

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			8,935			
Indicative	H & WB PCB Supercritical Coal-Fired Power Plant	H & WB ASIA PACIFIC (PTE LTD) CORPORATION	Jose Panganiban, Camarines Norte	700	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Pre-feasibility studies have conducted to determine the viability of the project- Completed in 2014 Feasibility study "Draft Final Report" is expected to be completed in the 4th Quarter of 2019. <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Land already secured and subject lots are undergoing titling. <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> On-going negotiations with MERALCO and Electric Cooperatives will be held on 3rd week of March H&WB submitted the revised PSA Term Sheet to MERALCO that considers the latter's inputs Dec. 12, 2017 <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued clearance to undertake GIS on February 12, 2015 On-going securing of permits and other regulatory requirements <ul style="list-style-type: none"> LGU endorsement secured 10 June 2014 NGCP issued "Offer of Service" for SIS on 31 March 2015- completed on 23 September 2015 <ul style="list-style-type: none"> Currently undergoing NGCP's review process On-going processing of ECC requirements Environmental Impact Assessment activities are on going to secure an Environmental Compliance Certificate <ul style="list-style-type: none"> Issued with NCIP Certificate of Non-Overlap 2 August 2018 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Due diligence, audit and financial modelling are on-going Presentations made to six major IPP developers. NDA with the fifth IPP developer was signed on July 28, 2016. Advisory stage in the Financial Model simulations based on ERC approvals vis-a-vis project's economics, and financing scheme. <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Cost Estimate for Connection, and transmission Line; ROW under evaluation. <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Commencement of Construction for Unit 1: Year 2020, Unit2: subject for completion of the proposed 500 kV Tagkawayan Substation, and to the demand and supply status in the Luzon Grid/ under evaluation, schedule wise. 	Unit 1 - 2023 Unit 2 -subject to the completion of the proposed 500 kV Tagkawayan Substation, and to the demand and supply status in Luzon Grid/ under evaluation, schedule wise.	Unit 1 - 2023 Unit 2 -subject to the completion of the proposed 500 kV Tagkawayan Substation, and to the demand and supply status in Luzon Grid/ under evaluation, schedule wise.
Indicative	2x500 MW KEPCO Pangasinan Coal-Fired Power Plant	KEPCO Philippines Corporation	Sual, Pangasinan	1000	<p>FEASIBILITY STUDY</p> <ul style="list-style-type: none"> Completed <p>ARRANGEMENT FOR SECURING REQUIRED LAND</p> <ul style="list-style-type: none"> In negotiation with the localities and stakeholders; Establishing Land Company, currently in-negotiation with land owners <p>MARKETING OF GENERATING CAPACITIES</p> <ul style="list-style-type: none"> In negotiation with prospective off-takers <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS 1 August 2017 (DOE-EPIMB-SIS No. 2017-07-004) 	September 2023	March 2024
Indicative	Quezon Coal Fired Thermal Plant Project	Orion Pacific Prime Energy, Inc.	Tagkawayan, Quezon	1,200	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Final Feasibility - Dec 2016; Additional FS - August 2017 (On-going); F/S Korean Government -April 2018; Final Report on Financial Pro-Forma Analysis Jan 2017; <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Ongoing; 88% completion; Application and Completion of Land Conversion - 2nd Q 2019 <p>MARKETING OF GENERATING CAPACITIES</p> <ul style="list-style-type: none"> Preliminary negotiation for Possible Power Supply Agreement with Meralco After submission of detailed offer and evaluation of Meralco possible for discussion on Proposed Term Sheet for possible PSA – 4th Quarter of 2018 <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with COE on 19 January 2017(COE No. 2016-12-006) Issued with SIS on 26 April 2017(COE No. 2017-02-007) NGCP issued "Offer of Service" for SIS on 19 June 2018 submitted Certification of Registration on 9 August 2018 <ul style="list-style-type: none"> Currently undergoing NGCP's review process <p>FINANCING ARRANGEMENTS</p> <ul style="list-style-type: none"> Cost is US \$2.1 Billion 	December 2023	March 2024
					<p>FEASIBILITY STUDY: Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: Finalization of terms of sub-lease on-going</p> <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> ERC commenced hearing the PSA application starting November 29, 2016; held last 11 January 2018; Pending resolution from the Commission; <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> SEC Registration - September 2013; DENR ECC - Amended ECC Dec 13, 2017; Facility Study - Jan 4, 2018 NGCP Grid Impact Study - February 13, 2017; Sangguniang Barangay Endorsement - February 24, 2017; 		

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Indicative	SRPGC 2x350MW Coal-Fired Power Plant Project	St. Raphael Power Generation Corporation	Brgy. San Rafael, Calaca, Batangas	700	<ul style="list-style-type: none"> • BOT Registration - On-going Registration; <p style="text-align: center;">GROUNDBREAKING SCHEDULES:</p> <ul style="list-style-type: none"> • Target Notice to Proceed 2H 2019; dependent on the ERC issuance of favorable resolution on the PSA and NGCP acquisition of substantial portion of the New Calaca - Dasmariñas transmission line right of way. <p style="text-align: center;">FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> • Target financial close 2H 2019; dependent on ERC issuance of favorable resolution on PSA and NGCP acquisition of New-Calaca - Dasmariñas transmission line of way <p style="text-align: center;">CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • EPC Contract Target Signing 1H 2019; <p style="text-align: center;">COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> • 2H 2019; <p style="text-align: center;">ISSUES ENCOUNTERED RE: PROJECT DEVELOPMENT</p> <ol style="list-style-type: none"> 1. SRPGC 2x350MW Commercial operations anchored on the completion of NGCP Calaca-Dasmariñas Transmission Line Expansion Project; 2. Connection to the grid is dependent on the completion of the New Calaca Substation; 3. Final project economics dependent on ERC's decision on the PSA which impacts financing 	2025	2025

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Indicative	Global Luzon Coal-Fired Power Plant	Global Luzon Energy Development Corporation	Brgys. Carisquis and Nalvo Sur, Luna, La Union	670	<p>FEASIBILITY STUDY: Completed</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Completed; Reclassification to Industrial land classification ongoing. <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> EPPA with MERALCO has been executed for the off-take of 100% of plant's net capability <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Secured Environmental Compliance Certificate (ECC) last October 5, 2018; Secured SIS and Facility Study; Secured DOE endorsement to NCIP for CNO last March 27, 2017; Ongoing application for Certificate of Energy Project of national Significance (CEPNS); Secured DOE endorsement to NCIP for CNO last March 27, 2017; Secure Certificate of Non-coverage from DAR last December 12, 2016. <p>ESTIMATED NUMBER OF JOBS GENERATED:</p> <ul style="list-style-type: none"> During Construction: 2500-3000 jobs During Operation: 300 jobs <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Total Project Cost is US\$ 1.5B; On-going discussion with major banks and capital companies for project financing <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Preliminary result of EPC Pre-qualification/shortlisting process completed lat August 2017. Evaluation of prospective EPC still on process. 	TBD	TBD
Indicative	Merbau Coal Fired Thermal Power Plant	Merbau Corporation	Brgy. Pinamukan Ibaba, Batangas City	600	<p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Property is currently under Land Lease Agreement (LLA) between Sem-Calaca Power Corporation (SCPC) with PSALM <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> On-going negotiations with prospective off-takes (DUs and those currently with PSAs and contestable market under Open Access Regime) <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Secured and LGU endorsement. Secured Clearance from DOE for the conduct of GIS on 21 February 2014; DEIA activities are ongoing to secure an Environmental Compliance Certificate. <ul style="list-style-type: none"> Secured certificate of Non-overlap on July 3, 2018. Conduct of Technical Scoping was undertaken on January 10, 2017. On September 19, 2016, the NGCP recommended to conduct a new round of simulations for the two connections schemes. <ul style="list-style-type: none"> In May 2017, requested from the DOE-IPO for the issuance of COE as required by the DENR-EMB. <ul style="list-style-type: none"> EGGAR commenced on August 13, 2018 on November 27, 2018 PHIVOLCS issued Certification which reflects their earthquake hazard assessment; on February 26, 2019 signed with MGV-V a MOA on the conduct of EGGAR; on March 15-17, 2019 MGB-V performed GVR of EGGAR. Its results and issuance of MGB Certification shall be released in April 2019. on April 25, 2019, MGB-V provided H&WB the results of its GVR where it recommends the EGGAR be revised according to the format required pursuant to MGB Memo Circular No 2000-33, dated March 4, 2000; on November 29, 2018, the Jose Panganiban's MENRO issued a No Objection Letter which supports H&WB to cut trees within the project site. On February 6, 2019, the MPDO issued a certification that they are still in the process of re-zoning for industrial use certain lots allocated for JCPP. <ul style="list-style-type: none"> Secured ROW certification on January 30, 2019. Ongoing securing of permits and other regulatory requirements. <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> On-going negotiations for the financing arrangements and other permits <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pre-Construction Phase (8 months) <ul style="list-style-type: none"> Construction of EIA study and permitting <ul style="list-style-type: none"> Design and Engineering Commissioning of EPC Contractor (Phase 1 and Phase2) Construction Phase (12 months) Civil Works and plant equipment installation <ul style="list-style-type: none"> Operation Phase (design life) Start-up and unit synchronization Conduct of public Scoping with Stakeholder representatives 10 October 2013 Conduct of Technical Scoping with EMB and EIA Rev Com - 6 November 2013 <ul style="list-style-type: none"> On-going securing of regulatory requirements 	TBD	TBD
Indicative	SMC Circulating Fluidized Bed Coal-Fired Power Plant	SMC Global Power	Brgy. Ibabang Polo, Pagbilao, Quezon	600	<p>FEASIBILITY STUDY</p> <p>Pre-Engineering activities in progress</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 8 June 2016 (DOE-EPIMB-SIS No. 2016-05-006) 	TBD	TBD
Indicative	SMC Circulating Fluidized Bed Coal-Fired Power Plant	SMC Global Power Holdings Corp.	Sariaya, Quezon	600	<p>FEASIBILITY STUDY</p> <p>Pre-Engineering activities in progress</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 14 October 2016 (DOE-EPIMB-SIS No. 2016-08-006) 	TBD	TBD
Indicative	Zestpower Coal Thermal Plant	Zestpower Corporation	Mariveles, Bataan	660	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Ongoing <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Pending release of DAR Exemption <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Ongoing negotiation with MERALCO <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Pending draft of First Phase ECC application SIS completed and submitted to NGCP for review and approval 	TBD	TBD

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Indicative	SMC Mariveles Coal-Fired Power Plant	SMC Global Power Holdings Corp.	Mariveles, Bataan	1,200	<p>FEASIBILITY STUDY Pre-Engineering activities in progress</p> <p>'PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 12 January 2015 (DOE-EPIMB SIS No. 2015-01-005)</p>	TBD	TBD
Indicative	Supercritical Pulverized Coal Thermal	Masinloc Power Partners Co, Ltd.	Masinloc, Zambales	1,005	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 12 January 2015 (DOE-EPIMB SIS No. 2018-11-001)</p>	TBD	TBD
	OIL-BASED			2016.04			
Indicative	SPC - Tarlac Bunker Fired Power Plant	Supreme Power Corp.	Capas, Tarlac	11.04	<p>• Completed</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND • SPC already bought a lot with an area of 10,000 square meters</p> <p>MARKETING OF GENERATING FACILITIES • Build-Operate-Transfer (BOT) to Davao Oriental Electric Cooperative, Inc. for 15 Years Cooperation Period</p> <p>PERMITS AND REGULATORY REQUIREMENTS • ECC is already issued, with ECC No. ECC-OL-R11-2018-0201 • Issued with SIS 7 June 2018 (DOE-EPIMB-SIS No. 2018-06-002)</p> <p>FINANCING ARRANGEMENTS • To be financed by DBP on a 80:20 DE Ratio</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS • Start of construction September 2019</p>	December 2019	October 2020
Indicative	(2x310) Bataan Combine Cycle Power Plant	Panasia Energy, Inc.	Brgy. Luz, Limay, Bataan	620	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 10 July 2019(DOE-EPIMB-SIS NO. 2019-07-001)</p>	March 2020	April 2020
Indicative	Isla del Fuego Bunker Fired Diesel Power Generating Facility	Isla del Fuego Power Utilities	Redondo Peninsula, Subic, Zambales	35	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS 1 August 2018 (DOE-EPIMB-SIS No. 2018-06-003)</p>	TBD	TBD
Indicative	Combined Cycle Power Plant	Panasia Energy, Inc.	Brgy. Ilijan, Batangas City	1200	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS 6 August 2019 (DOE-EPIMB-SIS No. 2019-08-001)</p>	TBD	TBD
Indicative	Bataan Diesel Power Plant	Bataan Solar Energy, Inc.	Brgy. Batangas II, Mariveles, Bataan	150	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS 2 September 2019 (DOE-EPIMB-SIS No. 2019-08-002)</p>	TBD	TBD
	NATURAL GAS			8,620			
Indicative	VIREs LNG-FIRED POWER BARGE PROJECT	VIREs Energy Corporation	Batangas Bay area, Batangas	500	<p>FEASIBILITY STUDY • Completed</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND • MOU on Land Lease negotiated</p> <p>MARKETING OF GENERATING CAPACITIES • On-going negotiations</p> <p>PERMITS AND REGULATORY REQUIREMENTS • Awarded ECC by DENR - January 2018; SIS from NGCP - December 2017 • Issued with SIS 11/24/2016 (DOE-EPIMB-sIS No. 2016-11-004) • Environmental Compliance Certificate – January 2018 . We continue to provide required reports to EMB • System Impact Study from NGCP – December 2017. We will work on Connection , transmission and Metering Agreements once we reached FID.</p> <p>FINANCING ARRANGEMENTS • USD 741 M; 30/70 project financing is being arranged</p>	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Sta. Maria Power Plant (Phase II)	First Gen Ecopower Solutions Inc.	Santa Rita, Batangas	450	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> On-going Feasibility Study <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Parcels of land to be used by the Project shall be purchased from FGHC and FGP Corp. <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Discussion on targeted off takers on-going <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Power Plant options update completed as of 17 June 2015 City and Barangay endorsements acquired in 2013 Secured Clearance from DOE for the conduct of GIS on 18 February 2013 Environmental compliance Certificate application is on-going (targeted to be acquired by July 2015) <ul style="list-style-type: none"> Importation permit application is on-going Accreditation from the BOI (targeted on December 2015) <ul style="list-style-type: none"> Importation permit is on-going BOI Accreditation target is December 2015 DENR ECC on going; Certificate is expected in September 2015 <ul style="list-style-type: none"> Issuance of ECC from DENR expected by October 2015 <ul style="list-style-type: none"> BOI targeted January 2016 On-going coordination with affected barangays <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Discussion with International Financing outfits and local banks on-going <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> EPC and Operation Maintenance contracts targeted to be awarded on December 2015 	TBD	TBD

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Indicative	Lucidum Liquefied Natural Gas Power Plant	Lucidum Energy, Inc.	Silanguin Bay, Zambales	300	<p>FEASIBILITY STUDY: Completed</p> <ul style="list-style-type: none"> Pacifictech Solutions has completed Feasibility Study as of November 2014 <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Lucidum have decided to purchase the land rather than to lease Additional land area has been decided upon to be leased as right of way for the conveyor belt from the port <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Initial talks between Lucidum and respective DUS, large scale power consumers and cooperatives have been initiated Several structures are being considered to comply with the PPA or commercial guarantees Complete corporate documentation for SEC and DOE Endorsement for SEC has been complied On-going processing of other regulatory requirements <ul style="list-style-type: none"> LGU permits, among others Approval for the grid impact study has been obtained from the DOE to be submitted to NGCP <ul style="list-style-type: none"> On-going processing of ECC requirements <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Financing arrangements are currently negotiating with two lenders and they're waiting for the completion of the feasibility study for their validation <ul style="list-style-type: none"> Initial talks have been geared towards a 60-40 debt-equity ratio Current talks with a serious private equity, with the intentions of a turn-key relationship with the assistance of Lucidum group 	TBD	TBD
Indicative	SMC Ilijan LNG Power Plant	SMC Global Power Holdings Corp.	Batangas	3,600	<p>FEASIBILITY STUDY Pre-Engineering activities in progress</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 12 January 2015 (DOE-EPIMB-SIS No. 2015-01-005) <p>(Phase 1 - 2 x 600) (Phase 2 - 2 x 600) (Phase 3 - 2 x 600)</p>	TBD	TBD
Indicative	Limay LNG Power Corporation CCGT Project	Limay LNG Power Corporation	Limay, Bataan	1100	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 18 July 2018 (DOE-EPIMB-SIS No.2018-07-001) 	TBD	TBD
Indicative	Millennium Energy Inc. Gas Turbine Power Plant	Millennium Energy Inc.	Navotas Fish Port	210	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 18 July 2018 (DOE-EPIMB-SIS No.2018-11-003) 	TBD	TBD
Indicative	Llyods Energy Philippines Inc. Floating Power Plant	Lloyds Energy philippines Inc.	San Pascual, Batangas Bay	1200	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 1 August 2019 (DOE-EPIMB-SIS No.2019-07-003) 	TBD	TBD
Indicative	First Gen Ecopower Solutions Inc. Santa Maria Combined-Cyle Power Plant Project	First Gen Ecopower Solutions Inc.	Batangas City	1260	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 27 August 2019 (DOE-EPIMB-SIS No.2019-08-005) 	TBD	TBD
	GEOTHERMAL			310			
Indicative	Bacon-Manito Geothermal Power Project	Energy Development Corporation	Bacon-Manito, Sorsogon	80	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS 19 December 2017 (DOE-EPIMB-GIS No. 2017-11-001) 	September 2021	October 2021

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Indicative	Bacman 4 Botong - Rangas Geothermal Project	Energy Development Corporation	Bacon District, Sorsogon, Sorsogon City	20	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> On-going Feasibility Study <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> DOE Service Contract within GRESA # 2009-10-003 LGU endorsement, Land Use Permits, and DENR-ECC obtained Permits for the TCP and Water Rights are on-going Turnkey Contract pending result of feasibility study <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Project cost is subject to the result of the feasibility study <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Target commencement of construction on 1st half of 2015 	November 2022	December 2022
Indicative	Kayabon Geothermal Project	Energy Development Corporation	Manito, Albay	30	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> On-going Feasibility Study <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> On-going Feasibility Study and resource assessment; DOE Service Contract within GRESA # 2009-10-003 LGU endorsement DENR-ECC, and Water Rights obtained On-going application for land-use permits and negotiations with lot owners On-going application for SLUP and TCP permits Clearance to Undertake GIS from DOE issued on 7 October 2011 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Project cost is subject to the result of the feasibility study <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Target commencement of construction on 2nd half of 2017 	November 2025	December 2025
Indicative	Kalinga Geothermal Power Project	Aragorn Power & Energy Corp.	Pasil, Kalinga	120	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> On-going studies <p>MARKETING OF GENERATING CAPACITIES</p> <ul style="list-style-type: none"> On-going market study <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> DENR Special Land Use permit (SLUP) for the use of forest land in Balatoc- SLUP was secured on 6 May 2019 for PAD1 and 3B valid for three (3) years. Certificate of Non-Coverage (CNC)- (1) CNC-COL-CAR -2016-03-02869 for PAD-1; (2) CNC-COL-CAR-2016-03-02867 for PAD-#; (3) CNC-COL-CAR-2016-03-02868 for PAD-6; and (4) CNC-COL-CAR-2019-03-00113. Pollution Control Officer (PCO) Accreditation Application was submitted on 04 June 2019. 	TBD	TBD
Indicative	Maibarara Geothermal Power Project	Maibarara Geothermal, Inc.	Laguna/Batangas	60	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS 5 April 2019 (DOE-EPIMB-RE-SIS No. 2019-03-002) 	TBD	TBD
	HYDROPOWER			3484.578			
Indicative	Lalawinan Mini-Hydro Power Project	Repower Energy Development	Real, Quezon	3	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 29 December 2015; Issued with SIS on 5/28/2015 	November 2019	December 2019
Indicative	Ibulao Hydroelectric Power Project	Hydrocore, Inc.	Lagawe, Ifugao	4.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 26 June 2013 Already secured LGU Endorsements DENR Environmental Compliance Certificate NCEP Certificate of Precondition Land Lease agreement and NWRB Permit. Submitted Feasibility Study, Detailed Engineering Design and 5-Yr Work Plan and Grid Impact Study Clearance to Undertake GIS from DOE issued on 17 October 2011 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going construction (Pre-construction - 100%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 	November 2020	December 2020
Indicative	Ibulao 1	Kiangan Mini Hydro Corporation	Kiangan, Ifugao	6.75	<p>Issued Confirmation of Commerciality on 24 June 2016. Ongoing pre-construction activities.</p>	November 2020	December 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
INDICATIVE	Dupinga Hydroelectric Power Project	Constellation Energy Corporation	Gabalton, Nueva Ecija	3	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued Confirmation of Commerciality on 26 June 2013 <ul style="list-style-type: none"> • Already secured LGU Endorsements • DENR Environmental Compliance Certificate • NCIP Certificate of Compliance, and NWRB Permit • Submitted Feasibility Study and 5-Yr Work Plan • Submission of lacking requirements e.g. permits in progress • On-track with the schedule with regards to the permitting on-going conduct of pre-construction activities such as permitting <ul style="list-style-type: none"> • Issued confirmation of Commerciality on 26 June 2013 e.g. permits in progress <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • Construction Progress (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 	November 2022	December 2022
Indicative	Gened - 1 Hydroelectric Power Project	Pan Pacific Renewable Power Phils. Corp.	Pudtol, Apayaw	150	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> • Final Report submitted on 16 May 2016; Completed <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • LGU endorsements • Secured Endorsement Letter from CENRO on May 9, 2018 • Secured Endorsement Letter from PENRO on May 31, 2018 • Commencement date of Perimeter Survey on the applied area with Technical Personnels for CENRO on June 25, 2018 <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> • On-going <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> • WESM; Off-take agreement <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> • 4th Quarter of 2018 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> • Bank Financing will push through upon completion of all necessary permits and clearances for the project <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • 6 EPC Contractors submitted tenders for the proposed 150 MW GENED 1 HPP. Evaluation of final bidding of EPC Contractors on-going <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> • 1st Quarter of 2019 	4th Q 2022	2nd Q 2023
Indicative	Didipio 1	AT Dinum Company	Kasibu, Nueva Vizcaya	2.1	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued Confirmation of commerciality on 3 March 2016; 	November 2024	December 2024
Indicative	Kabayan 2 (Natalang HEP)	Hedcor Cordillera, Inc.	Kabayan, Benguet	38	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> • On going <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> • To secure contract of lease with the landowners <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> • FIT or PSA <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • With Renewable Energy Service Contract • With on going application for HSC amendment: Increase in capacity from 45 MW to 52 MW • Still on process in securing other regulatory requirements <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> • 4th Quarter of 2016 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> • Parent company will undertake to provide financial support <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • To be undertaken after acquisition of permits <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> • 4th Quarter of 2016 	November 2024	December 2024
Indicative	Ilaguen 3	Isabela Power Corporation	Echague, Isabela	11	<p>Issued Confirmation of Commercialization on May 24, 2016. Ongoing pre-construction activities.</p>	November 2024	December 2024
Indicative	Kapangan	Cordillera Hydro Electric Power Corporation	Kapangan & Kibungan, Benguet	60	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued Confirmation of Commerciality on 13 February 2014 <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> • On-going civil works of hydro facilities 	November 2025	December 2025

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Tumauni (Lower Cascade)	Quadriver Energy Corp.	Tumauni, Isabela	7.8	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Submission of Lacking requirements e.g. permits in progress <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going pre construction activities 	November 2025	December 2025
Indicative	Abdao HEP	AV Garcia Power Systems Corp.	Tabaan Sur, Tuba, Benguet	2	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 25 September 2014 Submission of Lacking requirements e.g. permits in progress <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going pre construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 Pending submission of requirements for construction 	November 2025	December 2025
Indicative	Barit (Irrigation Discharge) Hydroelectric Power Project	Nascent Technologies	Buhi, Camarines Sur	0.4	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 12 September 2014 Submission of Lacking requirements e.g. permits in progress <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 Pending submission of requirements for construction 	November 2025	December 2025
Indicative	Talubin Hydropower Project	Mountain Province Electric Cooperative, Inc.	Bontoc, Mountain Province	4.9	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 11 December 2015 	November 2025	December 2025
Indicative	Ilaguen 4	Isabela Power Corporation	Echague	10	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> Issued Confirmation of Commercialization on October 02, 2015 	November 2025	December 2025
Indicative	Matuno 1	Smith Bell Mini Hydro Corporation	Ambaguio, Nueva Vizcaya	7.4	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 29 December 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for under development stage 	November 2025	December 2025
Indicative	Hungduan	Kiangan Mini Hydro Corporaion	Kiangan, Ifugao	4.04	<p>Issued Confrimation of Commercialization on 07 September 2016. Ongoing pre-construction activities.</p>	November 2025	December 2025

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Asin	Kiangan Mini Hydro Corporaion	Kiangan, Ifugao	7.04	Issued Confirmation of Commercialization on 24 June 2016. Ongoing pre-construction activities.	November 2025	December 2025
Indicative	Ilaguen	Isabela Power Corporation	San Mariano & San Guillermo	19	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 18 February 2015; On-going permitting <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for construction 	November 2025	December 2025
Indicative	Piapi	Repower Energy Development	Mauban, Quezon	3.30	Issued Commerciality on 9 March 2016. Ongoing pre-construction activities.	November 2025	December 2025
Indicative	Lower Labayat	Repower Energy Development	Real, Quezon	1.40	Issued Commerciality on 9 March 2016. Ongoing pre-construction activities.	November 2026	December 2026
Indicative	Ilaguen 2	Isabela Power Corporation	Dinapigue, Isabela	14	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 22 May 2015; On-going permitting <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for construction 	November 2026	December 2026
Indicative	Pinacanauan	Sunwest Water & Electric Co., Inc.	Peñablanca, Cagayan	6	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 18 September 2013 <ul style="list-style-type: none"> Already secured LGU Endorsement DENR ECC, NWRB CWP and NCIP CNO Submitted Feasibility Study, Detailed Engineering Design and 5-Yr Work Plan Clearance to Undertake GIS from DOE issued on 25 March 2013 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 	TBD	TBD
Indicative	Matibuey	Sta. Clara Power Corporation	Matibuey, Ilocos Sur	16	<ul style="list-style-type: none"> Issued Confirmation of commerciality on 12 April 2016; <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> with SIS no. 2017-07-008; <ul style="list-style-type: none"> Issued SIS on 24 May 2018 	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Tibag	Repower Energy Development	Real, Quezon	4.40	Issued Commerciality on 9 March 2016. Ongoing pre-construction activities.	TBD	TBD
Indicative	Tiguan River (Upper Cascade) HEP	Repower Energy Development Corp	Real, Quezon	1.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 8 May 2017 (DOE-EPIMB-SIS No. 2017-04-004) 	TBD	TBD
Indicative	Ibulao 2	Enerhighland Corporation	Municipalities of Kiangnan, Lamut and Lagawe, Province of Ifugao	7.40	Issued Confirmation of Commerciality on 27 May 2016. Ongoing pre-construction activities.	TBD	TBD
Indicative	Tinoc 1	Quadriver Energy Corp.	Tinoc, Ifugao	4.1	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Pending submission of requirements for construction • Issued Confirmation of Commerciality on 9 August 2013 	TBD	TBD
Indicative	Tinoc 4	Philnew Hydro Power Corporation	Tinoc, Ifugao	5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued Confirmation of Commerciality on 09 August 2013; • Submission of lacking requirements e.g. permits in progress; • Clearance to Undertake GIS from DOE issued on 11 July 2011 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • Construction Progress (On going Pre-construction, Construction-0%, Interconnection-0%) completed as of 30 September 2014 	TBD	TBD
Indicative	Tinoc 2	Philnew Hydro Power Corporation	Tinoc, Ifugao	11	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued Confirmation of Commerciality on 06 January 2014 • Submission of lacking requirements e.g. permits in progress • Clearance to Undertake GIS from DOE issued on 11 July 2011 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 	TBD	TBD
Indicative	Tinoc 3	Quadriver Energy Corp.	Tinoc, Ifugao	8	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued Confirmation of Commerciality on 06 January 2014 • Submission of lacking requirements e.g. permits in progress • Clearance to Undertake GIS from DOE issued on 11 July 2011 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Tumauni (Upper Cascade)	Philnew Hydro Power Corporation	Tumauni, Isabela	14	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Submission of Lacking requirements e.g. permits in progress Issued with GIS on 29 October 2017 (DOE-EPIMB-SIS No. 2017-10-004) <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going pre construction activities 	TBD	TBD
Indicative	Kabayan 1	Hedcor Benguet, Inc.	Kabayan, Benguet	20	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> On-going conduct of Feasibility Study <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Securing of permitting requirements Newly signed HSC Dec 28, 2015; COR Dec 23, 2015 With Renewable Energy Service Contract Still on process in securing other regulatory requirements <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> To secure contract of lease with the landowners <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> FIT or PSA <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> 4th Quarter of 2016 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Parent company will undertake to provide financial support <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> To be undertaken after acquisition of permits <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> 4th Quarter of 2016 	TBD	TBD
Indicative	Kabayan 3	Hedcor Benguet, Inc.	Kabayan, Benguet	27	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> On going <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> To secure contract of lease with the landowners <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> FIT or PSA <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> With Renewable Energy Service Contract With on going application for HSC amendment: Increase in capacity from 14.3 MW to 27 MW Still on process in securing other regulatory requirements <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> 4th Quarter of 2016 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Parent company will undertake to provide financial support <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> To be undertaken after acquisition of permits <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> 4th Quarter of 2016 	TBD	TBD
Indicative	Tignoan HEP	Aurora All Asia Energy Corp.	Real, Quezon	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Currently on-going Preparation of Business Plan On-going negotiations of Business Financing Arrangement Clearance to Undertake GIS from DOE issued on December 2014 	TBD	TBD
Indicative	Ibulao I Hydroelectric Power Project	Kiangan Mini-Hydro Corporation	Kiangan, Ifugao	6	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 28 December 2015 (DOE-EPIMB-SIS No. 2015-12-003) 	TBD	TBD
Indicative	Maris Main Canal2 HEP	SN Aboitiz Power Generation	Alfonso Lista, Ifugao	1.75	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Feasibility design completed Technical studies completed <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> NIA agreement for pre-development activities secured; LGU endorsement completed NCIP field based Investigation completed; awaiting release of CNO DENR permitting completed; draft ECC for power plant issued CNC for transmission line issued; NGCP studies completed Environmental and Social Studies completed Water right and right of way acquisition on-going 	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	100 MW Alimit	SN Aboitiz Power-Ifugao	Lagawe, Ifugao	100	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Completed Pre-FS <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> project capacity of 120 MW Preparing Business Plan Financing Arrangement in progress Application for NCIP FPIC CCA1 Concluded, CCA 2 commencement on 5/15/15 DENR permit under process; NGCP studies under process 	TBD	TBD
Indicative	240 MW Alimit	SN Aboitiz Power-Ifugao	Lagawe, Ifugao	240	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Completed Pre-FS <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> project capacity of 120 MW Preparing Business Plan Financing Arrangement in progress Application for NCIP FPIC CCA1 Concluded, CCA 2 commencement on 5/15/15 DENR permit under process; NGCP studies under process 	TBD	TBD
Indicative	Ollicon HEPP	SN Aboitiz Power-Ifugao	Lagawe, Ifugao	10	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Completed Pre-FS <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> project capacity of 120 MW Preparing Business Plan Financing Arrangement in progress Application for NCIP FPIC CCA1 Concluded, CCA 2 commencement on 5/15/15 DENR permit under process; NGCP studies under process 	TBD	TBD
Indicative	Cervantes-Mankayan-Bakun HEPP	Hedcor, Inc.	Benguet	27	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 8 January 2014 (DOE-EPIMB-SIS No. 2013-12-001) 	TBD	TBD
Indicative	Chico Hydroelectric Power Project	San Lorenzo Ruiz Piat & Water	Tabuk, Kalinga	150	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 6 October 2016 (DOE-EPIMB-SIS No. 2016-09-005) 	TBD	TBD
Indicative	Kibungan Pumped-Storage HEPP	COHECO Badeo Corporation	Kibungan, Benguet	500	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 9 January 2017 (DOE-EPIMB-SIS No. 2017-01-003) 	TBD	TBD
Indicative	Ilaguen 4 Hydropower Project	Isabela Power Corporation	Echague, Isabela	10	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 28 February 2017 (DOE-EPIMB-SIS No. 2017-02-008) 	TBD	TBD
Indicative	Wawa Pumped Storage 1 HEP	Olympia Violago Water and Power, Inc.	San Mateo, Antipolo, and Rodriguez, Rizal	500	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Completed by SMEC - Oct 2015 Comprehensive studies with >4km of vertical drilling confirm that 500MW is feasible. Reference design completed in 2016 <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Initial surveys complete, parcellary for 230kV connection ongoing. Resettlement Action Plan/Livelihood Restoration Plan (RAP-LRP) underway since Dec 2016. RAP-LRP process includes stakeholder engagement meetings and a household census & survey of project affected people (PAPs) <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Market study by Lantau Group ongoing. Discussions with potential off-taker ongoing. <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> BOI registration, ECC, PAMB Clearance (final copy awaited) and NWRB Conditional Water Permit complete. Awaiting issuance of NCIP Certification Precondition and SAPA MOA. Application for Special Land Use Permit (SLUP) in progress. <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Equity and debt financing negotiations ongoing <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> EPC tender process ongoing. 	TBD	TBD
Indicative	Wawa Pumped Storage 2 HEP	Olympia Violago Water and Power, Inc.	San Mateo, Antipolo, and Rodriguez, Rizal	100	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Reconnaissance and topographic surveys, hydrological and geotechnical inspections, and ocular investigations completed as of 2015; Comprehensive studies still on process <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Project area confirmed by DENR Region IV-A to fall within protected areas. Joint PAMB for upper marikina River Basin Protected Landscape (UMRBPL) and Pamitanan Protected Landscape (PPL) granted PAMB clearance for the conduct of feasibility/environmental studies and documentation in the Project area, issued as Resolution 2014-01 dated 28 November 2014. PAMB clearance for implementation of the Project and Special Use Agreement for Protected Areas (SAPA) being considered. <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Preliminary market survey on potential off-takers undertaken in 2015, including NGCP for provision of ancillary services. <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> LGU support for the Project has been secured in tandem with Wawa 500 MW HEP, including: San Mateo SB Resolution No. 2014-066 dated 10 June 2014 endorsing three Wawa HEPs; and joint Manifestation of support issued by Mayors of Antipolo, San Mateo and Rodriguez dated 8 February 2014. <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Under consideration 	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Wawa Pumped Storage 3 HEP	Olympia Violago Water and Power, Inc.	San Mateo, Antipolo, and Rodriguez, Rizal	50	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Reconnaissance and topographic surveys, hydrological and geotechnical inspections, and ocular investigations completed as of 2015; Comprehensive studies still on process <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Project area confirmed by DENR Region IV-A to fall within protected areas. Joint PAMB for upper marikina River Basin Protected Landscape (UMRBPL) and Pamitanin Protected Landscape (PPL) granted PAMB clearance for the conduct of feasibility/environmental studies and documentation in the Project area, issued as Resolution 2014-01 dated 28 November 2014. PAMB clearance for implementation of the Project and Special Use Agreement for Protected Areas (SAPA) being considered. <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Preliminary market survey on potential off-takers undertaken in 2015, including NGCP for provision of ancillary services. <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> LGU support for the Project has been secured in tandem with Wawa 500 MW HEP, including: San Mateo SB Resolution No. 2014-066 dated 10 June 2014 endorsing three Wawa HEPs; and joint Manifestation of support issued by Mayors of Antipolo, San Mateo and Rodriguez dated 8 February 2014. <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Under consideration 	TBD	TBD
Indicative	Nabuangan Run-of-River HEP	Strategic Power Development Corp	Apayao	10	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 25 May 2017 (DOE-EPIMB-SIS No. 2017-01-004) 	TBD	TBD
Indicative	Dingalan Pumped Storage HEP	Strategic Power Development Corp	Dingalan, Aurora	500	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 25 May 2017 (DOE-EPIMB-SIS No. 2017-01-004) 	TBD	TBD
Indicative	San Roque Lower East Pumped Storage	Strategic Power Development Corp	Pangasinan	400	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 25 May 2017 (DOE-EPIMB-SIS No. 2017-01-004) 	TBD	TBD
Indicative	Ilaguen HEPP	Isabela Power Corporation	San Mariano and San Guillermo, Isabela	19	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 17 November 2017 (DOE-EPIMB-SIS No. 2017-10-003) 	TBD	TBD
Indicative	Matuno 2 HEPP	Smith Bell Mini-Hydro Corporation	Bambang, Nueva Vizcaya	7.9	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 19 March 2018 (DOE-EPIMB-SIS No.2018-02-006) 	TBD	TBD
Indicative	Sablan 1 Hydroelectric Power Project	Hedcor, Inc.	Sablan, Benguet	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 6 June 2018 (DOE-EPIMB-SIS No.2018-05-005) 	TBD	TBD
Indicative	Sablan 2 Hydroelectric Power Project	Hedcor, Inc.	Sablan, Benguet	30	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 6 June 2018 (DOE-EPIMB-SIS No.2018-05-005) 	TBD	TBD
Indicative	Kibungan Hydroelectric Power Project	Hedcor, Inc.	Kibungan, Benguet	40	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 6 June 2018 (DOE-EPIMB-SIS No.2018-05-006) 	TBD	TBD
Indicative	Santol-Sugpon Hydroelectric Power Project	Hedcor, Inc.	Sugpon, Ilocos Sur / Kibungan Benguet	52	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 6 June 2018 (DOE-EPIMB-SIS No.2018-05-005) 	TBD	TBD
Indicative	Pasil B Hydroelectric Power Project	I-Magat Renewable Energy Corporation	Pasil, Kalinga	15.684	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 14 June 2018 (DOE-EPIMB-SIS No.2018-05-007) 	TBD	TBD
Indicative	Pasil C Hydroelectric Power Project	I-Magat Renewable Energy Corporation	Pasil, Kalinga	9.754	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 14 June 2018 (DOE-EPIMB-SIS No.2018-05-007) 	TBD	TBD
Indicative	Lamut Hydroelectric Power Project	Lamut - Asipulo Mini Hydro Corp.	Lamut/Asipulo, Ifugao	6	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 14 June 2018 (DOE-EPIMB-SIS No.2018-11-004) 	TBD	TBD
Indicative	Calanan Hydropower Project	Violago Gold Development Corp.	Tabuk, Kalinga	60	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 14 June 2018 (DOE-EPIMB-SIS No. 2018-11-007) 	TBD	TBD
Indicative	Dalimuno Hydropower Project	Violago Gold Development Corp.	Tabuk, Kalinga	58	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 9 January 2019 (DOE-EPIMB-SIS No. 2018-11-007) 	TBD	TBD
Indicative	Pampang Hydroelectric Power Plant	FDC Renewables Corporation	Sta. Fe Nueva Vizcaya & San Nicolas Pangasinan	26	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 22 January 2019 (DOE-EPIMB-SIS No. 2019-01-004) 	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Colasi Mini-Hydroelectric Power Plant Project	Colasi Mini Hydroelectric Powerplant Corp.	Mercedes, Camarines Norte	4	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 22 May 2019 (DOE-EPIMB RE-SIS No. 2019-02-001)	TBD	TBD
Indicative	ARIIS 2 Hydroelectric Power Project	C Squared Prime Commodities Corp.	San Manuel, Pangasinan	0.48	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 22 May 2019 (DOE-EPIMB RE-SIS No. 2019-04-001)	TBD	TBD
Indicative	ARIIS 3 Hydroelectric Power Project	C Squared Prime Commodities Corp.	San Manuel, Pangasinan	0.48	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 22 May 2019 (DOE-EPIMB RE-SIS No. 2019-04-001)	TBD	TBD
Indicative	Boga Hydroelectric Power Projects	Kadipo Bauko Hydropower Corporation	Bauko, Mountain Province	1	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 22 May 2019 (DOE-EPIMB RE-SIS No. 2019-05-001)	TBD	TBD
Indicative	Upper Chico Hydroelectric Power Projects	Kadipo Bauko Hydropower Corporation	Bauko, Mountain Province	2.1	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 22 May 2019 (DOE-EPIMB RE-SIS No. 2019-05-001)	TBD	TBD
Indicative	Kadipo Bauko Hydropower Corporation	Kadipo Bauko Hydropower Corporation	Bauko and Sadanga, Mountain Province	3.4	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 22 May 2019 (DOE-EPIMB RE-SIS No. 2019-05-001)	TBD	TBD
Indicative	Cupis Hydroelectric Power Project	Strategic Power Development Corp	Brgy. Nabuangan, Conner, Apayao	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 23 August 2019 (DOE-EPIMB RE-SIS No. 2019-08-003)	TBD	TBD
Indicative	Rizal Hydroelectric	Strategic Power Development Corp	Brgy. Rizal San Guillermo, Isabela	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 23 August 2019 (DOE-EPIMB RE-SIS No. 2019-08-003)	TBD	TBD
	BIOMASS			116			
Indicative	NREDC Biomass Power Plant Project	Natures Renewable Energy Development Corporation	Cagayan	24	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	June 2020	December 2020
Indicative	Santa Biomass Power Project	Satrap Power Corporation	Brgy. Nagpanaoan, Santa, Ilocos Sur	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 20 July 2016 (DOE-EPIMB-SIS No. 2016-07-005)	June 2020	December 2020
Indicative	Polillo Biomass Power Plant Project	Renesons Energy Polillo, Inc.	Quezon	1.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	November 2020	December 2020
Indicative	EcoMarket Solutions Coconut Waste-Fired Biomass Power Project	EcoMarket Solutions, Inc.	Aurora	2.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	November 2020	December 2020
Indicative	CJ Global Waste-to-Energy Power Project	CJ Global Green Energy Philippines Corp.	Camarines Sur	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	November 2020	December 2020
Indicative	Green Atom Pampanga Waste to Energy Project	Green Atom Renewable Energy Corp	Mabalacat City, Pampanga	6	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 February 2018 (DOE-EPIMB-SIS No.2018-01-003)	November 2020	December 2020
Indicative	Green Atom Pangasinan Waste to Energy Project	Green Atom Renewable Energy Corp	Laoac, Pangasinan	6	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 2 March 2018 (DOE-EPIMB-SIS No.2018-02-003)	November 2020	December 2020
Indicative	Green Atom Batangas Waste to Energy Project	Green Atom Renewable Energy Corp	Brgy. Aya, San Jose, Batangas	6	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 2 March 2018 (DOE-EPIMB-SIS No.2018-02-002)	November 2020	December 2020
Indicative	Bataan 2020 Multi-Feedstock Cogeneration Power Plant	Bataan 2020, Inc.	Mariveles, Bataan	25	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 20 June 2017 (DOE-EPIMB-SIS No. 2017-06-005)	TBD	TBD
Indicative	Biomass Power Plant Project	Cagayan Biomass Energy Corporation	Brgy. Raniag, Burgos, Isabela	15	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 October 2018 (DOE-EPIMB-RE SIS No. 2018-10-001)	TBD	TBD
	SOLAR			10284.45			
Indicative	Sta. Maria Solar Power Project	East Coast Fas Renewable Energy and Industrial Corporation	Sta. Maria, Isabela	30	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-04-001)	January 2020	February 2020
Indicative	Santa Solar Power Project	Satrap Power Corporation	Brgy. Nagpanaoan, Santa, Ilocos Sur	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 5 May 2016 (DOE-EPIMB-SIS No. 2016-04-011)	February 2020	March 2020
Indicative	Talugtug Solar PV Power Project	Greenenergy Solutions, Inc.	Talugtug, Nueva Ecija	125	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-06-006)	April 2020	May 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Greenery Capas Solar Power Project	Greenery Solutions, Inc.	Capas, Tarlac	50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-06-006) 	April 2020	May 2020
Indicative	Ilagan II Solar PV Power Project	Greenery Solutions, Inc.	Ilagan City, Isabela	100	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 21 April 2016 (DOE-EPIMB-SIS No. 2016-06-006) 	April 2020	May 2020
Indicative	Cabanatuan Solar Power Plant	Greentech Solar Energy Inc.	Cabanatuan, Nueva Ecija	6.25	<p>Feasibility Study: Completed</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 9 February 2017 (DOE-EPIMB-SIS No. 2017-01-006) COCOC awarded on 16th June 2017 -LGU Permits secured -Already secured required land <p>Commencement of Construction: November 2018</p>	April 2020	June 2020
Indicative	Clark Solar Power Project	Energence Renewable Energy Corporation	Northern Runway Approach of Clark International Airport, Clark Pampanga	35	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> In progress; Final draft SIS Approved by NGCP <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND</p> <ul style="list-style-type: none"> Copy of Lease Agreement with CIAC Submitted to DOE-REMB on 08 October 2018 Revised Location Plan Approved by CIAC on 06 March 2019 <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Final Offtake Terms Agreed In principle, pending Execution with Selected Retail Electricity Supplier <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> DAR, NCIP and CAAP Permits/clearances complete DENR-ECC Issued with Finality on 02 May 2019 <p>ESTIMATED NUMBER OF JOBS CREATED:</p> <ul style="list-style-type: none"> During Construction: 30 During Operation: 10 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Agreed in principle, pending final execution 	December 2020	December 2020
Indicative	Bongabon Solar Power Plant	Greentech Solar Energy Inc.	Bongabon, Nueva Ecija	18.75	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 9 February 2017 (DOE-EPIMB-SIS No. 2017-01-006) 	March 2022	April 2022
Indicative	Earthenergy Solar Power Plant	Earthenergy Corp.	Balayan, Batangas	30	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 20 September 2016 (DOE-EPIMB-SIS No. 2016-11-007) 	TBD	TBD
Indicative	Macabud Solar Photovoltaic Power Project	ATN Philippines Solar Energy Group, Inc.	Brgy. Macabud, Rodriguez, Rizal	30	<p>FEASIBILITY STUDY: Completed</p> <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> On-going negotiations PPA with MERALCO in the absence of REPA <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with Solar Energy Service Contract (SESC No. 2011-05-002) on 12 May 2011; <ul style="list-style-type: none"> Secured NGCP Review of Third Party SIS, <ul style="list-style-type: none"> ECC from DENR CNO from NCIP Provincial Resolution of Support Clearances from Land Registration Authority <ul style="list-style-type: none"> DAR Certification Acquired the DOE Certificate of Confirmation of Commerciality on 27 Jun 2013; <ul style="list-style-type: none"> Clearance to Undertake GIS from DOE issued on 17 October 2011 On-going negotiations or connection agreement, project financing and Right of Way <ul style="list-style-type: none"> For issuance of show-cause letter <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Proofs of negotiations/certifications with financial institutions for project financing <ul style="list-style-type: none"> Negotiations for financial closing is on-going Total project cost is US\$70.0 Million <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Construction Stage as of 30 September 2014 (Pre-Construction -80% completed, Construction-0% completed, Interconnection - 0% completed) 	TBD	TBD
Indicative	Cavite Solar Power Project	Enfinity Philippines Renewable Resources, Inc	Cavite Economic Zone, Rosario Cavite	3	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with Solar Energy Service Contract (SESC No. 2011-12-006) on 16 December 2011 Acquired the DOE Certificate of Confirmation of Commerciality on 23 March 2015 <ul style="list-style-type: none"> For issuance of show-cause letter <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> negotiations for financial closing <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going construction (see FIT Monitoring Board) Assignment / Transfer of SESC to its affiliate is on process. 	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	V-Mars Solar Power Project	V-Mars Solar Energy Corporation	San Jose/Lupao, Nueva Ecija	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 11 January 2016 • For issuance of show-cause letter	TBD	TBD
Indicative	SJC Solar Power Project	SJC Solar Power Corporation	San Jose City, Nueva Ecija	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 3 February 2016 (DOE-EPIMB-SIS No. 2016-02-003)	TBD	TBD
Indicative	RGEC Solar Power Project	Roxas Green Energy Corporation	Nasugbu and Tuy, Province of Batangas	30	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 10 February 2016 (DOE-EPIMB-SIS No. 2016-02-006)	TBD	TBD
Indicative	Calabanga Solar Power Project	Calabanga Renewable Energy Inc.	Calabanga, Camarines Sur	50	• Issued with SESC on 23 December 2015 (SESC No. 2015-10-266) PERMITS AND OTHER REGULATORY REQUIREMENTS: No. 2016-03-001	• Issued with GIS on 11 March 2016 (DOE-EPIMB-SIS)	TBD
Indicative	FPI Solar PV Power Project	Firmgreen Phils. Inc.	Tarlac City, Tarlac	50	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-04-005)	TBD	TBD
Indicative	Nueva Ecija Solar Power Project	Firmgreen Phils. Inc.	Pantabangan, Nueva Ecija	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-04-005)	TBD	TBD
Indicative	Sta. Maria Solar PV Power Project	Greenergy Solutions, Inc.	Sta. Maria, Isabela	125	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 5 May 2016 (DOE-EPIMB-SIS No. 2016-06-006)	TBD	TBD
Indicative	Solana Solar Photovoltaic (PV) Plant Phase I	Solana Solar Alpha, Inc.	Hermosa, Bataan	24	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 20 September 2016 (DOE-EPIMB-SIS No. 2016-09-001)	TBD	TBD
Indicative	Solana Solar Photovoltaic (PV) Plant Phase II	Solana Solar Alpha, Inc.	Hermosa, Bataan	14	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 20 September 2016 (DOE-EPIMB-SIS No. 2016-09-001)	TBD	TBD
Indicative	Cordon Solar PV Power Project	Greenergy Solutions, Inc.	Cordon, Isabela	50	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 4 April 2016 (DOE-EPIMB-SIS No. 2016-04-004)	TBD	TBD
Indicative	Sta. Rita Solar Power Project - Phase II	Jobin-Sqm Inc. (JOBIN)	Mt. Sta. Rita, Morong and Hermosa, Bataan	67.86	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Awarded with RE Service Contract (SESC No. 2013-10-039) on 20 Nov 2013 • Certificate of Commerciality No. SCC- 2015-09-021-A2 dated 11 March 2016 • 25MWp out of the 92.86 MWp target capacity was commissioned as of September 2017	TBD	TBD
Indicative	Botolan Solar Power Project	Solar Power Utilities Generator Corporation	Brgy. San Juan, Botolan, Zambales	39.27	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Awarded with RE Service Contract (SESC No. 2015-05-227) on 21 May 2015 • Certificate of Commerciality No. SCC- 2016-02-043 dated 07 March 2016 • For issuance of show-cause letter	TBD	TBD
Indicative	Magsingal Solar Power Plant	Neoenergy Corporation	Magsingal, Ilocos Sur	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 20 January 2017 (DOE-EPIMB-SIS No. 2016-01-005)	TBD	TBD
Indicative	Calamba and Tanauan Solar Power Project	Solar Philippines Tanauan Corporation	Tanauan, Batangas	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with COE on 20 March 2017 (COE No. 2017-02-004)	TBD	TBD
Indicative	Capas Solar PV Power Project	Sindicatum C-Solar Power Inc.	Capas, Tarlac	22	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 08 March 2017 (DOE-EPIMB-SIS No. 2017-03-003)	TBD	TBD
Indicative	San Manuel 1 Solar Power Project	Pilipinas Newton Energy Corp.	San Manuel, Pangasinan	70	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 23 March 2017 (DOE-EPIMB-SIS No. 2017-03-007)	TBD	TBD
Indicative	San Manuel 2 Solar Power Project	Pilipinas Einstein Energy Corp.	San Manuel, Pangasinan	70	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 23 March 2017 (DOE-EPIMB-SIS No. 2017-03-008)	TBD	TBD
Indicative	Horus Solar Power Plant Project	Horus Solar Energy Corporation	Morong, Bataan	45	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2017 (DOE-EPIMB-SIS No. 2017-06-003)	TBD	TBD
Indicative	Tanauan Batangas Solar I Power Project	Solar Philippines Tanauan Corporation	Tanauan, Batangas	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2017 (DOE-EPIMB-SIS No. 2017-06-004)	TBD	TBD
Indicative	Bugallon Solar Power Plant	Phinma Energy Corporation	Brgy. Salomague North, Bugallon, Pangasinan	45	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 26 July 2017 (DOE-EPIMB-SIS No. 2017-07-005)	TBD	TBD
Indicative	Laguna Lake Bangyas Solar Power Plant	Nuevo Solar Energy Corporation	Calacan and Victoria, Laguna	25	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 5 September 2017 (DOE-EPIMB-SIS No. 2017-08-004)	TBD	TBD
Indicative	Lumban Solar Power Plant	Nuevo Solar Energy Corporation	Lumban, Laguna	37	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 5 September 2017 (DOE-EPIMB-SIS No. 2017-08-004)	TBD	TBD

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)
INDICATIVE
As of 31 October 2019

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	San Miguel Solar Power Plant	Powersource First Bulacan Solar Inc.	San Miguel, Bulacan	50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 19 September 2017 (DOE-EPIMB-SIS No. 2017-09-002) 	TBD	TBD
Indicative	Bawi Solar Power Plant	Phinma Energy Corporation	Lipa City & Padre Garcia, Batangas	45	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 30 October 2017 (DOE-EPIMB-SIS No. 2017-10-006) 	TBD	TBD
Indicative	Iba Palauig 1 Solar Power Project	Solar Philippines Commercial Rooftop Projects, Inc.	Iba, Zambales	1200	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 2 November 2017 (DOE-EPIMB-SIS No. 2017-10-005); SIS amendment increase in capacity (DOE-EPIMB-RE-SIS 2018-07-006) 	TBD	TBD
Indicative	Iba Palauig 2 Solar Power Project	Solar Philippines Commercial Rooftop Projects, Inc.	Iba, Zambales	1200	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 2 November 2017 (DOE-EPIMB-SIS No. 2017-10-005); amendment in SIS increase in capacity (DOE-EPIMB-RE-SIS 2018-07-008) 	TBD	TBD
Indicative	Balayan Solar Power Project	Solar Philippines Commercial Rooftop Projects, Inc.	Balayan & Calaca, Batangas	600	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 6 December 2017 (DOE-EPIMB-SIS No. 2017-12-002); SIS amendment increase in capacity (DOE-EPIMB-SIS-No. 2018-07-005) 	TBD	TBD
Indicative	Sta. Rosa Nueva Ecija 2 Solar	Solar Philippines Commercial Rooftop Projects, Inc.	Sta. Rosa, Peñaranda, San Leonardo, Nueva Ecija	1200	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 19 December 2017 (DOE-EPIMB-SIS No. 2017-12-006); SIS amendment increase in capacity (DOE-EPIMB-RE-SIS 2018-07-009) 	TBD	TBD
Indicative	Concepcion Tarlac 2 Solar	Solar Philippines Commercial Rooftop Projects, Inc.	Concepcion City, Tarlac	200	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 19 December 2017 (DOE-EPIMB-SIS No. 2017-12-005) 	TBD	TBD
Indicative	Laguna Lake-Balibago SPP	Barracuda Energy Corporation	Laguna de Bay and Santa Rosa, Laguna	126	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 30 April 2018 (DOE-EPIMB-SIS No. 2018-04-002) 	TBD	TBD
Indicative	Laguna Lake-Bay SPP	Barracuda Energy Corporation	Bay-Calauan and Victoria, Laguna and Laguna de Bay	126	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 30 April 2018 (DOE-EPIMB-SIS No. 2018-04-007) 	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Laguna Lake-Cabuyao SPP	Barracuda Energy Corporation	Cabuyao, Sta. Rosa and Calamba Laguna and Laguna de Bay	100.8	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 30 April 2018 (DOE-EPIMB-SIS No. 2018-04-001)	TBD	TBD
Indicative	Laguna Lake-Calamba SPP	Barracuda Energy Corporation	Calamba City, Laguna and Laguna de Bay	100.8	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 30 April 2018 (DOE-EPIMB-SIS No. 2018-04-006)	TBD	TBD
Indicative	Laguna Lake-Los Baños SPP	Barracuda Energy Corporation	Los Baños, Laguna	100.8	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 30 April 2018 (DOE-EPIMB-SIS No. 2018-04-005)	TBD	TBD
Indicative	Laguna Lake-Lumban SPP	Barracuda Energy Corporation	Cabuyao, Laguna	65.52	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 30 April 2018 (DOE-EPIMB-SIS No. 2018-04-003)	TBD	TBD
Indicative	Laguna Lake-UPLB SPP	Barracuda Energy Corporation	UPLB, Los Baños, Laguna	30	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 30 April 2018 (DOE-EPIMB-SIS No. 2018-04-004)	TBD	TBD
Indicative	Gamu Solar Power Project	Pilipinas Faraday Energy Corp.	Gamu, Isabela	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 15 May 2018 (DOE-EPIMB-SIS No. 2018-05-001)	TBD	TBD
Indicative	San Rafael Solar Power Project	Solar Philippines Commercial Rooftop Projects Inc.	San Rafael, Bulacan	421.2	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 17 May 2018 (DOE-EPIMB-SIS No. 2017-11-002)	TBD	TBD
Indicative	San Ildefonso Solar Power Project	Solar Philippines Commercial Rooftop Projects Inc.	San Ildefonso, Bulacan	421.2	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 17 May 2018 (DOE-EPIMB-SIS No. 2017-11-002)	TBD	TBD
Indicative	Tarlac Solar Power Project	Solar Philippines Commercial Rooftop Projects Inc.	Tarlac City, Tarlac	150	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 17 May 2018 (DOE-EPIMB-SIS No. 2017-11-002); SIS amendment in capacity (DOE-EPIMB-RE-SIS 2018-07-004)	TBD	TBD
Indicative	San Jose Del Monte SPP	MANRESA Power Corporation	San Jose Del Monte, Bulacan	80	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 9 July 2018 (DOE-EPIMB-SIS No. 2018-07-001)	TBD	TBD
Indicative	Maragondon-Naic-Tanza 2 Solar Power Project	Solar Philippines Commercial Rooftop Projects Inc.	Maragondon-Naic-Tanza, Cavite	600	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 7 August 2018 (DOE-EPIMB-SIS No. 2018-08-007)	TBD	TBD
Indicative	Sunray Tarlac Solar Power Project	Sunray Power Inc.	Capas and Bamban, Tarlac	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 7 August 2018 (DOE-EPIMB-SIS No. 2018-05-003)	TBD	TBD
Indicative	Currimao Solar Power Project	Island Wind Energy Corp.	Currimao, Ilocos Sur	30	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 15 October 2018 (DOE-EPIMB-RE SIS No. 2018-10-005)	TBD	TBD
Indicative	Sulvec Solar Power Plant	Neoenergy Corporation	Narvacan, Ilocos Sur	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 15 October 2018 (DOE-EPIMB-RE SIS No. 2018-10-003)	TBD	TBD
Indicative	San Miguel Solar Power Plant	Neoenergy Corporation	San Miguel, Bulacan	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 15 October 2018 (DOE-EPIMB-RE SIS No. 2018-10-002)	TBD	TBD
Indicative	Alabel Solar Power Plant	Total Power Incorporated	Alabel, Sarangani Province	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 18 October 2018 (DOE-EPIMB-RE SIS No. 2018-10-004)	TBD	TBD
Indicative	San Pablo Solar Power Project	Solar Valley Energy Solutions, Inc.	Isabela	130	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 16 January 2019 (DOE-EPIMB-SIS No. 2019-01-005)	TBD	TBD
Indicative	Laguna Bay 2 Solar Power Project	Pangasinan UPC Asia Corporation	Pilillia, Rizal	300	FEASIBILITY STUDY: • ON PROCESS ARRANGEMENT FOR SECURING THE REQUIRED LAND: • ILLDA Guidelines on the issuance of possessory rights to energy developers is still pending and UPC is currently waiting for its release. • IUPC already secured the resolution of support from the barangays within the Contract Area. MARKETING OF GENERATING CAPACITIES: • WESM OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 22 February 2019 (DOE-EPIMB-SIS No. 2019-02-005) ESTIMATED NUMBER OF JOBS GENERATED: • to be determined GROUNDBREAKING SCHEDULES: • July 2020 (*start of construction)	TBD	TBD
Indicative	Cabatang Tiaong Solar Power Project	Solar Philippines Commercial Rooftop Projects, Inc.	Tiaong, Quezon	600	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 2 July 2019 (DOE-EPIMB-RE-SIS NO. 2019-06-003)	TBD	TBD
Indicative	Santa Rosa Nueva Ecija 1 Solar Power Plant	Solar Philippines Commercial Rooftop Projects, Inc.	Santa Rosa and Peñaranda, Nueva Ecija	300	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 14 August 2019 (DOE-EPIMB-RE-SIS NO. 2019-08-001)	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	San Ildefonso Solar Power Project	Team Energy (Phils) Corp.	San Ildefonso, Bulacan	55	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 14 October 2019 (DOE-EPIMB-RE-SIS No. 2019-10-001) 	TBD	TBD
	WIND			2038.4			
Indicative	Pagudpud Wind Power Project	EDC Pagudpud Wind Power Corporation	Brgy. Balaoi and Caunayan, Pagudpud, Ilocos Norte	84	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Completed feasibility study <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with Wind Energy Service Contract (WESC No. 2010-02-040) on 19 Feb 2010 Conducted detailed wind resource assessment Acquired various LGU permits and resolutions of support, DENR Environmental Compliance Certificate; Acquired DOE Certificate of Confirmation of Commerciality on 13 June 2014 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going construction Construction Stage as of 30 September 2014 (Pre-Construction - 20% completed, Construction-0%, Interconnection-0%) <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Construction shall commence upon completion of Burgos Project 	November 2019	December 2019
Indicative	Burgos 2 Wind Power Project	Energy Development Corporation Pagali Burgos Wind Power Corporation	Burgos, Ilocos Norte	183	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-03-003) 	November 2019	December 2019
Indicative	Sembrano Wind Power Project (Formerly: Phase 2: Mabitac Wind Power Project)	Alternergy Sembrano Wind Corporation	Mt. Sembrano, Mabitac, Laguna	80.4	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Acquired DOE Certificate of Confirmation of Commerciality on 13 February 2014 Amended the Contract Area and assigned partially to Alternergy Sembrano Wind Corporation ASWC-WESC No. 2009-09-018-AP2 on 27 February 2014 Under the same contract area of WESC No. 2009-09-018; <ul style="list-style-type: none"> On-going wind resource assessment Acquired various LGU permits and resolutions of support; Interconnection Agreement with MERALCO last 1 March 2012; Project Finance Term Sheet with Bank last 27 July 2012; Negotiation for financial closing is on-going; Final review of GIS by NGCP last 31 July 2012; <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> AWOC to finance the implementation of the project with 100% equity Negotiations for financial closing is on-going Project cost is Php7.056B <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> EPC and O&M Contract with consortium of Nordex SE and McConnell Donnell last 11 July 2012 On-going construction Construction Stage as of 30 September 2014 (Pre-Construction - 22% completed, Construction-0%, Interconnection-0%); On-going completion of Pre-construction activities including financial closing Work Plan 	December 2019	December 2019
Indicative	Matnog 1 Wind Power Project	Energy Development Corporation	Matnog, Sorsogon	153	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-03-003) 	July 2020	August 2020
Indicative	Matnog 2 Wind Power Project	Energy Development Corporation	Matnog, Sorsogon	206	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-03-003) 	July 2020	August 2020
Indicative	Matnog 3 Wind Power Project	Energy Development Corporation	Matnog, Sorsogon	206	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-03-003) 	July 2020	August 2020
Indicative	Phase 1: Pasuquin East Wind Power Project	Energy Logics Philippines, Inc.	Pasuquin, Ilocos Norte	48	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with Wind Energy Service Contract (WESC No. 2009-09-001) on 14 Sept 2009 Acquired Forest Land-Use Agreement with DENR <ul style="list-style-type: none"> On-going wind resource assessment Acquired various LGU permits and resolutions of support <ul style="list-style-type: none"> ECC secured 15 Jun 2010 GIS secured Dec 2010 On-going negotiation with the Dept. of National Defense for the clearance to construct wind farm within the vicinity of Pasuquin Radar Station <ul style="list-style-type: none"> Equity Investors commitment secured Selected Preferred EPC Turn-key Tenderer for both the wind energy farm and the connection assets Submitted the Declaration of Commerciality (DOC) with incomplete documentary requirements <ul style="list-style-type: none"> The DOE is waiting for the final Work Plan of the project for further evaluation On-going negotiations for project financing and acquisition of TL-ROW as per Work plan Acquired DOE Certificate of Confirmation of Commerciality on 02 December 2013 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Project cost is Php6.048B <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going construction Construction Stage as of 30 September 2014 (Pre-Construction - 39% completed, Construction-0%, Interconnection-0%) On-going negotiation for project financing and acquisition of TL-ROW as per Work Plan 	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Balaui Wind Power Project	Northern Luzon UPC Asia Corporation	Brgy. Balaui, Pagudpud, Ilocos Norte	45	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Completed detailed feasibility study <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Land Rights Acquisition for WTG or PV, Access Road, and TL: 12% completed as of December 2014 (all land rights secured through Flags and private agreements; TL ROW permitting on going) <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with Wind Energy Service Contract (WESC No. 2010-02-038) on 1 Feb 2010 Conducted detailed wind resource assessment Acquired various LGU permits and resolutions of support NCIP Certificate of Non-Overlap on 15 Jan 2007 Forest Land use Agreement with DENR on 20 May 2009 DENR Environmental Compliance Certificate on 23 Jul 2009, DPWH Road Right-of-Way for T/L construction CAAP Height Clearance permit Final Report of SIS and Connection Agreement with NGCP secured on 4 Jan 2011 BOI Registered on 23 Jun 2011 Acquired DOE Certificate of Confirmation of Commerciality on 02 December 2013 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Submitted proofs of negotiations/certifications from banks for project financing Financial Closing - 10% completed as of December 2014 (Project substantially permitted but funders will require clarity on Feed-in-Tariff installation targets before committing funding) <ul style="list-style-type: none"> Total project cost is US\$139.5Million Financial Closing - 20% as of Feb report <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going construction - 17.33% as of 30 March 2015 Construction Stage as of March 2015(Pre-Construction - 52% completed, Construction of Wind Farm-0%, Interconnection Facilities - 0%); Construction shall commence upon completion of Caparispisan Project Development works shall commenced upon completion of Caparispisan Project EPC, O&M, Owner's Engineer Contract/Agreement: 30% completed as of December 2014 (detailed Design Complete, Environmental Studies Complete); <ul style="list-style-type: none"> NGCP is conducting SIS prior to signing of Connection Agreement 	TBD	TBD
Indicative	Talisay Wind Power Project	Currimao Solar Energy Corp.	Camarines Norte	50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 3 March 2017 (DOE-EPIMB-SIS No. 2017-01-005) 	TBD	TBD
Indicative	Talim Wind Power Project	Currimao Solar Energy Corp.	Rizal	140	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 3 March 2017 (DOE-EPIMB-SIS No. 2017-01-005) 	TBD	TBD
Indicative	Calatagan Wind Power Project	Currimao Solar Energy Corp.	Batangas	80	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 3 March 2017 (DOE-EPIMB-SIS No. 2017-01-005) 	TBD	TBD
Indicative	Tanay Wind Power Project	Alternergy Tanay Wind Corporation (Alternergy Abra de Ilog Wind Corporation)	Antipolo and Tanay, Rizal	100	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Ongoing wind data gathering. <p>ARRANGEMENT FOR SECURING REQUIRED LAND:</p> <ul style="list-style-type: none"> Ongoing discussion with provincial Government of Rizal. 	TBD	TBD
Indicative	Rizal Wind Power Project	Rizal Wind Energy Corporation	Antipolo and Tanay, Rizal	603	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 22 February 2019 (DOE-EPIMB-SIS No. 2019-02-004) 	TBD	TBD
Indicative	Siruma Wind Power Project	CAMSUR II Wind Energy Corporation	Siruma, Camarines Sur	60	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 11 March 2019 (DOE-EPIMB-RE-SIS No. 2019-02-003) 	TBD	TBD

Total Indicative Rated Capacity 35,804.5

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	BESS			1110			
Indicative	Mexico Battery Energy Project	ISOC Energy, Inc.	Mexico, Pampanga	40	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 27 April 2018 (DOE-EPIMB-SIS No. 2018-05-004) 	TBD	TBD
Indicative	Angat Battery Energy Project	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Angat, Bulacan	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001) 	TBD	TBD
Indicative	Isabela Battery Energy Project	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Isabela	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001) 	TBD	TBD
Indicative	Laoag Battery Energy Project	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Laoag, Ilocos Norte	40	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001) 	TBD	TBD
Indicative	Albay Battery Energy Project	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Daraga, Albay	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-005) 	TBD	TBD
Indicative	Limay Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Limay, Bataan	40	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001) 	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Pampanga Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Mexico, Pampanga	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)	TBD	TBD
Indicative	San Manuel / San Roque Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	San Roque / San Manuel	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)	TBD	TBD
Indicative	SN Aboitiz Battery Energy Storage System	SN Aboitiz Power Magat, Inc.	Isabela	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 14 January 2019 (DOE-EPIMB-SIS No. 2019-01-001)	TBD	TBD
Indicative	Concepcion Battery Energy Storage System	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Concepcion, Tarlac	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2019 (DOE-EPIMB-SIS NO. 2019-06-006)	TBD	TBD
Indicative	Lumban Battery Energy Storage System	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Lumban, Laguna	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2019 (DOE-EPIMB-SIS NO. 2019-06-006)	TBD	TBD
Indicative	Masinloc Battery Energy Storage System	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Masinloc, Zambales	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2019 (DOE-EPIMB-SIS NO. 2019-06-006)	TBD	TBD
Indicative	Zambales Battery Energy Storage System	SMCGP Phils. Energy Storage Co. Ltd.	Zambales	30	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 14 January 2019 (DOE-EPIMB-SIS No. 2019-01-001)	TBD	TBD
Indicative	Bais Battery Energy Storage	Monte Solar Energy, Inc.	Negros Oriental	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 14 February 2019 (DOE-EPIMB-SIS No. 2019-01-003)	TBD	TBD
Indicative	ISOC San Manuel Energy Storage, Inc.	ISOC Energy, Inc.	San Manuel, Pangasinan	40	FEASIBILITY STUDY: •On-going ARRANGEMENT FOR SECURING THE REQUIRED LAND: •COMPLETE MARKETING GENERATING CAPACITIES: •Pending PERMITS AND REGULATORY REQUIREMENTS: •On-going GROUNDBREAKING SCHEDULES: •TBD FINANCING ARRANGEMENTS: •On-going advanced stage	TBD	TBD
Indicative	ISOC Iridium Energy Storage, Inc.	ISOC Energy, Inc.	Lumban, Laguna	40	FEASIBILITY STUDY: •On-going ARRANGEMENT FOR SECURING THE REQUIRED LAND: •COMPLETE MARKETING GENERATING CAPACITIES: •On-going	TBD	TBD
Indicative	ISOC Paladium Energy Storage, Inc.	ISOC Energy, Inc.	Concepcion, Tarlac	40	FEASIBILITY STUDY: •On-going ARRANGEMENT FOR SECURING THE REQUIRED LAND: •On-going	TBD	TBD
Indicative	ISOC Cadmium Energy Storage, Inc.	ISOC Energy, Inc.	Mexico, Pampanga	40	FEASIBILITY STUDY: •On-going ARRANGEMENT FOR SECURING THE REQUIRED LAND: •On-going MARKETING GENERATING CAPACITIES: •Pending PERMITS AND REGULATORY REQUIREMENTS: •On-going GROUNDBREAKING SCHEDULES: •TBD FINANCING ARRANGEMENTS: •Pending	TBD	TBD
Indicative	Bauang BESS Project	ISOC Energy, Inc.	Bauang, La Union	40	FEASIBILITY STUDY: •On-going ARRANGEMENT FOR SECURING THE REQUIRED LAND: •On-going MARKETING GENERATING CAPACITIES: •Pending PERMITS AND REGULATORY REQUIREMENTS: •On-going GROUNDBREAKING SCHEDULES: •TBD	TBD	TBD
Indicative	Hermosa BESS Project	ISOC Energy, Inc.	Hermosa, Bataan	40	FEASIBILITY STUDY: •On-going ARRANGEMENT FOR SECURING THE REQUIRED LAND: •On-going MARKETING GENERATING CAPACITIES:	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Labrador BESS Project	ISOC Energy, Inc.	Labrador, Pangasinan	40	<p>FEASIBILITY STUDY: • On-going</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: • On-going</p>	TBD	TBD
Indicative	San Manuel BESS Project	ISOC Energy, Inc.	San Manuel, Pangasinan	40	<p>MARKETING GENERATING CAPACITIES: FEASIBILITY STUDY: • On-going</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: • COMPLETE</p> <p>MARKETING GENERATING CAPACITIES: • Pending</p>	TBD	TBD
Indicative	Cabanatuan BESS Project	ISOC Energy, Inc.	Cabanatuan, Nueva Ecija	40	<p>FEASIBILITY STUDY: • On-going</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: • On-going</p>	TBD	TBD
Indicative	Bayombong BESS Project	ISOC Energy, Inc.	Bayombong, nueva Vizcaya	40	<p>FEASIBILITY STUDY: • On-going</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: • On-going</p>	TBD	TBD
Indicative	Mindoro Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Mindoro	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)</p>	TBD	TBD
Indicative	Navotas Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Navotas City, Metro Manila	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-002)</p>	TBD	TBD
Indicative	Gamu Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Gamu, Isabela	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-002)</p>	TBD	TBD
Indicative	San Rafael Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	San Rafael, Bulacan	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-002)</p>	TBD	TBD
Indicative	Magapit Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Magapit, Cagayan	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-002)</p>	TBD	TBD
Indicative	Maco Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Maco, Compostela Valley	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-002)</p>	TBD	TBD
Indicative	Masinloc Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Masinloc, Zambales	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-002)</p>	TBD	TBD
Indicative	Nagsaag Battery Energy Storage	Global Business Power Corporation	Nagsaag, Pangasinan	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2019 (DOE-EPIMB-SIS NO. 2019-06-006)</p>	TBD	TBD
Indicative	Lumban Battery Energy Storage	Global Business Power Corporation	Lumban, Laguna	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2019 (DOE-EPIMB-SIS NO. 2019-06-006)</p>	TBD	TBD
Indicative	Laoag Battery Energy Storage	Global Business Power Corporation	Laoag, Ilocos Norte	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2019 (DOE-EPIMB-SIS NO. 2019-06-006)</p>	TBD	TBD
Indicative	Concepcion Battery Energy Storage	Global Business Power Corporation	Concepcion, Tarlac	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2019 (DOE-EPIMB-SIS NO. 2019-06-006)</p>	TBD	TBD
Indicative	Labrador Battery Energy Storage	Global Business Power Corporation	Labrador, Pangasinan	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2019 (DOE-EPIMB-SIS NO. 2019-06-006)</p>	TBD	TBD
Indicative	Piliilla Energy Storage Project	Horus Solar Energy Corp.	Piliilla, Rizal	50	<p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: • Land will be within the existing Piliilla Wind Power Plant</p>	TBD	TBD
Indicative	Currimao Energy Storage Project	Horus Solar Energy Corp.	Currimao, Ilocos Norte	50	<p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: • land will be within the existing Ilocos Norte Solar Power Plant</p>	TBD	TBD

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
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SUMMARY - INDICATIVE PROJECTS (LUZON)

	MW	% Share
COAL	8,935.0	25.0%
OIL-BASED	2,016.0	5.6%
NATURAL GAS	8,620.0	24.1%
RENEWABLE ENERGY	16,233.4	45.3%
<i>GEOHERMAL</i>	310.0	0.9%
<i>HYDROPOWER</i>	3,484.6	9.7%
<i>BIOMASS</i>	116.0	0.3%
<i>SOLAR</i>	10,284.5	28.7%
<i>WIND</i>	2,038.4	5.7%
TOTAL	35,804.5	
*BESS	1,110.0	