

Monitoring of Programs, Projects and Activities for CY 2017-2018
 Implementing Agency: National Power Corporation
 As of 31 DECEMBER 2017

Programs/Projects/Activities	Description	Geographic Coverage (province, municipality, barangay)	Resource Requirement	Physical Performance						Remarks/Impact	Issues and Challenges Encountered
				Indicator	Benchmark	Target		Actual			
					2016	2017	2018	2017	2018		
C. Economic Development											
41. Missionary Electrification Project											
a) CAPACITY ADDITION (LEASE)											
a.1) EXISTING RENTAL	38.50	Luzon/Visayas/ Mindanao	429,553,286.24	MW	55.65	40.50	-	40.50	-	TO COMPLEMENT EXISTING CAPACITY IN PSP AREAS PENDING PRIVATIZATION OF THE AREAS	
LUZON AREA	12.50	Various Areas	114,181,710.24	MW	-	14.50	-	14.50	-	-	-
1) BOAC DPP (Lessor: MONARK Equipment Corp)	2.00	Boac, Marinduque	34,560,000.00	MW	-	4.00	-	4.00	-	Commercial operation on-going. Contract ended 14 Sept 2017. This is a 2nd extension for the 2.0MW Lease Contract which is until 14 March 2018.	Notification letter sent to Monark on 16 June 2017 for the Non-renewal of the 4.0MW genset. Three (3) months extension contract in effect.
2) MAMBURAO DPP (From PULANG LUPA DPP) Lessor: AGGREKO International Projects Limited	6.00	San Jose, Occ. Mindoro	40,833,118.24	MW	-	6.00	-	6.00	-	Commercial operation on-going. One year lease contract ended 24 Dec 2017. Three (3) months contract extension until 24 March 2018.	This is transferred from Pulang Lupa S/S as ancillary service. Requested contract extension on process.
3) LUBANG DPP (Lessor: MONARK Equipment Corp.)	1.00	Occ. Mindoro	6,099,996.00	MW	-	1.00	-	1.00	-	Commercial operation on-going. Contract extended from 16 July 2017 to 16 January 2018.	
4) EL NIDO DPP (Lessor: MONARK Equipment Corp)	1.50	Palawan	16,584,996.00	MW	-	1.50	-	1.50	-	Commercial operation on-going. New One Year Lease Contract started 18 July 2017 until 17 July 2018.	
5) EL NIDO DPP (Lessor: MONARK Equipment Corp)	1.00	Palawan	8,270,000.00	MW	-	1.00	-	1.00	-	Commercial operation on-going. New One year Lease Contract started 10 December 2017 until 09 December 2018.	
6) TAYTAY DPP (Lessor: MONARK Equipment Corp)	1.00	Palawan	7,833,600.00	MW	-	1.00	-	1.00	-	Commercial operation on-going. New One year contract from 26 July 2017 until 25 July 2018.	

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MINDANAO AREA	26.00	Mindanao Areas	315,371,576.00	MW	-	26.00	-	26.00	-	-	-
7) DINAGAT DPP (Lessor: MONARK Equipment Corp)	2.00	Surigao Del Sur	18,432,000.00	MW	-	2.00	-	2.00	-	Commercial operation on-going. New one year contract started 16 August 2017 until 15 August 2018.	Contract reduced from 2.5MW to 2.0MW .
8) DINAGAT DPP (Lessor: AGGREKO International Projects Limited)	0.50	Surigao Del Sur	9,652,992.00	MW	-	0.50	-	0.50	-	Commercial operation on-going. New one year contract with Aggreko to start 20 January 2018 until 19 January 2019.	
9) JOLO DPP (Lessor: MONARK Equipment Corp)	4.50	Busbus, Jolo, Sulu	59,990,888.00	MW	-	4.50	-	4.50	-	Commercial operation on-going. New one year lease contract until 24 October 2018.	Consolidated with 1.5MW lease contract for Jolo DPP for a total new contract of 4.5MW.
10) JOLO DPP (Lessor: MONARK Equipment Corp)	3.00	Busbus, Jolo, Sulu	31,735,992.00	MW	-	3.00	-	3.00	-	Commercial operation on-going. New One Year Lease Contract until 10 May 2018.	-
11) BASILAN DPP (Lessor: MONARK Equipment Corp)	2.00	Isabela, Basilan	15,799,992.00	MW	-	2.00	-	2.00	-	Commercial operation on-going. New one Year Lease Contract until 31 July 2018.	-
12) BASILAN DPP (Lessor: MONARK Equipment Corp)	3.00	Isabela, Basilan	37,998,720.00	MW	-	3.00	-	3.00	-	Commercial operation on-going. New one Year Lease Contract until 25 May 2018.	-
13) BASILAN DPP (Lessor: MONARK Equipment Corp)	3.00	Isabela, Basilan	42,858,000.00	MW	-	3.00	-	3.00	-	Commercial operation on-going. New One Year Lease Contract until 01 September 2018.	-
14) KALAMANSIG DPP (Lessor: MONARK Equipment Corp.)	3.00	Sultan Kudarat	32,400,000.00	MW	-	3.00	-	3.00	-	Commercial operation on-going. New one Year Lease Contract until 24 February 2018.	-

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15) BONGAO DPP (Lessor: MONARK Equipment Corporation)	4.00	Tawi-Tawi	55,296,996.00	MW	-	4.00	-	4.00	-	Commercial operation on going. New one Year Lease Contract until 19 Sept 2018.	Consolidated contract from 2.5MW and 1.5MW previous requirement.
16) BONGAO DPP (Lessor: MONARK Equipment Corporation)	1.00	Tawi-Tawi	11,205,996.00	MW	-	1.00	-	1.00	-	Commercial operation on going. New One Year Lease Contract until 24 October 2018.	-
b. CAPACITY ADDITION (New)	39.225	Various SPUG Areas	1,511,196,800.20	MW	13.66	25.80	-	-	28.05	TO PROVIDE ADDITIONAL CAPACITY IN THE MISSIONARY AREAS	-
300 KW Gensets and Below	4.425 MW	Various SPUG Areas	75,334,467.82	MW	-	-	-	-	3.55	-16 units successfully energized (3.55MW) and connected to the grid. Three (3) units for further check-up/repair. -Test and Commissioning completed for 19 units. -For scheduling of T&C for remaining units.	Contract terminated by NPC. Take-over of Contract by NPC effective 22 November 2016.
10 x 600 KW Modular Gensets*	6.0 MW	Various SPUG Areas	77,471,398.80	MW	-	-	-	-	-	Under work suspension. 9 Gensets delivered at project site. 7 units were mounted/installed. Test & Commissioning (T&C) conducted on 4 Genset Units.	Unit model is the same with that of the 14x600 KW Project. T&C of some units were discontinued due to smoldering/ overheating of the Exhaust Manifold.
15 x 600 KW Gensets for Various SPUG Areas	9.0 MW	Various SPUG Areas	289,495,146.47	MW	-	9.00	-	-	9.00	-All units (9.0MW) already in commercial operation. -Conduct of T&C activities for all project sites already completed. Rectification/correction of punchlisted items already completed.	-
13 x 600 KW Gensets for Reflecting Program	7.8 MW	Various SPUG Areas	255,746,917.38	MW	-	7.80	-	-	7.20	-7.2MW (12 Units) already in commercial operation. -For completion of remaining T&C works for PB 116 scheduled in January 2018.	-

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5 x 1,000 KW for BOAC DPP	5.0 MW	Marinduque	288,048,656.97	MW	-	5.00	-	-	5.00	-All units (5MW) are in commercial operation. -Rectification/correction of 2 remaining punchlist items identified during the Joint Final Inspection (JFI) in progress.	-Budget for the proposed counter measure to address the soil erosion at the new switchyard area was proposed under the FY 2018 SPUG budget realignment. Preparation of the Terms of Reference in progress.
1 x 1.5 MW Dinagat DPP	1.5 MW	Dinagat	249,714,295.38	MW	-	1.50	-	-	1.50	-1.5MW (1 unit) already in commercial operation as of 20 December 2017. -For rectification of remaining 6 punchlist items and delivery of remaining spare parts and special tools by the Contractor. Target completion of rectification works by end of January 2018.	For rectification of remaining punchlist items and delivery of spare parts and special tools.
3 x 600 KW for Power Barges - 1 x 600 KW PB 109 & 2 x 600 kW PB 116	7.8MW	Various SPUG Areas	255,746,917.38	MW	-	1.80	-	-	1.80	1.2 MW (2 units) for PB 116 commercially operated on 21 October 2017. Certificate of Taking Over for 2 x 600KW D/G sets was already approved. 0.6MW (1 unit) for PB 109 commercially operated on 06 August 2017.	
2x200KW (Languyan DPP) and 2x150KW (Pandami DPP) Gensets	0.7MW	Sulu/Tawi-Tawi	19,639,000.00	MW	-	0.7	-	-	-	-The D/G set and associated electrical equipment are currently stored at the contractor's warehouse in Cebu City. For conduct of Site Acceptance Test scheduled on 05-12 February 2018.	Site Acceptance Test Procedure for NPC approval remains to be for submission by the Contractor.

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c. Transmission Line	91.47	Masbate/Palawan/ Occ. Mindoro	1,061,799,499.00	KM	150.38	48.32	41.00	22.55	-	TO IMPROVE POWER SUPPLY IN THE MISSIONARY AREAS	-
Rehabilitation of Calapan - Bansud 69 KV T/L Project, Schedule 1	44.00	Or. Mindoro	318,733,000.00	KM	-	44.00	-	21.53	-	-Under Contract Time Suspension effective 16 September 2017 due to pending grant of shutdown with ORMECO to de-energize the Calapan-Naujan T/L Section	
Extension of Mobo-Aroroy 69 KV T/L	3.17 (Remaining)	Masbate	25,496,800.00	KM	2.15	1.02	-	1.02	-	Energization of the Mobo-Aroroy 69kv T/L was completed on 24 December 2017 and already in commercial operation.	
Bansud-Mansalay 69kV T/L Project	3.30 (Remaining)	Oriental Mindoro	380,158,000.00	KM	61.23	3.30	-	-	-	Under 2nd Work Suspension effective 22 February 2017 due to ROW issues -525 out of 541 concrete poles erected -193 out of 196 steel poles/structure already erected	
Rehabilitation of Calapan-Puerto Galera 69kV T/L Project	41.00	Or. Mindoro	337,411,699.00	KM	-	-	41.00	-	-	-Contract Time Extension effective 25 October 2017 was approved due to delayed release of payment of the Contractor's 15% Advance Payment Claim which affected the procurement of hardware/materials resulting to the delays in erection and installation works. -15% Advance Payment already claimed by the Contractor on 22 December 2017. Preparation of Notice of Resumption of Works in progress.	

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d. Substation	15.00	Catanduanes/ Mindoro	463,391,606.04	MVA	-	10.00	5.00	10.00	-	TO IMPROVE POWER SUPPLY IN THE MISSIONARY AREAS	-
Mansalay Switching Station and Expansion of Bansud & San Jose Substation Project*	-	Or. Mindoro	138,887,809.98	MVA	-	-	-	-	-	-Joint Final Inspection conducted on 04-08 December 2017. Rectification works for 20 punchlist items identified in progress.	-
Codon Load-end Substation	5.00	Catanduanes	96,942,300.00	MVA	-	-	5.00	-	-	-Concrete pouring for control house footing, retaining wall and gantry footing already completed. -Excavation, trimming, sloping and setting of boulders on riprap in progress. *Target commissioning by 2018. For evaluation/ determination for the feasibility of the replacement of manufacturer per OLC Legal opinion on Contractor's request for change of manufacturer/ supplier.	
Virac (Marinawa) Substation	10MVA	Catanduanes	134,996,496.06	MVA	-	10.00		10.00	-	Inauguration/Ceremonial Energization conducted 21 July 2017. Rectification of remaining punchlist items scheduled on January 2018.	For energization/ commercial operation upon installation of two (2) additional Billing Meters.
San Miguel Substation	10.00	Catanduanes	92,565,000.00	MVA	-	-		-	-	Landowner already paid/ compensated for affected crops/improvements. Permit to Enter and Construct already granted. Site acquisition under process. Target commissioning by 2019.	

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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 Areas	Limasawa Hybrid Solar Project - 120KW (PEAK)	Limasawa, Southern Leyte	P 50M	KW	-	-	-	-	-	Geophysical Investigation and Inspection already done on site as well as staking and property measurements. Electrical Resistivity and Pitting Tests need to be done as recommended.	
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)	Materials (seedlings) and Labor (outplanting and maintenance/protection)	Area planted (in hectares)	1,881	1,373	-	1,503	-	On-going survey/mapping, production/procurement of seedling requirement and social preparations; Outplanting/Plantation Establishment to be undertaken at the onset of rainy season beginning 3rd Quarter of CY 2017.	Delayed procurement process; EL nino phenomenon

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