that NPC will impose liquidated damages for the unperformed works after contract expiry.
8. Construction of Power Facilities Including Supply, Delivery, Installation, Test and Commissioning of 2x180kW Modular Gensets and Associated Electrical Equipment and BOP for the Electrification of Four (4) Barangays at Naro Island, Masbate	0.36	Masbate	23,465,000.97	MW		0.36	0.36	-	0.36	-Project completed as of 03 August 2021 -Commissioned on 15 June 2021 -Commercially Operated/Energized on 15 May 2021.	

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9. Construction of Power Facilities Including Supply, Delivery, Installation, Test and Commissioning of Modular Gensets for the Electrification of Five (5) Barangays at Zamboanga Del Sur  1 x 90KW Tictabon DPP 1 x 40 KW Manalipa DPP 1 x 40kW Tumaloptap DPP 1 x 10kW Pangapuyan DPP 1 x 10kW Great Sta. Cruz DPP	0.19	Zamboanga Del Sur	41,686,400.00	MW		0.19	0.19	-	0.19	- <b>Substantially completed (99.14%) with remaining 24 out of 70 punchlists for close-out.</b>  - T & C for Tictabon, Tumaloptap, Pangapuyan and Manalipa DPPs conducted on 25 June 2021.  - JFI and T&C for Great Sta. Cruz DPP conducted on 26 June 2021 and 12 August 2021, respectively.  - Target completion for rectification of punchlists for 5 sites by end of January 2022.  - Target project completion by end of January 2022.	- Work Suspension (No. 1) from 18 October 2018 to 29 January 2020 for the four (4) project sites (Tictabon DPP, Manalipa DPP, Tumaloptap DPP and Pangapuyan DPP) and from 18 October 2018 to 28 February 2021 (Great Sta. Cruz) due to unavailability of required Special Agreement on Protected Areas (SAPA) from DENR.  - Work Suspension (No.2) (4 project sites) from 18 March 2020 to 12 July 2020 due to imposed ECQ.
10. Supply, Delivery, Installation, Test and Commissioning of Thirteen (13) Units of Modular D/G and Associated Electrical Equipment for Six (6) Areas of BAPA in Palawan in Three (3) Schedules (Schedule 1 - 6 Units)  Schedule I: - 2x50kW Calandagan, 2x50kW Bisucay - 2 x 100kW Manamoc	0.40	Palawan	44,688,800.00	MW	-	0.40	0.40	-	-	- <b>Project accomplishment, 41.78%.</b>  - Under Work Suspension effective 21 December 2021 due to force majeure caused by Typhoon Rai (local name: Odette). Roads were damaged and sea travels were cancelled due to the effects of the typhoon.  - There were no reported damages at the project sites, except the damaged roofing of the existing powerhouse of Bisucay DPP.	- Amendment to Order No. 1 and 2 issued to Contractor (SEACOM) on 24 August 2021 and 10 September 2021, respectively.  - Works suspended from 17 March 2020 to 13 May 2021 due to implementation of ECQ in the province of Palawan.  - As approved by NPC Management, the supply of gensets and accessories for Manamoc DPP shall be transferred to Calandagan DPP due to the presence of Independent Power Provider (IPP) – Power Source Philippines, Inc. which is at the Island of Manamoc.

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11. Supply, Delivery, Installation, Test and Commissioning of Seven (7) Units of Modular Gensets & Associated Electrical Equipment for Three (3) Areas of Barangay Power Association (BAPA) in Palawan (Schedules 2 & 3 - 7 Units)  - Bancalaan 2 DPP (2x100 kW and 1x50 kW) (originally Port Barton DPP, San Vicente) - Bancalaan 1 (2x75 kW) (originally New Ibajay DPP, El Nido) - Mangsee DPP (2x300 kW)	1.00	Palawan	55,329,492.50	MW	-	-	1.00	-	-	- Under Work Suspension effective 21 December 2021 due to force majeure caused by Typhoon Rai (local name: Odette). Roads were damaged and sea travels were cancelled due to the effects of the typhoon.  - There were no reported damages at the project sites due to Typhoon Rai (Odette).	- Gensets intended for Port Barton and New Ibajay DPPs are to be reallocated to Bancalaan 2 and Bancalaan 1, respectively, to cope with the increasing demand in the island. Contractor was informed by these changes during Coordination Meeting held on 31 May 2021. - Amendment to Order No. 1 (Place of Delivery) already approved on 08 July 2021 and confirmed by the Contractor on 12 July 2021 for confirmation. The amendment was necessary for the changes on the contract scope and place of delivery without additional cost/time extension. - Due to Suspension of Work, project will spill over to 2nd Quarter of 2022.
12. Supply, Delivery, Installation, Test and Commissioning of Fifteen (15) Units of Modular Diesel Gensets including Balance of Plant for the Electrification of New Areas in Palawan in Two (2) Schedules: Schedule 1=P89,119,588.50 Schedule 2=P9,432,410.00 <b>Schedule 1: 610 kW - Project Duration: 365 C.D. FY 2022</b> - Galoc DPP (1x30 kW) - Panlitan DPP (1x100 kW) - Maglambay DPP (1x50 kW) (originally San Isidro DPP) - Bulalacao DPP (2x100 kW and 1x50 kW) - Cabugao DPP (1x50 kW) - Pical DPP (2x20 kW) - Maroyogroyog DPP (1x20 kW and 1x30 kW) - Maracañao DPP (2x20 kW) <b>Schedule 2: 40 kW - Project Duration: 180 C.D. FY 2021</b> - Ramos (2x20kW)	0.65	Palawan	98,551,998.50	MW	-	-	0.04	-	-	<b>Sched 1: 0.26%</b> <b>Sched 2: 5.17%</b>  - Under Work Suspension effective 22 December 2021 due to force majeure caused by Typhoon Rai (local name: Odette). Roads were damaged and sea travels were cancelled due to the effects of the typhoon.  - There were no reported damages at the project sites due to Typhoon Rai (Odette).  Schedule 2: - Show Cause Order issued to the Contractor on 18 October 2021. - Contract already expired last 04 November 2021. Liquidated Damages (LD) will be imposed for unperformed works beyond the contract expiry.	- Delays due to delayed mobilization and delivery of materials at all project sites.  - Seven (7) project sites (New Areas) already have Alternative Power Providers: >Galoc >Panlitan >San Isidro (reallocated to Maglambay DPP, Busuanga) >Bulalacao >Cabugao >Pical and >Maroyogroyog  - Amendment to Order No. 1 (Place of Delivery) already approved on 08 July 2021 and conformed by the Contractor on 12 July 2021. The amendment is necessary for the changes on the contract scope and place of delivery without additional cost/time extension.

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13. Supply, Delivery, Installation, Test and Commissioning of Eight (8) Units of 50kW Modular Gensets for Dipla, Mayteged, Batas and Debangon DPP under the Electrification of New Areas In Palawan (Package 8)  - Nangalao DPP (2x50 kW) (originally Dipla DPP,Taytay) - Casian DPP (2x50 kW) (originally Mayteged DPP,Taytay) - Batas DPP (2x50 kW), Taytay - Debangon DPP (2x50 kW), Taytay	0.40	Palawan	61,568,268.00	MW	-	-	0.40	-	-	- Under Work Suspension effective 22 December 2021 due to force majeure caused by Typhoon Rai (local name: Odette). Roads were damaged and sea travels were cancelled due to the effects of the typhoon.  - There were no reported damages at the project sites due to Typhoon Rai (Odette).	- Delayed mobilization and delivery of materials at all project sites.  - Two (2) project sites (New Areas) already have Alternative Power Providers: >Mayteged (reallocated to Casian DPP ) >Dipla (reallocated to Nangalao DPP )  - Amendment to Order No. 1 (Place of Delivery) already approved on 08 July 2021 and conformed by the Contractor on 12 July 2021. The amendment is necessary for the changes on the contract scope and place of delivery without additional cost/time extension.  - Per contract, project will spill over to 2nd Quarter of 2022.
14. Construction of Power Facilities for the 2 x 150kW D/G & 13.8 KV Distribution Line Including Supply, Delivery, Erection/Installation, Test & Commissioning of BOP in Pag-asa, Kalayaan Island, Palawan	0.30	Palawan	33,120,000.00	MW	-	-	0.30	-	0.30	- <b>Project completed as of 28 June 2021.</b>  - Energization/Switch-on Ceremony conducted on 12 June 2021.	- Works suspended from 12 November 2020 to 04 April 2021 due to prevailing rough seas in the entire West Philippine Sea which affects the transport of construction materials, manpower and equipment.



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15. Supply & Installation, Test & Commissioning of Modular D/G Including BOP for Electrification of New Areas in Two (2) Schedules - Schedule 2: 4 Units – Quezon and Camarines Sur (Previously in Occidental Mindoro)  New Sites: - 2x50kW Calutcot, Burdeos DPP, Quezon (originally for Talaotao) - 1x30kW and 1x50kW Butawan, Siruma DPP, Camarines Sur (originally for Bulacan)	0.18	Quezon/ Camarines Sur	27,366,840.00	MW	-	0.18	0.18	-	0.18	- Contractor already delivered the procured equipment/materials in two (2) batches at NPC-Minuyan Complex, San Jose del Monte, Bulacan on 26 August 2021.  - Conduct of basic tests for the equipment, which commenced on 01 September 2021 was not completed as scheduled due to unavailability of Contractor's test instruments and other equipment are not in accordance with NPC specifications. The remaining tests for the equipment will be scheduled upon the approval of drawings and replacement of the supplied GCPP.  -Target completion by end of January 2022.	- Contract terminated. Termination (In Part) already issued to the Contractor on 26 July 2021.  - Works suspended on 04 August 2020 due to transfer of the project to other unserved areas per Management directive.  - Management approved the change of scope and transfer of delivery sites: 1. From Talaotao and Bulacan, Golo Island, Occidental Mindoro to Calutcot, Burdeos, Quezon and Butawan, Siruma, Camarines Sur; 2. From Calutcot and Butawan to NPC Minuyan, San Jose del Monte, Bulacan
16. Supply, Delivery, Installation, Test & Commissioning of 2 x 1.5MW Containerized Diesel Gensets and Associated Electrical Equipment for Torrijos DPP under Package 1	3.00	Marinduque	252,011,029.34	MW	-	-	3.00	-	-	- <b>Project accomplishment, 65.07%.</b>  - Under Work Suspension No. 2 effective 15 November 2021 due to delayed shipping of gensets including spare parts and special tools due to COVID-19, delayed release of equipment from Bureau of Customs (BOC) and suspended sea travel to project site due to Typhoon Rai (local name: Odette).	- Works suspended from 02 December 2020 to 10 March 2021 due to unsettled issue on the final configuration of the Single Line Diagram (SLD) which affected the working space area in the Main Control Room.  - Show Cause Order dated 21 September 2021 issued to the Contractor.

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					2019	2020	2021	2020	2021		
17. Supply Delivery, Installation, T&C of Four (4) Units of Modular D/G Including BOP for the Electrification of New Areas Schedule 1 – San Pedro & San Pablo, Hinunangan, Southern Leyte (Previously for Ambil I and II in Occidental Mindoro)  New Sites: - San Pedro DPP (1x20kW and 1x30kW) (Originally for Ambil I) - San Pablo DPP (1x20kW and 1x30kW) (Originally for Ambil II)	0.10	Southern Leyte	23,117,000.00	MW	-	-	0.10	-	-	- Project accomplishment, 19.61%  - Under Work Suspension No. 2 effective 16 December 2021 due to Typhoon Rai (Odette).	- Works suspended from 13 January 2021 to 31 May 2021 due to change of sites from Ambil I & II, Lubang, Occidental Mindoro to San Pedro and San Pablo, Hinunangan, Southern, Leyte.  - Per contract, project will spill over to 1st Quarter of 2022.  - Due to the typhoon, temporary facilities were damaged and delivered construction materials were washed out/missing/damaged at San Pedro and San Pablo sites. Estimated completion of works by 2nd Quarter of 2022.
18. Supply, Delivery, Installation, Test and Commissioning of Nineteen (19) Units of Modular Diesel Generating Sets and Associated Electrical Equipment for SPUG Bohol Areas under Schedule II B  - Bagongbanwa DPP, Tubigon, Bohol (3x50kW) - Balicasag DPP, Panglao, Bohol (2x50kW) - Batasan DPP, Tubigon, Bohol (2x50kW) - Cuaming DPP, Inabanga, Bohol (2x50kW) - Mantatao DPP, Calape, Bohol (2x50kW) - Pamilacan DPP, Baclayon, Bohol (2x50kW) - Cabul-an DPP, Buenavista, Bohol (2x50kW) - Hambongan DPP, Inabanga, Bohol (1x50kW) - Mocaboc DPP, Tubigon, Bohol (1x50kW) - Ubay DPP, Tubigon, Bohol (2x20kW)	0.89	Bohol	100,223,375.00	MW	-	-	0.89	-	0.89	- Project accomplishment, 98.88%  - Completed JFI and T&C (10 sites), 0.89MW: Pamilacan DPP - 30 September 2021 Balicasag DPP - 03 October 2021 Cabul-an DPP - 13 September 2021 Cuaming DPP - 08 October 2021 Mantatao DPP - 25 September 2021 Hambongan DPP - 11 September 2021 Mocaboc DPP - 17 September 2021 Batasan DPP - 20 September 2021 Ubay DPP - 01 October 2021 Bagongbanwa DPP - 04 October 2021  - Ongoing rectification of remaining punchlist items: Pamilacan DPP - 7 out of 20 remaining. Balicasag DPP - 7 out of 21 remaining Cabul-an DPP - 7 out of 18 remaining Cuaming DPP - 6 out of 23 remaining Mantatao DPP - 8 out of 22 remaining Hambongan DPP - 8 out of 23 remaining Mocaboc DPP - 8 out of 21 remaining Batasan DPP - 8 out of 22 remaining Ubay DPP - 7 out of 24 remaining Bagongbanwa DPP - 8 out of 21 remaining	- Ocular inspection at project sites conducted to assess damages due to Typhoon Rai (local name: Odette). There are major damages on the newly installed generator sets and equipment including the existing plant structures/equipment. Delivered materials such as cement, RSB, aggregates, and grading fill materials were washed out by storm surge. Estimated completion of works by end of March 2022.  - Contract already expired on 04 September 2021; for imposition of Liquidated Damages (LD) for the unperformed item of works beyond the contract period.

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				Indicator	Benchmark		Target				Actual	
					2019	2020	2021	2020			2021	
19. Supply, Delivery, Installation, Test and Commissioning of Various D/G Sets for Electrification of Seven (7) New Areas in Bohol  - Bilang-bilangan Dako (1x50kW) - Bilang-bilangan Diyot (1x75kW) - Cataban (2x30kW) - Gaus (1x20kW & 1x30kW) - Hingotanan East (1x75kW) - Hingotanan West (1x100kW) - Malingin (2x30kW) - Maomaoan (1x20kW & 1x30kW) - Sagasa (2x30kW)	0.58	Bohol	85,125,120.00	MW	-	-	0.58	-	-	- <b>Project accomplishment, 21.25%</b>  - Under Work Suspension effective 16 December 2021 due to damages brought by Typhoon Rai (local name: Odette)  - Erected take-off structure on 24-25 November 2021 at Bilang-bilangan DPP.  - Installation of precast posts for perimeter fence on 23-25 October 2021 at Malingin DPP.	- Per contract, project will spill over to 1st Quarter of 2022.  - Per Ocular inspection and assessment of damages due to Typhoon Odette, parts of the installed collapsible prefabricated container house were damaged at Cataban, Sagasa, Malingin, Bilangbilangan, and Gaus DPP; Oil leak from the Transformer and suspected to have been submerged in seawater at Cataban, & Malingin DPP; Delivered construction materials were washed out by storm surge. Estimated completion of works by end of March 2022.	
20. Supply, Delivery, Installation, Test and 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	Visayas/ Mindanao Areas	263,777,516.16	MW	-	5.50	5.50	-	1.40	- <b>Project accomplishment, 95.22%</b>  - All genset units delivered at site, as follows: Palimbang DPP: 17 August 2021 Sen. Ninoy Aquino DPP: 20 August 2021 Tandubanas DPP: 30 August 2021 Talicud DPP: 19 September 2021 Sibutu DPP: 23 September 2021 Tandubanak DPP: 23 September 2021 Balimbing DPP: 25 September 2021 Hikdop DPP: 25 September 2021 Limasawa DPP: 25 September 2021 Sacol DPP: 19 October 2021 Balut DPP: 05 November 2021 Manuk-Mangkaw DPP: 05 November 2021 - T&C conducted for the following sites: Sen. Ninoy Aquino DPP: 19 to 23 Nov 2021 Palimbang DPP: 29 November 2021 Balimbing DPP: 29 Nov 2021 to 14 Dec 2021 Talicud DPP: 08 to 11 Dec 2021 - Target project completion by end of Feb 2022	- Final request for Contract Time Extension (until 31 December 2021) was presented to the NP Board on 17 November 2021. The NP Board through the recommendation from NPC Management has denied the said request.  - Issued Show Cause Order on 27 September 2021. Contractor was instructed to expedite delivery & installation of remaining BOP Items, Conduct the T & C and completion of the project.	

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				Indicator	Benchmark	Target		Actual			
					2019	2020	2021	2020			2021
21. Supply, Delivery, Installation, Test and Commissioning Works of 11 Units Modular Gensets for Luzon SPUG Areas under Sch. IV-A - 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	Luzon Areas	161,404,434.10	MW	-	5.30	5.30	-	5.30	- <b>Project completed as of 02 September 2021.</b> - Date of commercial operation per site: Lubang DPP: 02 August 2021 Tingloy DPP: 07 August 2021 Romblon DPP: 11 August 2021 Corcuera DPP: 26 July 2021 Banton DPP: 04 August 2021 - Tested/commissioned as of 27 May 2021. - Completed delivery of lacking standard tools at project sites as of 27 August 2021.	- Contract already expired on 04 September 2021; for imposition of Liquidated Damages (LD) for the unperformed item of works beyond the contract period.
22. Supply, Delivery, Installation, Test and Commissioning of Ten (10) Units of Modular Diesel Generating Sets and Associated Electrical Equipment for Bicol SPUG Areas under Sch. IV-B - Quinalasag DPP (2x200kW) - Peña DPP (1x100kW) - Palumbanes DPP (2x50kW) - Guinauayan DPP (1x50kW) - Nabuctot DPP (1x50kW) - Chico DPP (1x50kW) - Atulayan DPP (2x25kW)	0.80	Luzon Areas  Masbate Catanduanes Camarines Sur	67,803,317.84	MW	-	-	0.80	-	0.80	- <b>Project accomplishment, 98.40%</b> - T&C for Quinalasag, Peña, Palumbanes, Guinawayan, Nabuctot, Chico and Atulayan DPPs as of 24 July 2021. - Ongoing rectification of remaining 6 out of 68 punchlist items. Target completion of works by end of January 2022. - Target project completion by end of January 2022.	- Quinalasag DPP has incoming Qualified Third Party (QTP). Amendment to Order No. 1 issued on 26 August 2021 for the change in delivery sites of the 2x200kW genset and associated equipment for Quinalasag DPP to Bicol Operations Division (BOD) Warehouse, Ligao, Albay. - Amendment to Order No. 2 issued on 23 September 2021 for the delivery of the genset and associated equipment to Naro DPP.
23. Supply, Delivery, Installation, Test and Commissioning of 4 Units of Modular Gensets and Associated Electrical Equipment for Luzon SPUG Areas under Schedule IV-C - 2 x 300kW Maconacon DPP - 2 x 500kW Casiguran DPP	1.60	Luzon Areas	49,981,072.32	MW	-	1.60	1.60	-	1.60	- <b>Substantially completed (99.54%) with remaining 2 out of 10 punchlists for close-out.</b> - Target completion of remaining punchlists by end of January 2022.	
24. Supply, Delivery, Installation, Test and Commissioning of Eight (8) Units of Modular Gensets for Panay & Agutaya SPUG Areas under Schedule II-D - Caluya (2x400 kW) - Gigantes (3x200 kW) - Batbatan (1x100 kW) - Agutaya (2x100 kW)	1.70	Luzon /Visayas Areas	68,443,719.00	MW	-	-	1.70	-	-	- <b>Project accomplishment, 55.31%</b> - Under Work Suspension effective 16 December 2021 due to Typhoon Odette.	

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				Indicator	Benchmark	Target			Actual			
					2019	2020	2021	2020	2021			
25. Supply, Delivery, Installation, Test and Commissioning of 3 x 1500 kW Containerized Diesel Gensets and Asso. Electrical Eqpt. for Kalamansig DPP	4.50	Sultan Kudarat	295,420,798.45	MW	-	4.50	4.50	-	-	- <b>Project accomplishment, 86.14%</b> - Assembly/erection of genset enclosure in progress. - Target project completion on 31 January 2022.	- Final request for a 90-calendar day Contract Time Extension was submitted by the Contractor per letter dated 06 October 2021 following NPC's denial of their Second Motion for Reconsideration for the same. Request was presented to the NP Board on 05 December 2021. For further disposition. - Issued Show Cause Order on 29 Sept. 2021. Contractor was instructed to expedite delivery & installation of remaining BOP items, Conduct the T & C and completion of the project.	
26. Supply, Delivery, Installation, Test and Commissioning of 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 Lanawan DPP (formerly Saluping DPP), Basilan - 3 X 50 KW Tapiantana DPP, Basilan	0.30	Basilan	34,585,000.00	MW	-	0.30	0.30	-	0.30	- <b>Substantially completed (99.26%) with remaining 15 out of 23 punchlists for close-out.</b> - Ongoing rectification of the identified punchlists: Lanawan DPP: 7 out of 11 Tapiantana DPP: 8 out of 12 - Target project completion by end of January 2022.	- Final Notice dated 22 September 2021 issued to the Contractor to expedite the rectification of remaining punchlist items.	
27. Supply, Delivery, Installation, Test and Commissioning of 3x50kW Modular Diesel Gensets, Associated Electrical Equipment and Balance of Plant for the Electrification of New Area in Sulu (Package 11A)	0.15	Sulu	22,939,000.00	MW	-	-	0.15	-	-	- <b>Project accomplishment, 41.25%</b> - Construction of genset and transformer pad foundations already completed. - Completed genset pad and transformer pad foundations on 27 August 2021 and 15 September 2021, respectively.	- Contract already expired last 07 October 2021. Contractor already advised on the imposition of liquidated damages for the unperformed activities beyond contract expiry. - In response to the Show Cause Order issued by NPC on 17 August 2021, the Contractor committed to complete the project on 25 January 2022 per letter dated 30 August 2021.	

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				Indicator	Benchmark		Target		Actual			
					2019	2020	2021	2020	2021			
28. Supply, Delivery, Installation, Test and Commissioning of 2 x 1500 kW (3.0 MW) Containerized Gensets for Dinagat DPP, Dinagat and 2 x 600kW Containerized Gensets for West Simunul DPP, Tawi-Tawi	4.20	Tawi-Tawi	262,052,604.15	MW	-	-	4.20	-	-	<p><b>- Project accomplishment, 10.14%</b></p> <p>- Contract Time Suspension for Dinagat DPP effective 09 October 2021.</p> <p><b>Dinagat DPP:</b></p> <p>- Typhoon Odette hampered the activities at site. PMD-PICC advised the contractor to initiate appropriate measures to catch-up with the delays due to the typhoon.</p> <p>- Gensets (2x1.5MW) arrived at Cagayan de Oro port on 25 December 2021. For delivery at the project site upon normalization of transportation due to the effects of Typhoon Odette.</p> <p><b>West Simunul DPP:</b></p> <p>- 2x600kW gensets, 2x750 kVA Transformers, GCPPs and other accessories delivered at site on 18 November 2021.</p> <p>- Joint Final Inspection and Testing &amp; Commissioning completed on 19 Dec 2021.</p>	<p>- Show Cause Order issued to the Contractor on 26 August 2021.</p> <p>- Resumption of Works upon arrival of diesel gensets of Dinagat DPP.</p>	
29. Supply, Delivery, Installation, Test and Commissioning of 1x200kW and 1x100kW Modular Gensets and Associated Electrical Equipment for Sarangani DPP	0.30	Sarangani	23,055,000.00	MW	-	-	0.30	-	-	<p><b>- PR and other documents transmitted to Logistics on 29 November 2021 for procurement.</b></p> <p>- Pre-procurement report approved on 07 December 2021.</p> <p>- For posting/advertisement.</p> <p>- Target project implementation by 1st quarter of CY 2022.</p> <p><b>Site Acquisition:</b></p> <p>- For notarization of the Deed of Donation.</p> <p>- For preparation of payment for house/structure/improvements.</p>	<p>- Six (6) failed biddings:</p> <ul style="list-style-type: none"> <li>&gt; Bidding (PB1) on 12/27/18 (Failed).</li> <li>&gt; Bidding (PB2) on 5/19/19 (Failed; bidder is non-responsive).</li> <li>&gt; Bidding (PB3) on 10/28/19 (Failed).</li> <li>&gt; Bidding (NP) on 6/30/20 (Failed).</li> <li>&gt; Bidding (PB2) on 2/2/21 (Failed).</li> <li>&gt; Bidding (PB3) on 3/29/21 (Failed).</li> </ul> <p>- Project will spill over to 2022.</p>	

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				Indicator	Benchmark	Target		Actual			
					2019	2020	2021	2020			2021
30. Supply, Delivery, Installation, Test & Commissioning of 2x50kW Mod. Diesel G/S, Asso. Elect. Equip. of 3 Brgys. at Sibanag Is., Basilisa, Province of Dinagat Island Under off-Grid Elect. Project	0.10	Dinagat Island	15,457,000.00	MW	-	-	0.10	-	-	- Pre-procurement report approved on 07 December 2021. - For posting/advertisement. - Target project implementation by 1st quarter of CY 2022. <b>Site Acquisition:</b> - Ongoing preparation of the draft Memorandum of Agreement (MOA) by PAMB-DENR-Caraga. A meeting will be scheduled to finalize the MOA-SAPA. MOA is between DENR- Caraga and NPC for the use of 603 sq.m. to serve as the site for NPC's Sibanag Diesel Power Plant.	- Four (4) failed biddings. > Bidding (PB1) on 7/11/19 (Failed). > Bidding (PB2) on 10/9/19 (Failed). > Bidding (PB3) on 11/11/19 (Failed). > Bidding (NP) on 1/20/20 (Failed).  - Project will spill over to 2022.
1x160 KW MACONACON DPP	0.160	Maconacon, Isabela		MW	0.200	-	-	-	-	Comm'l operation on 06 June 2018 and 23 October 2019	
Electrification of 3 Brgys at Calaguas Group of Islands, Vinzons, Camarines Norte under Off-Grid Elect Project	0.090	Camarines Norte		MW	0.080	-	-	-	-	Comm'l operation in 05/05/2018 and 09 October 2019	
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	
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	

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				Indicator	Benchmark	Target		Actual			
					2019	2020	2021	2020	2021		
1x210 kW Pangutaran DPP	0.210	Sulu		MW	-	-	-	0.210	-	Comm'l operation on 02/20/2020	
Bisucay DPP	0.088	Palawan		MW					0.088	Comm'l operation on 02/27/2021	
Casuguran DPP	0.070	Eastern Samar		MW					0.070	Comm'l operation on 03/18/2021	
Hilotongan DPP	0.080	Cebu		MW					0.080	Comm'l operation on 11/21/2021	
Butuwanan DPP	0.080	Camarines Sur		MW					0.080	Comm'l operation on July 2021	
Calutcot DPP	0.100	Quezon		MW					0.100	Comm'l operation on 02/27/2021	
<b>d) TRANSMISSION LINE</b>	<b>353.67</b>	<b>Masbate/ Palawan/ Marinduque/ Occ./Or. Mindoro</b>	<b>2,291,665,465.59</b>	<b>Ckt-Km</b>	<b>213.41</b>	<b>134.40</b>	<b>71.30</b>	<b>65.21</b>	<b>41.12</b>	<b>TO IMPROVE POWER SUPPLY IN THE MISSIONARY AREAS</b>	
Virac (Marinawa) – San Miguel T/L Project	15.67	Catanduanes	143,420,721.00	Ckt-Km	9.88	-	-	-	-	Energized at 13.8kV	
Mansalay-San Jose 69 kV T/L Project <b>Schedule 1: 34 km.</b>	60.00	Mindoro	221,969,026.25	Ckt-Km	50.00	10.00	-	10.00	-	Completed.	
Mansalay-San Jose 69 kV T/L Project <b>Schedule 2: 26 km.</b>		Mindoro	139,033,794.25	Ckt-Km						Completed.	
Bansud-Mansalay 69 kV T/L Project	64.60	Or. Mindoro	380,158,000.00	Ckt-Km	64.53	-	-	-	-	Completed and energized.	
Rehabilitation of Calapan-Bansud 69 kV T/L Project, Schedule 2	42.00	Oriental Mindoro	30,314,703.00	Ckt-Km	42.00	-	-	-	-	Completed and energized.	
Rehabilitation of Boac-Torrijos 69kV Transmission Line Project	47.00	Marinduque	369,550,146.85	Ckt-Km	47.00	-	-	-	-	Completed and energized.	
Supply, Erection/Installation of <b>Tap-Uson (Mobo-Cataingan)</b> 69kV T/L Project, 1.10 ckt-kms.	1.10	Masbate	8,788,000.00	Ckt-Km	-	1.10	-	-	-	- Failed bidding on 17 June 2021. For revision of Tender Documents. - Target project implementation by October 2021.	



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				Indicator	Benchmark	Target		Actual			
					2019	2020	2021	2020			2021
Rehabilitation of Minolo (Puerto Galera)-Mamburao 69kV Transmission Line Project	52.00	Mindoro	346,561,351.04	Ckt-Km	-	52.00	-	52.41	0.505	- <b>Project completed as of 08 June 2021.</b> - Successfully Energized on 02 July 2021. -Inauguration/Ceremonial switch-on conducted on 24 September 2021	Original MEP target adjusted from CY 2019 to CY 2020  - Work suspension from 01 Nov 2020 to 09 May 2021 due to Right Of Way issues.
Supply and Erection/Installation of Roxas-Taytay 69 kV T/L Project, <b>36.60 ckt-kms. (Schedule 1)</b>  Roxas Substation -Alimanguan Junction ( <b>Structure 1-232</b> )	36.60	Palawan	330,071,689.70	Ckt-Km	-	35.10	36.60	-	11.83	- <b>Project accomplishment, 85.45%</b>  -Stringing of 11.83 ckt-kms completed.  - Ongoing negotiation with the landowner in parallel with the filing of expropriation cases. - For issuance of resumption of works upon receiving Writ of Possession from the Courtt for the two (2)remaining PAPs.	-Original Missionary Electrification Project (MEP) target adjusted from CY 2018 to CY 2020  - Work suspension effective 01 December 2020 to present is due to Right Of Way Issues and design changes due to DPWH road-widening activities. The original TL Pole sites were relocated, hence will require renegotiation for the aquisition of pole sites and Right Of Way easement. Considering that work suspension is still in effect, there is no work in progress.  -Typhoon Odette hit the northern part of Palawan on 17 December 2021. Minor damages reported on the inspection conducted on 18 Dec 2021 includes the damaged/cut off of eight (8) spans of ACSR and installed insulators due to the falling of trees from the conductor. No damages found on the Steel Poles and crossarms.

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				Indicator	Benchmark		Target		Actual			
					2019	2020	2021	2020	2021			
Supply and Erection/ Installation of <b>Roxas-Taytay</b> 69 kV T/L Project, <b>34.7 ckt-kms.</b> (Schedule 2)  Alimanguan Junction -Taytay Substation (Structure 233-434)	34.70	Palawan	321,798,033.50	Ckt-Km	-	36.20	34.70	2.80	28.78	- <b>Substantially completed (99.17%) - with remaining 231 punchlists for close-out.</b>  - Total stringing of 31.58 ckt-kms already completed. - Conducted Joint Final Inspection on 06-10 September 2021. Conducted re-inspection of the T/L on 07-09 December 2021, with identified 231 punchlists. - Ongoing rehabilitation of pole structures affected by the Typhoon "Odette". Fourty (40) structures were affected, damages include cut ACSR conductors, Cross Arms, Structures dressing, and Two (2) leaning poles. Ongoing rehabilitation of pole structures affected by typhoon. - Target project completion by end of March 2022.	-Original MEP target adjusted from CY 2018 to CY 2020  - Contract already expired on 15 September 2021. Liquidated Damages will be imposed for unperformed works beyond the contract period. - Under work suspension effective 18 November 2020 to 30 August 2021 due to ROW issues and design changes due to DPWH road-widening activities. The original TL Pole sites were relocated, hence will require renegotiation for the aquisition of pole sites and Right Of Way easement.	
<b>e) SUBSTATION</b>	<b>110.00</b>	<b>Catanduanes/ Mindoro/ Palawan/ Marinduque/ Masbate</b>	<b>572,859,369.50</b>	<b>MVA</b>	<b>20.00</b>	<b>25.00</b>	<b>50.00</b>	<b>-</b>	<b>50.00</b>	<b>TO IMPROVE POWER SUPPLY IN THE MISSIONARY AREAS</b>	<b>-</b>	
<b>Virac (Marinawa) Substation</b>	10.00	Catanduanes		MVA	10.00	-	-	-	-	Completed and energized.		
<b>Codon Load-end Substation</b>	5.00	Catanduanes		MVA	5.00	-	-	-	-	Completed and energized.		
Supply, Delivery, Construction, Installation, Testing and Commissioning of 5 MVA Taytay Substation	5.00	Palawan	126,987,778.48	MVA	5.00	-	-	-	-	- <b>Project Completed as of 09 November 2019.</b>  - Inauguration conducted on 12 March 2020.		

Monitoring of Programs, Projects and Activities for CY 2020-2021  
 Implementing Agency: *National Power Corporation*  
 As of 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			
					2019	2020	2021	2020	2021		
Supply, Delivery, Construction, Installation, Testing and Commissioning of 5 MVA San Miguel Substation	5.00	Catanduanes	138,241,229.00	MVA	-	5.00	5.00	-	5.00	- <b>Project completed as of 29 October 2021.</b> - Energization/Test and Commissioning (T&C) and Joint Final Inspection (JFI) conducted on 05 June 2021. - Commercial operation on 19 November 2021.	Original Missionary Electrification Plan target adjusted from CY 2019 to CY 2020 '- Contract expired on 11 June 2021. Notice on the imposition of the Liquidated Damages already issued to the Contractor. '- Work suspension from 01 Nov 2020 to 27 May 2021 due to Typhoons Quinta & Rolly (25 Oct 2020 & 01 Nov 2020, respectively), that directly hit Catanduanes area.
Supply, Delivery, Construction, Installation, Testing & Commissioning of Substation Equipment including Transfer of the Existing 5MVA Transformer from Narra Substation to Brooke's Point Substation	5.00	Palawan	89,203,563.00	MVA	-	-	5.00	-	5.00	- <b>Project completed on 05 November 2021.</b> - Energized as of 05 September 2021. - Conducted Joint Final Inspection (JFI), Testing and Commissioning (T&C) on 01-05 September 2021.	Original Missionary Electrification Plan (MEP) target adjusted from CY 2019 to CY 2020 -Work Suspension from 18 Jan 2021 to 25 July 2021 due to pending energization of 40MVA Power Transformer transferred at Narra from Irawan S/S.
Rehabilitation and Transfer of Existing 10MVA Power Transformer at Boac Substation Incl. Supply, Delivery, Construction/ Installation, Test & Commissioning of New 10 MVA Mogpog Substation	20.00	Marinduque	188,468,282.53	MVA	-	20.00	20.00	-	-	- <b>Project accomplishment, 97.25%</b> - JFI & T&C conducted on 15-30 September 2021. Ongoing rectification of the remaining 22 out of 53 punchlists. - Target project completion by end of January 2022. - Contract already expired as of 03 September 2021. Liquidated Damages will be imposed for unperformed works beyond the contract period.	- Original Missionary Electrification Plan (MEP) target adjusted from CY 2018 to CY 2020 - Contract already expired as of 03 September 2021. Notice on the imposition of Liquidated Damages already issued to the Contractor. '- Work suspension from 15 Oct 2020 to 14 Feb 2021 due to various problems encountered during the global outbreak of COVID-19 and erratic weather conditions.

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 Implementing Agency: *National Power Corporation*  
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Programs/Projects/Activities	Description	Geographic Coverage  (province, municipality, barangay)	Resource Requirement	Physical Performance						Remarks/Impact	Issues and Challenges Encountered	
				Indicator	Benchmark		Target		Actual			
					2019	2020	2021	2020	2021			
Upgrading of Existing Power Transformer from 10 MVA to 20 MVA Mobo Substation	20.00	Masbate	29,958,516.49	MVA	-	-	20.00	-	-	<p><b>- Project accomplishment, 3.75%</b></p> <p>- Ongoing submission of drawings, brochures and Technical Data Sheets (TDS) for NPC's approval.</p> <p>- Conducted coordination meeting with the contractor, MASELCO and SPUG-Masbate regarding the necessary preparatory works at site to avoid power outages within the area during the implementation of the project.</p>	<p>Original Missionary Electrification Plan (MEP) target adjusted from CY 2017 to CY 2020.</p> <p>- Project will spill over to 2022.</p>	
Transfer, Installation, Test and Commissioning of 40 MVA Power Transformer from Irawan to Narra Substation	40.00	Palawan						40.00		<p><b>- Project Completed as of 26 July 2021.</b></p> <p>- Rectification of identified punchlists completed on 26 July 2021.</p> <p>- Successfully energized/commissioned on 11 July 2021.</p>		

Monitoring of Programs, Projects and Activities for CY 2020-2021  
 Implementing Agency: *National Power Corporation*  
 As of 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			
					2019	2020	2021	2020			2021
<b>47. NATIONAL RENEWABLE ENERGY PROGRAM</b>										<b>TO CONTRIBUTE TO CLEANER ENERGY SOURCES TO PARTLY REPLACE DIESEL GENERATION WITH RENEWABLE ENERGY</b>	
<b>a) Pilot RE Project in Missionary Area- LIMASAWA Hybrid SOLAR Project</b>	<b>120KW (PEAK)</b>	<b>Limasawa, Southern Leyte</b>	<b>P 53,825,000.00</b>	<b>MWp</b>	<b>-</b>	<b>0.12</b>	<b>-</b>	<b>0.12</b>	<b>-</b>		
Design, Supply, Delivery, Installation, Test and Commissioning Works of <b>LIMASAWA</b> 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	-	<b>Target: 100% ; Actual: Substantially completed (98.38%) with remaining punchlists for close-out.</b>  - Commercially operated and energized as of 07 February 2020. -Joint inspection/assessment conducted on 03-04 June 2021 for the integration of the 1x60kW transition genset.  -Target submission of Project Close-out report by end of 31 January 2022.	- Solar PV Integration and Overall Test & Commissioning (T&C) has yet to be conducted since the Taiwanese Integrator, who will conduct the same, could not proceed to the Philippines due to travel restrictions due to Covid19 pandemic.  -Already hired local integrator expert for C Programming; waiting for the agreement between Tatung Co. and the local integrator.

Programs/Projects/Activities	Description	Geographic Coverage  (province, municipality, barangay)	Resource Requirement	Physical Performance					Remarks/Impact	Issues and Challenges Encountered	
				Indicator	Benchmark	Target		Actual			
					2019	2020	2021	2020			2021
<b>E. Climate Change Adaptation &amp; Mitigation</b>											
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 (Pulang); 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.	<i>No areas reforested due to the pending approval of ERC on NPC's Petition for the avaiment of UC-EC Plans (Plan 11-16)</i>