

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)
INDICATIVE
As of 30 Jun 2016

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			5600			
Indicative	Limay Power Plant Project Phase III	SMC Consolidated Power Corporation	Brgy. Lamao, Limay, Bataan	600	<p>FEASIBILITY STUDY: Completed</p> <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> On-going electric power supply contract negotiation with prospective off-takers (DUs) <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Final review and drafting of ECC was done last 16 August 2013 and expected to receive by end of August 2013 Submitted System Impact Study last 12 July 2013, review of the report is still on-going Requirements for BOI will be submitted once ECC is release; Expected submission on 1st week of September 2013 Agreement for the use of the land was entered between SMC Consolidated Power Corp and leasehold rights holder On-going securing of other permits and other regulatory requirements; SEC issued last 19 August 2011 Land acquisition completed Site Development Target: 1) Handover of site for Unit 1 & 2 is December 2015 Transmission Target: New extra high voltage TL and SS should be ready by November 2016 <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> 3rd Week of September 2013 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> On-going negotiations for financing arrangements - securing project financing 70:30 Debt-equity ratio Project cost is Under Planning and Budget Review <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Completed and issued construction and supply contracts on EPC's inside batter limit (main equipment) Other main contracts for review and awarding (site development / land preparation, transmission connection, pier and jetty structure, fuel handling facilities and other ancillaries, ash pond construction and water supply) Target commencement of construction- Site development/Land preparation: 2 September 2013 (upon release of ECC) Start of Piling and Construction: 15 October 2013; 	Unit I - October 2016 Unit II - March 2017	Unit I - December 2016 Unit II - May 2017 (Target Testing & Commissioning)
Indicative	Lucidum Coal 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 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 LGU permits, among others Approval for the grid impact study has been obtained from the DOE to be submitted to NGCP 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 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 Additional due diligence requirements are being complied for by Lucidum to for the above mentioned new additional parties Cost is US\$ 600,000,000.00 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Construction Contracts for Plants and Equipment are on hold pending the completion of detailed Engineering Studies Decided upon the board as per advices by Stanley Consultants, that the incoming EPC contractor shall bear the expenses to allocate land of double size to reassemble the incoming coal turbine <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Commencement of Construction will be based upon completion of the Feasibility Study and the Assessments of the financing companies involved 	June 2017 (will be available upon completion of feasibility study and the assessments of the financing companies involved);	June 2017 (Target Testing & Commissioning)(will be available upon completion of the assessments of the financing companies involved)

Indicative	Limay Power Plant Project Phase II	SMC Consolidated Power Corporation	Brgy. Lamao, Limay, Bataan	300	<p>FEASIBILITY STUDY: Completed</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Acquisition Completed <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> On-going electric power supply contract negotiation with prospective off-takers (DUs) <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Final review and drafting of ECC was done last 16 August 2013 and expected to receive by end of August 2013; Submitted System Impact Study last 12 July 2013, review of the report is still on-going; Requirements for BOI will be submitted once ECC is release; Expected submission on 1st week of September 2013; Agreement for the use of the land was entered between SMC Consolidated Power Corp and leasehold rights holder On-going securing of other permits and other regulatory requirements SEC issued last 19 August 2011; Site Development Target: <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> 3rd Week of September 2013 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Securing project financing 70:30 Debt-equity ratio Project cost is Under Planning and Budget Review <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Awarded EPC to Formosa Heavy Industries (FHI) Issued NTP on 1 August 2014 Completed and issued construction and supply contracts on EPC's inside batter limit (main equipment) Other main contracts for review and awarding (site development/land preparation, transmission connection, pier and jetty structure, fuel handling facilities and other ancillaries, ash pond construction and water supply) Handover of site for Unit 1 is 31 Oct. 2014; Handover of Site for Unit 2 is 28 February 2015; Target Date for Coal Yard for Phase 2 is 31 August 2015; Transmission Target: New extra high voltage TL and SS should be ready by November 2016; <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Target commencement of construction- Site development/Land preparation: 2 September 2013 (upon release of ECC) Start of Piling and Construction: 15 October 2013 	Unit 1 - February 2017 Unit II - 2017	Unit 1 - July 2017 Unit II - 2017 (Target Testing & Commissioning)
Indicative	SRPGC 2x350MW Coal-Fired Power Plant Project	St. Raphael Power Generation Corporation	Brgy. San Rafael, Calaca, Batangas	700	<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> <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Project cost is Php58.3B <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Target project construction: within 2017 	July 2019	December 2019
Indicative	JGS Coal Fired Thermal Power Plant	JG Summit Holdings, Inc.	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"> Conduct of EIA Study and Preparation of EIS - November 2013 to February 2014 Draft EIS Submission and Preliminary Review - Middle of 2014 Public Hearing - 1 month after submission of EIS EMB Review - 55 days; ECC Decision - Target before end of 2014 Awaiting ECC Decision - In its latest ruling SC upheld the CA decision to deny "for insufficiency of evidence," the request to issue a writ of kalikasan. The CA still invalidated the ECCs and the LDA. The respondents eventually filed a motion for reconsideration, which had just been denied with CA's latest ruling Secured Clearance from DOE for the conduct of GIS on 21 February 2014; Secured Endorsement from DOE for Certificate of CNO from NCIP on 14 July 2014 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> On-going negotiations for the financing arrangements and other permits 	Unit 1 - June 2018 Unit 2 - Dec 2018 Unit 3 - June 2019 Unit 4 - Dec 2019 (Target Testing & Commissioning Date)	Unit 1 - June 2018 Unit 2 - Dec 2018 Unit 3 - June 2019 Unit 4 - Dec 2019

					<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • Pre-Construction Phase (8 months) • Construction of EIA study and permitting • Design and Engineering • Commissioning of EPC Contractor (Phase 1 and Phase2) • Construction Phase (12 months) Civil Works and plant equipment installation • 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 • On-going securing of regulatory requirements 		
Indicative	RPEI Coal-Fired Power Plant	Redondo Peninsula Energy, Inc.	Sitio Naglatore, Cawag, Subic Bay Freeport Zone	600	<p>FEASIBILITY STUDY: Completed</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> • Project Site is leased from the Subic Bay Metropolitan Authority <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> • Started discussions with the Manila Electric Company for sale of power • 52% owned by Meralco PowerGen Corp. (MPGC) • Target signing RP Energy and MERALCO PSA June 2015 • Filing of application for PSA with ERC June 2015 <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Amended ECC (3rd Amendment) secured last 15 November 2012 • The Connection Agreement has been executed last October 24, 2014. • Execution after completion of NGCP's review of the revised System Impact Study and Facilities Study prepared by RPE • NGCP's application to ERC for approval of Transmission Asset has been completed and is currently awaiting decision. • RPE's application to the ERC for the Connection Asset has been deemed sufficient in form and substance • Revised System Impact GIS review by NGCP completed 10 May 2012 • Any further development dependent on Supreme Court decision on Writ of Kalikasan case; • Public consultations conducted in Subic on 29 June 2012 • Site Preparation completed in 2013; • Target Commencement of Construction will be Dependent on Supreme Court decision on Writ of Kalikasan Case <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> • On-going financing arrangements • Project cost Php50B / \$1.2B <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • Engineering, Procurement and Construction (EPC) contract negotiations finalized • Site preparation construction on-going, construction commenced on Q3 2013 	Unit I - October 2018 Unit II - December 2018 (Target Commencement of Construction will be Dependent on Supreme Court decision on Writ of Kalikasan Case.)	2019
Indicative	Masinloc Expansion Project	AES Masinloc Power Partners Co., Inc.	Zambales	600	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> • Completed February 2011 <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> • No additional land will be aquired as the expansion will be inside the existing Masinloc Power Plant Complex. • NPC/PSALM, however, is still continuing the titling process and land registration for some parcels of land <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Grid Impact Studies obtained on 7 January 2011 • ECC Amendment was released by DENR on April 23, 2012 • The amended DOE Certificate of Endorsement for BOI was released on May 7, 2012 • Secured CoE for ERC on September 2011 • On-going processing of Certificate of Precondition from NCIP • SAPA amendment is still pending with DENR <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> • Undergoing consultation with international / local banks; • Project cost is Php49.45B <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • Selection of EPC Contractor on going <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> • 2nd Qtr 2014 	Unit 3 (300 MW) - September 2019 Unit 4 (300 MW) - June 2020	December 2019 (Target Testing and Commissioning)

Indicative	AOE Coal-Fired Power Plant	Meralco PowerGen Corporation (Project Company: Atimonan One Energy)	Atimonan, Quezon	1200	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Completed 21 January 2015 <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Acquisition of the parcels of the land in the target plant site in Atimonan, Quezon is on-going (expanding) <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Energy to be sold to DUs and electric cooperatives Discussion of PSA with potential off-takers on-going <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> On-going securing of ECC SEC already amended Clearance to Undertake GIS from DOE issued on June 2014 GIS on-going Ongoing discussion with LGU and there was no violent reaction from them on this proposed changes. EIS draft submitted to DENR in Nov. 2014 Foreshore Lease Application (FLA) submitted to DENR last March 2013 (currently on hold as the DENR does its internal organizational restructuring) Applied Certificate of Non-Overlap with National Commission on Indigenous Peoples (NCIP) <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Financing discussion on-going Informal discussions have begun with several banks with respect to the financing of the project On-going negotiations with lenders <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Owner's Engineer has been appointed; EPC pre-qualification process on-going EPC pre-qualification process on-going No contracts have been awarded to date re: EPC still on-going On-site works targeted to start in 2016 <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> The parties have yet to agree on when construction will commence 	Unit 1 - December 2020 Unit 2 - May 2021	Unit 1 - December 2020 Unit 2 - May 2021
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 is expected to be completed by the end of 2nd Quarter 2016 <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Land already secured and it has been re-classified as industrial; being resurveyed for titling (6/12/2015) <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 prepares PSA March 25, 2015 H&WB is reviewing the term sheet provided by MERALCO <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 LGU endorsement secured 10 June 2014 NGCP issued "Offer of Service" for SIS on 31 March 2015- completed on 23 September 2015 Currently undergoing NGCP's review process On-going processing of ECC requirements 	Unit 1 - 2021 Unit 2 - 2026	Unit 1 - 4th Quarter 2021 Unit 2 - 4th Quarter 2026
	OIL			196			
Indicative	Aero Derivative Combined Cycle Power Plant	Calamba Aero Power Corporation	Calamba, Laguna	150	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> On-going securing of permits and other regulatory requirements; Granted clearance by DOE for the conduct of GIS <p>FINANCING ARRANGEMENTS:</p>	TBD	TBD
Indicative	SLPGC Gas Turbine Power Project	Southwest Luzon Power Generation Corporation (SLPGC)	San Rafael, Calaca, Batangas	23	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS 2/2015 	TBD	TBD
Indicative	DMCI Masbate Gas Turbine Power Project	DMCI Masbate Power Corporation	San Rafael, Calaca, Batangas	23	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS 2/2015 	TBD	TBD
	NATURAL GAS			850			

Indicative	400 MW (8 x 50) VIRES LNG-FIRED POWER BARGE PROJECT	VIRES Energy Corporation	Batangas Bay area, Batangas	400	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS 9/10/2015 	1st Q 2018	1st Q 2018
Indicative	1x450 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) • Importation permit application is on-going • Accreditation from the BOI (targeted on December 2015) • Importation permit is on-going • BOI Accreditation target is December 2015 • DENR ECC on going; Certificate is expected in September 2015 • Issuance of ECC from DENR expected by October 2015 • 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 	December 2019	June 2020
GEOTHERMAL				80			
Indicative	Bacman 4 Botong - Rangas Geothermal Project	Energy Development Corporation	Bacon District, Sorsogon, Sorsogon City	40	<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 GRESC # 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 	June 2018	1st Half 2019 (Target Testing and Commissioning)
Indicative	Kayabon Geothermal Project	Energy Development Corporation	Manito, Albay	40	<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 GRESC # 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 	December 2019	May 2020 (Target Testing and Commissioning)

HYDROPOWER				741.15			
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 • NCIP 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 	June 2018	June 2018 (Target Testing and Commissioning)
Indicative	Dupinga Hydroelectric Power Project	Constellation Energy Corporation	Gabaldon, Nueva Ecija	3	<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 • 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 • 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 	June 2018	June 2018 (Target Testing and Commissioning)
Indicative	Tinoc 1	Philnew Hydro Power Corporation	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 	August 2018	August 2018
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 	August 2018	August 2018
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 • 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 	September 2018	September 2018 (Target Testing and Commissioning)
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 	January 2019	January 2019 (Target Testing and Commissioning)
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 	January 2019	January 2019 (Target Testing and Commissioning)

Indicative	Colasi	Colasi Mini Hydro Electric Power Plant Corporation	Mercedes, Camarines Norte	1	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Submission of lacking requirements e.g. permits in progress • Clearance to Undertake GIS from DOE issued on 3 December 2012 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • On-going rehabilitation 	February 2019	February 2019 (Target Testing and Commissioning)
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 	March 2019	March 2019
Indicative	Kabayan 2 (Natalang HEP)	Hedcor Cordillera, Inc.	Kabayan, Benguet	52	<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 	March 2019	March 2019

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 	March 2019	March 2019
Indicative	Bineng 1-2b Combination HEPP	Hedcor, Inc.	La Trinidad, Benguet	19	<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 	March 2019	March 2019
Indicative	Majayjay	Majayjay Hydro Power Company, Inc.	Majayjay, Laguna	3	<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 	April 2019	April 2019 (Target Testing and Commissioning)
Indicative	Ranggas	Clean and Green Energy Solutions, Inc.	Goa & Tigaon, Camarines Sur	1.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Submission of lacking requirements e.g. permits in progress 	June 2019	July 2019
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 	July 2019	July 2019
Indicative	Biyao	AV Garcia Power Systems Corp.	Balbalan, Kalinga	0.8	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 01 August 2014 Submission of lacking requirements 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 Ongoing construction 	August 2019	August 2019

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 	September 2019	September 2019
Indicative	Abdao HEP	AV Garcia Power Systems Corp.	Tabaan Sur, Tuba, Benguet	1	<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 	September 2019	September 2019
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 	October 2019	October 2019
Indicative	Tumauni (Upper Cascade)	Quadriver Energy Corp.	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 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going pre construction activities 	October 2019	October 2019
Indicative	Tinoc 5	Philnew Hydro Power Corporation	Tinoc, Ifugao	6.9	<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 	December 2019	December 2019
Indicative	Tinoc 6	Philnew Hydro Power Corporation	Tinoc, Ifugao	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 	December 2019	December 2019
Indicative	Alliem	Philnew Hydro Power Corporation	Alliem, Ilocos Sur	16.2	<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 	December 2019	December 2019
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 	February 2020	February 2020
Indicative	Cawayan 2	Sunwest Water & Electric Co., Inc.	Sorsogon, Sorsogon	1	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 15 April 2015; On-going permitting <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for construction 	April 2020	April 2020
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 	May 2020	May 2020

Indicative	Danac	Philnewriver Power Corp.	Sugpon, Ilocos Sur	13.2	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 29 June 2015; On-going permitting <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for construction 	June 2020	June 2020
Indicative	Matuno	Epower Technologies Corporation	Bambang, Nueva Ecija	8	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 24 June 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for construction 	June 2020	June 2020
Indicative	Dibuluan	Greenpower Resources Corp	San Agustin, Isabela	5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 24 June 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for construction 	June 2020	June 2020
Indicative	Man-Asok	Benguet Electric Cooperative	Buguias, Benguet	3	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 22 September 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for under development stage 	September 2020	September 2020
Indicative	Quirino	Philnewriver Power Corp.	Quirino, Ilocos Sur	11.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 7 September 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for under development stage 	September 2020	September 2020
Indicative	Laguio Malaki 1	Enervantage Suppliers Co., Inc.	Mauban, Quezon	1.6	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 9 October 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for under development stage 	October 2020	October 2020
Indicative	Laguio Malaki 2	Enervantage Suppliers Co., Inc.	Mauban, Quezon	3.1	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 9 October 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for under development stage 	October 2020	October 2020
Indicative	Davidavilan	PTC Energy, Inc.	Mauban, Quezon	1	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 9 October 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for under development stage 	October 2020	October 2020
Indicative	Bansud	PTC Energy, Inc.	Mauban, Quezon	1	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 2 October 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for under development stage 	October 2020	October 2020
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 	December 2020	December 2020
Indicative	Matuno 2	Smith Bell Mini Hydro Corporation	Bambang, Nueva Ecija	7.9	<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 	December 2020	December 2020

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; 	December 2020	December 2020
Indicative	Maapon River Mini-Hydro Power Project (MHP)	Renosons Energy Corporation	Brgy. Pils, Lucban, Quezon	2.6	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on May 2014; 	December 2020	December 2020
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 	January 2021	January 2021
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 	January 2021	January 2021
Indicative	Ollilicon 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 	January 2021	January 2021
Indicative	Maris Main Canal 1 HEP	SN Aboitiz Power Generation	Ramon, Isabela	6	<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 	January 2021	January 2021

Indicative	Majayjay	Majayjay Hydro Power Company, Inc.	Majayjay, Laguna	2	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 29 January 2016; 	January 2021	January 2021
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; 	March 2021	March 2021
Indicative	Didipio 2	AT Dinum Company	Kasibu, Nueva Vizcaya	9.4	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 6 April 2016; 	April 2021	April 2021
Indicative	Matibuey	Sta. Clara Power Corporation	Matibuey, Ilocos Sur	16	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of commerciality on 12 April 2016; 	April 2021	April 2021
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
Indicative	Talubin Hydropower Project	Mountain Province Electric Cooperative, Inc.	Bontoc, Mountain Province	5.4	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 11 December 2015 	TBD	TBD

Indicative	Ibulao I Hydroelectric Power Project	Kiangan Mini-Hydro Corporation	Kiangan, Ifugao	6	PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> • Issued with GIS on 28 December 2015 	TBD	TBD
SOLAR				585.68			
Indicative	Botolan Solar Power Project	Solar Power Utilities Generator Corporation	Brgy. San Juan, Botolan, Zambales	39.27	PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> • 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 	June 2017	June 2017
Indicative	Macabud Solar Photovoltaic Power Project	ATN Philippines Solar Energy Group, Inc.	Brgy. Macabud, Rodriguez, Rizal	30	FEASIBILITY STUDY: Completed MARKETING OF GENERATING CAPACITIES: <ul style="list-style-type: none"> • On-going negotiations PPA with MERALCO in the absence of REPA PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> • Awarded with Solar Energy Service Contract (SESC No. 2011-05-002) on 12 May 2011; • Secured NGCP Review of Third Party SIS, • ECC from DENR • CNO from NCIP • Provincial Resolution of Support • Clearances from Land Registration Authority • DAR Certification • Acquired the DOE Certificate of Confirmation of Commerciality on 27 Jun 2013; • Clearance to Undertake GIS from DOE issued on 17 October 2011 • On-going negotiations or connection agreement, project financing and Right of Way FINANCING ARRANGEMENTS: <ul style="list-style-type: none"> • Proofs of negotiations/certifications with financial institutions for project financing • Negotiations for financial closing is on-going • Total project cost is US\$70.0 Million CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: <ul style="list-style-type: none"> • Construction Stage as of 30 September 2014 (Pre-Construction -80% completed, Construction-0% completed, Interconnection - 0% completed) 	June 2017	June 2017
Indicative	Sta. Rita Solar Power Project - Phase II	Jobin-Sqm Inc. (JOBIN)	Mt. Sta. Rita, Morong and Hermosa, Bataan	92.86	PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> • 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 	December 2017	December 2017
Indicative	Concepcion Solar Power Project	Enfinity Philippines Renewable Resources, Inc	Brgy. Sta. Rosa, Concepcion Tarlac	50.55	PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> • Awarded with Solar Energy Service Contract (SESC No.2015-02-101) on 28 January 2015 • Acquired the DOE Certificate of Confirmation of Commerciality on 11 June 2015 FINANCING ARRANGEMENTS: <ul style="list-style-type: none"> • negotiations for financial closing CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: <ul style="list-style-type: none"> • On-going construction (see FIT Monitoring Board) 	December 2017	December 2017

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 <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) 	December 2017	December 2017
Indicative	V-Mars Solar Power Project	V-Mars Solar Energy Corporation	San Jose/Lupao, Nueva Ecija	10	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 11 January 2016 	TBD	TBD
Indicative	SIC Solar Power Project	SIC Solar Power Corporation	San Jose City, Nueva Ecija	10	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • 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	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • 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	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 11 March 2016 (DOE-EPIMB-SIS No. 2016-03-001) 	TBD	TBD
Indicative	Sta. Maria Solar Power Project	East Coast Fas Renewable Energy and Industrial Corporation	Sta. Maria, Isabela	30	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-04-001) 	TBD	TBD
Indicative	Cordon Solar PV Power Project	Greenery Solutions, Inc.	Cordon, Isabela	50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 4 April 2016 (DOE-EPIMB-SIS No. 2016-04-004) 	TBD	TBD
Indicative	FPI Solar PV Power Project	Firmgreen Phils. Inc.	Tarlac City, 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. 2016-04-005) 	TBD	TBD
Indicative	Nueva Ecija Solar Power Project	Firmgreen Phils. Inc.	Pantabangan, Nueva Ecija	100	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-04-005) 	TBD	TBD
Indicative	Solana Solar Power Plant	Solana Solar Alpha, Inc.	Hermosa, Bataan	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 21 April 2016 (DOE-EPIMB-SIS No. 2016-03-005) 	TBD	TBD
Indicative	Santa Solar Power Project	Satrap Power Corporation	Brgy. Nagpanaoan, Santa, Ilocos Sur	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 5 May 2016 (DOE-EPIMB-SIS No. 2016-04-011) 	TBD	TBD
WIND				997			
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 • On-going wind resource assessment • Acquired various LGU permits and resolutions of support • 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 • 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 • 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-RROW 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"> • Negotiation for financial closing is on-going • 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-RROW as per Work Plan 	November 2016	November 2016 (Target Testing and Commissioning)

Indicative	Balaoi Wind Power Project	Northern Luzon UPC Asia Corporation	Brgy. Balaoi, 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) 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); NGCP is conducting SIS prior to signing of Connection Agreement 	October 2017	October 2017 (Target Testing and Commissioning)
Indicative	Sembrano Wind Power Project (Formerly: Phase 2: Mabita Wind Power Project)	Alternergy Sembrano Wind Corporation	Mt. Sembrano, Mabita, Laguna	72	<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; 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 	June 2018	June 2018 (Target Testing and Commissioning)
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 	December 2018	December 2018 (Target Testing and Commissioning)

Indicative	Matnog 1 Wind Power Project	Energy Development Corporation	Matnog, Sorsogon	153	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6April 2016 (DOE-EPIMB-SIS No. 2016-03-003)	TBD	TBD
Indicative	Matnog 2 Wind Power Project	Energy Development Corporation	Matnog, Sorsogon	206	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6April 2016 (DOE-EPIMB-SIS No. 2016-03-003)	TBD	TBD
Indicative	Matnog 3 Wind Power Project	Energy Development Corporation	Matnog, Sorsogon	206	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6April 2016 (DOE-EPIMB-SIS No. 2016-03-003)	TBD	TBD
Indicative	Burgos 2 Wind Power Project	Energy Development Corporation	Burgos, Ilocos Norte	183	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6April 2016 (DOE-EPIMB-SIS No. 2016-03-003)	TBD	TBD
BIOMASS				66.3			
Indicative	Pampanga Oxyfuel-Gas Fired Power Plant Project	CENERTEC Philippines, Inc.	Brgy. Balubad, Porac, Pampanga	1.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	December 2016	December 2016
Indicative	Balintawak Oxyfuel-Gas Fired Power Plant Project	CENERTEC Philippines, Inc.	Old Samson Roa, Balintawak, Quezon City	4	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	December 2016	December 2016
Indicative	Napier Grass-Fired Biomass Power Plant	Grass Gold Renewable Energy Corp	Nueva Ecija	10.8	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • For construction	January 2018	January 2018
Indicative	WTE Biomass Power Plant Project	Green Atom Renewable Energy Corporation	Cavite	50	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • For construction	December 2018	December 2018
BATTERY				230			
Indicative	AES Battery Storage - Laoag Project	AES Philippines Power Partners Co. Ltd.	Laoag, Ilocos Norte	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on 18 February 2016 (DOE-EPIMB-SIS No. 2016-02-001)	TBD	TBD
Indicative	AES Battery Storage - Bantay Project	AES Philippines Power Partners Co., LTD.	Bantay, Ilocos Norte	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on 18 February 2016 (DOE-EPIMB-SIS No. 2016-02-001)	TBD	TBD
Indicative	AES Battery Storage - Masinloc Project Unit 2	AES Philippines Power Partners Co., LTD.	Masinloc, Zambales	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on June 2, 2015;	TBD	TBD
Indicative	AES Battery Storage - Masinloc Project Unit 3	AES Philippines Power Partners Co., LTD.	Masinloc, Zambales	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on June 2, 2015;	TBD	TBD
Indicative	AES Battery Storage - Masinloc Project Unit 4	AES Philippines Power Partners Co., LTD.	Masinloc, Zambales	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on June 2, 2015;	TBD	TBD
Indicative	Enerhiya Central Battery Energy Storage Project	SunAsia Energy Inc.	Concepcion, Tarlac	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 April 2016 (DOE-EPIMB-SIS No. 2016-04-002)	TBD	TBD
Indicative	Enerhiya Sur I Battery Energy Storage Project	SunAsia Energy Inc.	Lemery and Tuy, Calaca, Batangas	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 April 2016 (DOE-EPIMB-SIS No. 2016-04-002)	TBD	TBD
Indicative	Enerhiya Sur II Battery Energy Storage Project	SunAsia Energy Inc.	Lumban, Laguna	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 April 2016 (DOE-EPIMB-SIS No. 2016-04-002)	TBD	TBD

Total Indicative Rated Capacity

9116.13

* Committed Project(s)

COAL
DIESEL / OIL
NATURAL GAS
GEOTHERMAL
HYDROPOWER
SOLAR
WIND
BIOMASS
BESS



5600

196

850

90

741.15

555.68

997

66.3

0

9116.13

TRUE