Committed/ Indicative	Name of the Project	Project Proponent	Location	Rated Capacity	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			3436			
Committed	Masinloc Expansion Project	AES Masinloc Power Partners Co., Inc.	Zambales	300	FEASIBILITY STUDY: • Completed February 2011 ARRANGEMENT FOR SECURING THE REQUIRED LAND: • No additional land will be aquired as the expansion will be inside the existing Masinloc Power Plant Complex. • NPC/PSALM, however, is still continuing the titling process and land registration for some parcels of land PERMITS AND OTHER REGULATORY REQUIREMENTS: • Grid impact Studies obtained on 7 January 2011 • ECC Amendment was released by DENR on April 23, 2012 • The amended DoE Certificate of Endorsement for BOI was released on May 7, 2012 • Secured CoE for ENC on September 2011 • On-going processing of Certificate of Precondition from NCIP • SAPA amendment is still pending with DENR FINANCING ARRANGEMENTS: • Provided bank certification for financial closing status to DOE dated 24 August 2016; • Project cost is Php49.45B CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • POSCO Engineering and Construction Co. Ltd, Korea (Offshore - Engineering Procurement); Ventanas Philippines Construction Inc. (Onshore Construction Main Contractor) COMMENCEMENT OF CONSTRUCTION: • 2nd Qtr 2014	Unit 3 -September 2019 (commissioning test)	Q1 2020 (Target Testing and Commissioning)
Committed	RPEI Coal-Fired Power Plant	Redondo Peninsula Energy, Inc.	Sitio Naglatore, Cawag, Subic Bay Freeport Zone	600	FEASIBILITY STUDY: Completed ARRANGEMENT FOR SECURING THE REQUIRED LAND: Project Site secured and under possession of RPE MARKETING OF GENERATING CAPACITIES: Started discussions with the Manila Electric Company for sale of power 52% owned by Meralco PowerGen Corp. (MPGC) 225 MW PSA with MERALCO & 75 MW with Aboitiz Energy Services Inc. Awaiting ERC approval of the PSA - Techno-comercial evaluation completed. PERMITS AND OTHER REQUIATION REQUIREMENTS: Amended ECC (3rd Amendment) secured last 15 November 2012 The Connection Agreement has been executed last October 24, 2014. Execution after completion of NGCP's review of the revised System Impact Study and Facilities Study prepared by RPE NGCP's application to ERC for approval of Transmission Asset has been completed and is currently awaiting decision. RPE's application to the ERC for the Connection Asset has been demed sufficient in form and substance Revised System Impact Gis review by NGCP completed 10 May 2012 Any further development dependent on Supreme Court decision on Writ of Kalikasan case; Public consultations conducted in Subito on 29 June 2012 Site Preparation completed in 2013; Target Commencement of Construction will be Dependent on Supreme Court decision on Writ of Kalikasan Case FINANCING ARRANGEMENTS: Project cost Php508 / \$1.28; Financing agreements executed as of Decemebr 2016. Currently under suspension due to ERC delay in PSA Approval CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: *EPC contract lapsed in January 2018 due to long delay in obtaining PSA approval.	Unit I - 2020 Unit II - 2021 (Target Commencement of Construction will be 4 months after NTP)	Unit I - December 2020 Unit II - December 2021
					FEASIBILITY STUDY: • Completed ARRANGEMENT FOR SECURING THE REQUIRED LAND: • GNPD has secured the rights over the project site. MARKETING OF GENERATING CAPACITIES: Signed contracts with a group of electric cooepratives and retail electricity supplier (RESs); On going sales and marketing to electric cooperatives, private distribution utilities, RESs and large users in the Luzon and Visayas grids. PERMITS AND OTHER REGULATORY REQUIREMENTS: • Construction-related permits for the project have been obtained.	e end-	

Committed/				Rated		Toyact Testing 9	Target Commercial
Indicative	Name of the Project	Project Proponent	Location	Capacity (MMA)	Project Status	Target Testing & Commissioning	Operation
Committed	GNPower Dinginin Supercritical Coal-Fired Power Plant	GNPower Dinginin Coal Plant Ltd. Co.	Mariveles, Bataan	1336	GROUNDBREAKING SCHEDULES:	First line commissioning activities targeted to commence by the first quarter of 2020. This	Unit I - June 2020 Unit II - December 2020
Committed	AOE Coal-Fired Power Plant	Atimonan One Energy	Atimonan, Quezon	1200	FEASIBILITY STUDY: Completed ARRANGEMENT FOR SECURING THE REQUIRED LAND: Completed MARKETING OF GENERATING CAPACITIES: AE1 continues is an Energy Project of National Significance, as awarded by the DOE; Meralco has issued a competitive selection pocess for 1,200 MW with a 2024 COD last July 15, 2019. A1E will participate in this CSP with 8id submission expected on September 10, 2005 PENDING. PERMITS AND OTHER REGULATORY REQUIREMENTS: Completed GROUNDBREAKING SCHEDUES: Farly site preparation activities ongoing while waiting for main construction to start, subject to securing PSA/s for its capacity. FINANCING ARRANGEMENTS: Completed CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: Completed COMMENCEMENT OF CONSTRUCTION: Securing PSA/s (with ERC approval/s) is sey to being abite to proceed with the full-twing construction of the plant. PENDING. However, early site preparation works have started to help preserve target schedule. River Culverting and Mountain Culting ongoing. Engineering design and review for the boiler and turb has started. ISSUES ENCOUNTERD RE PROJECT DEVELOPMENT: Delays in securing regulatory-approved PSA/s (more than 2 years), including Superme Court decision which effectively nullified A1E's previously negotiated PSA, contributing further to the delay. PENDING.	Unit 1 - early Q4 2023 Unit 2 - TBD	Unit 1 - 2nd Quarter 2024 Unit 2 - TBD

As of 31 December 2019

Committed/ Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MANA)	Project Status Project Status Commissioning	Target Commercial Operation
	OIL-BASED			300		
					FEASIBILITY STUDY • Completed ARRANGEMENT FOR SECURING THE REQUIRED LAND • Site Lease Agreement was signed March 23, 2018 – Effective starting April 1, 2018	
Committed	Ingrid Pillila Diesel Power Plant	Ingrid Power Holdings, Inc. (Formerly AC Energy Devco, Inc.)	Pililia, Rizal	300	MARKETING OF GENERATING FACILITIES • AC Energy RES and/or NGCP Ancillary Service PERMITS AND REGULATORY REQUIREMENTS • SIS- clerance from DOE issued on 1 Aug 2017 under AC Energy • System Impact Study completed and approved on 24 Jan 2019 • Facility Study completed and submitted to NGCP for approval 29 Jan 2019	Q1 2021
					FINANCING ARRANGEMENTS • 100% Equity • Project Cost Php1.5 Billion	

Committed/ Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (M/M/)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	NATURAL GAS EWC CCGT Power Plant	Fnergy World	Brgy. Ibabang Polo, Grande Island, Pagbilao, Quezon		FEASIBILY STUDY: * Completed *ARRANGEMENT FOR SECURING THE REQUIRED LAND: * Land is already secured with a long lease entered into since 2007 *MARKETING OF GENERATING CAPACITIES: * No specific off taker yet but already have a discussion with Federation of Philippine Industries, intended to supply power into the Wholesale Electricity Spot Market but is also open to discussion of taker yet but already have a discussion with Federation of Philippine Industries, intended to supply power into the Wholesale Electricity Spot Market but is also open to discussion with Federation of Philippine Industries, intended to supply power into the Wholesale Electricity Spot Market but is also open to discussion of the Construction of a Supplement Sas well **Onomic Tease (Industrial Supplement Security of Supplement Supplement Security Supplement	ssing	Operation December 2021

Committed/ Indicative	Name of the Project	Project Proponent	Location	Rated Capacity	Project Status	Target Testing & Commissioning	Target Commercial Operation
	BIOMASS			53			
Committed	GGREC Napier Grass- Fired Biomass Power Plant	Grass Gold Renewable Energy Corp	Nueva Ecija	12	FEASIBILITY STUDY: • Technical and Financial FS submitted on 29 September 2017 ARRANGEMENT FOR SECURING THE REQUIRED LAND: • Acquired MARKETING OF GENERATING CAPACITIES: • FIT-RATE Php 6.5969/kWh • Capacity: 10.8 MW PERMITS AND REGULATORY REQUIREMENTS: • ECC: ECC-RO3-1410-0504, 22 Nov 2016 • BOI: 2016-097, 23 May 2016 • SIS: NetAccess-KAP-RRA-2017-03-205, 15 March 2017 • FS: Net-Access-KAP-RRA-2017-03-205, 15 March 2017 • FS: Net-Access-KAP-RRA- • Connection Agreement: NetAccess-KAP-RRA- • Connection Agreement: NetAccess-KAP-RRA-D18-06-105, 14 June 2018 ESTIMATED NUMBER OG JOBS GENERATED: • During Construction: 350	August 2019	Q1 2020
Committed	Isabela La Suerte Rice Husk-Fired Power Project	Isabela La Suerte Rice Mill Corporation	Camarines Sur	5	Puring Operation: 40-5(FINANCING ARRANGEMENTS: Closed CONSTRUCTION: On-going testing and commissioning Interconnection Issue	November 2019	Q1 2020
Committed	VSGPC Multi-Feedstock Biomass Power Plant Project	V.S. Gripal Power Corporation	Nueva Ecija	6	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on 1 August 2017 (DOE-EPIMB-SIS No. 2017-07-007) 'CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • Construction on-going at 28%	November 2019	Q1 2020
Committed	Cleangreen Energy Biomass Power Plant Project	Cleangreen Energy Corporation	Orani, Bataan	12	FINANCING ARRANGEMENT: -Total Project Cost: US\$27 Million (approximately) MARKETING AND GENERATING CAPACITIES: -FIT -EPC Contractor: ISGEC -O&M Contractor: REURASIA PERMITS AND OTHER REGULATORY REQUIREMENTS: -DOE BREOC -BOI Certificate -DENR-EMC ECC	September 2019	Q1 2020
Committed	Green Innovations Biomass Power Plant	Green Innovations for Tomorrow Corp.		18	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 23 October 2018 (DOE-EPIMB RE-SIS No. 2018-10-006) 'CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • Construction on-going at 30 %	November 2019	Q1 2020
	SOLAR			215			
Committed	ELPI Pasuquin Solar Power Plant Project	Energy Logics Philippines, Inc. (ELPI)	Pasuquin, Ilocos Norte	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: ' • SIS from NGCP • Cerficiate of Financial Closing	December 2019	February 2020

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)

COMMITTED

As of 31 December 2019

Committed/ Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (M/M/)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Committed	Concepcion 1 Solar Power Project	Solar Philippines Tarlac Corporation	Concepcion , Tarlac	115	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Awarded with RE Service Contract (SESC No. 2017-07-442-AF1) on 15 Aug 2017 • Certificate of Commerciality No. SCC-2017-11-062 dated 06 Dec 2017 • ERC granted interim relief of the PSA between MERALCO and SPTC (PHP 2.9999 per kWh - without escalation)	December 2020	December 2021
	WIND			0			

Total Committed Rated Capacity 4,654.0

Indicative Name of the Project Projec
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SUMMARY - COMMITTED PROJECTS (LUZON)

	MW	% Share
COAL	3,436.0	73.8%
OIL-BASED	300.0	6.4%
NATURAL GAS	650.0	14.0%
RENEWABLE ENERGY	268.0	5.8%
GEOTHERMAL	0.0	0.0%
HYDROPOWER	0.0	0.0%
BIOMASS	53.0	1.1%
SOLAR	215.0	4.6%
WIND	0.0	0.0%
	0.0	0.0%
TOTAL	4,654.0	
*BESS	0.0	