

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)

COMMITTED

As of 31 December 2017

Committed/ Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			5190			
Committed	Pagbilao Coal-Fired Thermal Power Plant	Pagbilao Energy Corporation	Pagbilao Power Station, Nrgy. Ibabang Polo, Pagbilao, Quezon	420	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Feasibility Study completed; Estimated Net Capacity: 400MW <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: Completed;</p> <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Contract with off-takers completed, Supply agreement executed; 50% of the plant's capability will be sold to Therna Luzon Inc. <ul style="list-style-type: none"> 50% will be sold to TeaM (Phils.) Energy Corporation; <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Environmental Compliance Certificate was issued on 18 June 2013; Secured endorsement from Sangguniang Barangay of Ibabang Polo, Sangguniang Bayan of Pagbilao, Sangguniang Panlalawigan of Quezon; <ul style="list-style-type: none"> ECC issued on 18 June 2013 In final negotiations with NPC, PSALM, TeaM Energy Corporation and Therna Luzon, Inc. to co-locate the plant in the existing Pagbilao Power Station; <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> 23 July 2014 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Financial Arrangement Secured with various lenders on 30 July 2014; On-going draw downs for planned milestones and progress payments; <ul style="list-style-type: none"> Estimated Project Cost: US\$ 1,000,000,000.00 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Construction Contracts for Plant & Equipment: Completed and executed; <ul style="list-style-type: none"> Notice to Proceed and Commencement Notice issued to EPC Contractor; Down Payment already released to EPC contractor; Commencement of EPC and Construction: May 2014; Approximately 71% completed as of February 2016; <ul style="list-style-type: none"> 84.32% completion as of 25 July 2016 86.49% completion as of 26 August 2016 94.76% completion as of February 2017 	August 2017 (Ongoing Testing and Commissioning)	January 2018
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; <ul style="list-style-type: none"> 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 released; 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 <ul style="list-style-type: none"> On-going securing of other permits and other regulatory requirements <ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> Issued NTP on 1 August 2014 Completed and issued construction and supply contracts on EPC's inside batter limit (main equipment) <ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> Start of Piling and Construction: 15 October 2013 	Unit 3 - December 2017 Unit 4 - August 2019	Unit 3 - March 2018 Unit 4 - December 2019

Committed	San Buenaventura Power Ltd. Co. (SBPL) Project	San Buenaventura Power Ltd. Co. (SBPL)	Barangay Cagsiay 1, Mauban, Quezon	500	<p>FEASIBILITY STUDY: Completed</p> <ul style="list-style-type: none"> Completed Selection Study in 2012; Technology selection study completed 2012 <ul style="list-style-type: none"> Coal Sourcing Study completed in 2012 Facility Study to be done in 2014; System Impact Study completed 2007 and revalidated 2013 <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> Project will be located within the existing site <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> 20 years + 5-year extension PSA with Meralco as offtaker; SBPL has signed a PSA with Meralco on 29 May 2014; PSA approved by ERC on March 27, 2015 and released May 19, 2015 <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Clearance to Undertake GIS from DOE issued on 7 March 2013; System Impact Study completed in 2007 and is being revalidated in 2013; <ul style="list-style-type: none"> ECC (Ref.Code 0610-012-4021) issued on 4 June 2007; ECC extension of validity issued on 31 May 2012 and valid until 4 June 2015; ECC for SBPL issued on 11 November 2014 <ul style="list-style-type: none"> Request for Amendment to upgraded technology submitted to EMB on 17 February 2014 <ul style="list-style-type: none"> Request to assign the ECC for new project was requested on 2 June 2014; Additional information requested by EMB on 7 August 2014; QPL is in the process of preparing the documents; <ul style="list-style-type: none"> Secured Sanggunian Bayan Resolution No. 2014-269 endorsing the project to expand; <ul style="list-style-type: none"> SIS completed in 2007 and is being revalidated; Municipal LGU endorsement issued April 19, 2005; <ul style="list-style-type: none"> Certificate of Non-Overlap was issued by the NCIP to Quezon Power on 5 February 2014; Request to assign the CNO was endorsed by the DOE and submitted to the NCIP on 15 July 2014; Certificate of Non-overlap issued on 29 August 2014 <ul style="list-style-type: none"> ERC application was filed on 2 June 2014; Financing arrangements is expected to be secured only after the ERC issues the final approval; BOI Certificate of Registration issued on 15 October 2015 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Financing arrangements is expected to be secured only after the ERC issues the final approval; Financially closed December 1, 2015 <ul style="list-style-type: none"> Project cost is Php37.8B <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> December 10, 2015 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Owner's Engineer selected; EPC bids received in November 2013 <ul style="list-style-type: none"> EPC Contract signed October 2014; <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Award EPC contract estimate September 2013; <ul style="list-style-type: none"> End of 2014 Expect to commence construction only after the ERC issues the final approval <ul style="list-style-type: none"> 4 years to fully complete the construction of the plant; 	December 2018	December 2019
Committed	Masinloc Expansion Project	AES Masinloc Power Partners Co., Inc.	Zambales	300	<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 acquired 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 <ul style="list-style-type: none"> Secured CoE for ERC on September 2011 On-going processing of Certificate of Precondition from NCIP <ul style="list-style-type: none"> SAPA amendment is still pending with DENR <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Provided bank certification for financial closing status to DOE dated 24 August 2016; <ul style="list-style-type: none"> 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 - September 2019	December 2019 (Target Testing and Commissioning)

Committed	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 <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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; <ul style="list-style-type: none"> Public consultations conducted in Subic on 29 June 2012 Site Preparation completed in 2013; <p>Target Commencement of Construction will be Dependent on Supreme Court decision on Writ of Kalikasan Case</p> <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
Committed	GNPower Dinginin 2 x 660 MW Supercritical Coal-Fired Power Plant	GNPower Dinginin Coal Plant Ltd. Co.	Mariveles, Bataan	1200	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> On-going presentation/proposal submissions to potential customers <ul style="list-style-type: none"> Clearance to Undertake GIS from DOE issued on 26 June 201; Obtained LGU endorsements; BOI registration for 600 MW pre-approve <ul style="list-style-type: none"> On-going SI; On-going EIS for ECC application <p>On-going securing DOE of Endorsement for DENR-ECC Arrangements for securing the required land will be acquired by an affiliate Filipino company of GNPower;</p> <ul style="list-style-type: none"> On-going negotiation with tenders <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Project cost is \$1B Provided bank certification which was received by DOE-EPIMB-PPDD on 18 March 2016 With Financial Closing, agreed by GNPD and banks/financial institutions on 17 December 2015 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going finalization of EPC Contract EPC Contract was signed on Oct 27, 2015 	Unit I - Oct 2018 Unit II - Dec 2019	Unit I - March 2019 Unit II - January 2020

Committed	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 <ul style="list-style-type: none"> GIS on-going Ongoing discussion with LGU and there was no violent reaction from them on this proposed changes. <ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> EPC pre-qualification process on-going No contracts have been awarded to date re: EPC still on-going <ul style="list-style-type: none"> 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 - June 2021 Unit 2 - TBD	Unit 1 - June 2021 Unit 2 - TBD
Committed	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"> Land acquisition on-going (80% completion) <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 DOE clearance to undertake SIS last July 1, 2016 Secured DOE endorsement to NCIP for CNO last March 27, 2017 Ongoing EIA finalization for ECC application; tentative submission on June 2017 Secured Certificate of Non-coverage from DAR last December 12, 2016 <ul style="list-style-type: none"> Barangay, Municipal, Provincial clearances ongoing <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Cost is US\$ 1.5B <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> EPC pre-qualification process started March 2017 <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Target commencement of construction Aug 2018 	November 2021	January 2022

OIL				46				
Committed	SLPGC Gas Turbine Power Project Unit 3	Southwest Luzon Power Generation Corporation (SLPGC)	San Rafael, Calaca, Batangas	23	PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> Issued with GIS 2/24/2016 (DOE-EPIMB-SIS No. 2016-02-005) 		April 2017	January 2018
Committed	SLPGC Gas Turbine Power Project Unit 4	Southwest Luzon Power Generation Corporation (SLPGC)	San Rafael, Calaca, Batangas	23	PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> Issued with GIS 2/24/2016 (DOE-EPIMB-SIS No. 2016-02-005) 		April 2017	January 2018
NATURAL GAS				650				
Committed	Pagbilao Combined Cycle Gas Fired Power Plant Proposed 3x200 MW CCGT Power Plant	Energy World Corporation	Brgy. Ibabang Polo, Grande Island, Pagbilao, Quezon	650	FEASIBILITY STUDY: <ul style="list-style-type: none"> Completed 'ARRANGEMENT FOR SECURING THE REQUIRED LAND: <ul style="list-style-type: none"> Land is already secured with a long lease entered into since 2007 MARKETING OF GENERATING CAPACITIES: <ul style="list-style-type: none"> No specific off taker yet but already have a discussion with Federation of Philippine Industries, intended to supply power into the Wholesale Electricity Spot Market but is also open to discussing potential off take arrangements as well <ul style="list-style-type: none"> 100% WESM PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> GIS for 300MW issued by NGCP on 8 August 2013 and revised on 3 July 2013 for 600MW <ul style="list-style-type: none"> Issued DOE Endorsement for Revised Capacity on 3 July 2013; Revised DOE clearance for GIS submitted to NGCP on January 2014 GIS from NGCP for the 600MW was released on August 2014; Several Resolutions has been issued on May 2014 (Sangguniang Barangay Resolution, Sangguniang Bayan Resolution and Sangguniang Panlalawigan Resolution) interposing no objection for the construction of a 600 MW Liquefied Natural Gas (LNG) Power Plant; <ul style="list-style-type: none"> On-going processing of ECC for power plant FINANCING ARRANGEMENTS: <ul style="list-style-type: none"> Financial Arrangement Secured <ul style="list-style-type: none"> Syndicated Loan Project Cost:\$300M Signing of loan agreement last 18 Sep 2015 CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: <ul style="list-style-type: none"> Entered into a Sale and Purchase Agreement last October 2012 with Siemens Energy for two 200 MW gas turbines and the first 200MW turbine is expected to arrive by September 2014; LNG Tank is currently at 50% construction completed as of August 2014; COMMENCEMENT OF CONSTRUCTION: <ul style="list-style-type: none"> December 2013 Completed 		U1 - June 2018 U2 - September 2018 U3 - December 2018	U1 - June 2018 U2 - September 2018 U3 - December 2018 (Target Testing and Commissioning)
HYDROPOWER				439.23				
Committed	Maris Main Canal 1 HEP	SN Aboitiz Power Generation	Ramon, Isabela	8.5	FEASIBILITY STUDY: <ul style="list-style-type: none"> Feasibility design completed Technical studies completed PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> NIA agreement for pre-development activities secured; <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Environmental and Social Studies completed Water right and right of way acquisition on-going On-going construction 		January 2018	January 2018 (Target Testing and Commissioning)
Committed	Tubao	Tubao Mini-Hydro Electric Corporation	Tubao, La Union	1.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 19 March 2015 GROUND BREAKING SCHEDULES: <ul style="list-style-type: none"> Ground breaking held on 8 November 2014 CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: <ul style="list-style-type: none"> Pending submission of requirements for construction 		December 2018	December 2018 (Target Testing and Commissioning)

Committed	Majajjay	Majajjay Hydro Power Company, Inc.	Majajjay, 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 	December 2018	December 2018 (Target Testing and Commissioning)
Committed	Labayat River (Upper Cascade)	Repower Energy Development Corporation	Real, Quezon	3	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 8 January 2016 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Ongoing pre-construction activities 	December 2018	December 2018 (Target Testing and Commissioning)
Committed	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 	December 2019	December 2019 (Target Testing and Commissioning)
Committed	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 	December 2019	December 2019 (Target Testing and Commissioning)
Committed	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 <ul style="list-style-type: none"> 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 	December 2019	December 2019 (Target Testing and Commissioning)
Committed	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 2019	December 2019 (Target Testing and Commissioning)
Committed	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; 	December 2020	December 2020 (Target Testing and Commissioning)
Committed	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 <ul style="list-style-type: none"> Already secured LGU Endorsements <ul style="list-style-type: none"> 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 	December 2020	December 2020 (Target Testing and Commissioning)
Committed	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 <ul style="list-style-type: none"> Pending submission of requirements for construction 	December 2020	December 2020 (Target Testing and Commissioning)

Committed	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 <ul style="list-style-type: none"> Pending submission of requirements for construction 	December 2020	December 2020 (Target Testing and Commissioning)
Committed	Dibulan	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 	December 2020	December 2020 (Target Testing and Commissioning)
Committed	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 	December 2020	December 2020 (Target Testing and Commissioning)
Committed	Maapon River Mini-Hydro Power Project (MHP)	Renesons Energy Corporation	Brgy. Piis, 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 (Target Testing and Commissioning)
Committed	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; 	December 2020	December 2020 (Target Testing and Commissioning)
Committed	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 	December 2020	December 2020 (Target Testing and Commissioning)
Committed	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 	December 2021	December 2021 (Target Testing and Commissioning)

Committed	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 	December 2021	December 2021 (Target Testing and Commissioning)
Committed	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 	December 2021	December 2021 (Target Testing and Commissioning)
Committed	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 	December 2021	December 2021 (Target Testing and Commissioning)
Committed	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 2021	December 2021 (Target Testing and Commissioning)
Committed	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; 	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Tibag	Repower Energy Development	Real, Quezon	4.40	Issued Commerciality on 9 March 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Lower Labayat	Repower Energy Development	Real, Quezon	1.40	Issued Commerciality on 9 March 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Besao 2	BIMAKA Renewable Energy Development Corporation	Besao, Mountain Province	7.00	Issued Confirmation of Commerciality on 17 May 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Besao 1	BIMAKA Renewable Energy Development Corporation	Besao, Mountain Province	1.00	Issued Confirmation of Commerciality on 24 June 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)

Committed	Besao 3	BIMAKA Renewable Energy Development Corporation	Besao, Mountain Province	4.50	Issued Confirmation of Commerciality on 24 June 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Besao 1B	BIMAKA Renewable Energy Development Corporation	Besao, Mountain Province	1.70	Issued Confirmation of Commerciality on 11 May 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Besao 2A	BIMAKA Renewable Energy Develop	Besao, Mountain Province	1.50	Issued Confirmation of Commerciality on June 24, 2016 Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Besao 1A	BIMAKA Renewable Energy Develop	Besao, Mountain Province	2.30	Issued Confirmation of Commerciality on December 15, 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Ibulao 1	Kiangnan Mini Hydro Corporaion	Kiangnan, Ifugao	6.75	Issued Confirmation of Commerciality on 24 June 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Lamut	Enerhighland Corporation	Asipulo & Lamut, Ifugao	6.00	Issued Confirmation of Commercialization on 27 July 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Hungduan	Kiangnan Mini Hydro Corporaion	Kiangnan, Ifugao	4.04	Issued Confirmation of Commercialization on 07 September 2016. Ongoing pre-construction activities.	December 2021	December 2021 (Target Testing and Commissioning)
Committed	Alilem	Philinew Hydro Power Corporation	Alilem, 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 2022	December 2022 (Target Testing and Commissioning)
Committed	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 	December 2022	December 2022 (Target Testing and Commissioning)
Committed	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 	December 2022	December 2022 (Target Testing and Commissioning)

Committed	Disabungan	Greenpower Resources Corporation	San Mariano, Isabela	4.8	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: Issued Confirmation of Commerciality on 29 July 2015 .</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: Ongoing pre-construction activities.</p>	December 2022	December 2022 (Target Testing and Commissioning)
Committed	Cawayan 2	Sunwest Water & Electric Co., Inc.	Sorsogon, Sorsogon	1	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued Confirmation of commerciality on 15 April 2015; • On-going permitting</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • Pending submission of requirements for construction</p>	December 2022	December 2022 (Target Testing and Commissioning)
Committed	Quirino	Philnewriver Power Corp.	Quirino, Ilocos Sur	11.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued Confirmation of commerciality on 7 September 2015;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • Pending submission of requirements for under development stage</p>	December 2022	December 2022 (Target Testing and Commissioning)
Committed	Matuno 2	Smith Bell Mini Hydro Corporation	Bambang, Nueva Ecija	7.9	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued Confirmation of commerciality on 29 December 2015;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • Pending submission of requirements for under development stage</p>	December 2022	December 2022 (Target Testing and Commissioning)
Committed	Piapi	Repower Energy Development	Mauban, Quezon	3.30	Issued Commerciality on 9 March 2016. Ongoing pre-construction activities.	December 2022	December 2022 (Target Testing and Commissioning)
Committed	Tignoan River (Upper Cascade) HEP	Repower Energy Development Corp	Real, Quezon	1.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 May 2017 (DOE-EPIMB-SIS No. 2017-04-004)</p>	December 2022	December 2022 (Target Testing and Commissioning)
Committed	Asin	Kiangan Mini Hydro Corporaion	Kiangan, Ifugao	7.04	Issued Confirmation of Commercialization on 24 June 2016. Ongoing pre-construction activities.	December 2022	December 2022 (Target Testing and Commissioning)
Committed	Ilaguen 3	Isabela Power Corporation	Echague, Isabela	11.00	Issued Confirmation of Commercialization on May 24, 2016. Ongoing pre-construction activities.	December 2022	December 2022 (Target Testing and Commissioning)
Committed	Addalam	Quirino Resources Development Corp.	Aglipay, Quirino	14.20	Issued Confirmation of Commerciality on 24 June 2016. Ongoing pre-construction activities.	December 2022	December 2022 (Target Testing and Commissioning)
Committed	Kapangan	Cordillera Hydro Electric Power Corporation	Kapangan & Kibungan, Benguet	60	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued Confirmation of Commerciality on 13 February 2014</p> <p>COMMENCEMENT OF CONSTRUCTION: • On-going civil works of hydro facilities</p>	December 2023	December 2023 (Target Testing and Commissioning)

Committed	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.	December 2023	December 2023 (Target Testing and Commissioning)
Committed	Addalam	Quirino Power Energy Corporation	Aglipay, Quirino	3.80	Issued Confirmation of Commerciality on 24 June 2016. Ongoing pre-construction activities.	December 2024	December 2024 (Target Testing and Commissioning)
Committed	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 	December 2025	December 2025 (Target Testing and Commissioning)
Committed	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 	December 2025	December 2025 (Target Testing and Commissioning)
Committed	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 	December 2025	December 2025 (Target Testing and Commissioning)
Committed	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 	December 2025	December 2025 (Target Testing and Commissioning)
Committed	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 	December 2025	December 2025 (Target Testing and Commissioning)
Committed	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 	December 2025	December 2025 (Target Testing and Commissioning)
Committed	Tinoc 5	Philnew River 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 2025	December 2025 (Target Testing and Commissioning)
Committed	Tinoc 6	Philnew River 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 2025	December 2025 (Target Testing and Commissioning)

Committed	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 	December 2025	December 2025 (Target Testing and Commissioning)
Committed	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 	December 2025	December 2025 (Target Testing and Commissioning)
SOLAR				92.86			
Committed	Sta. Rita Solar Power Project - Phase II	Jobin-Sqm Inc. (JOBIN)	Mt. Sta. Rita, Morong and Hermosa, Bataan	92.86	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <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 25MWp out of the 92.86 MWp target capacity was commissioned as of September 2017 	January 2018	January 2018 (Target Testing and Commissioning)
WIND				0			
GEOTHERMAL				43			
Committed	Maibarara 2 Geothermal Project	Maibarara Geothermal Inc.	Batangas	12	<p>FEASIBILITY STUDY: On-going</p> <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> The off-taker for generated power is still under negotiation <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Project is within the existing DOE Service Contract within GRESC # 2010-02-012 <ul style="list-style-type: none"> LGU endorsement Land Use permits DENR-ECC and water rights obtained Secured Certificate of Non-overlap from NCIP regional Office IV Confirmation of Commerciality obtained from DOE on 21 September 2015; <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Project cost estimated Php 1,848.30 Million 	January 2018	January 2018 (Target Testing and Commissioning)
Committed	Bacman 3 (Tanawon) Geothermal Project	Energy Development Corporation	Guinlajan, Sorsogon	31	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> DOE Service Contract within GRESC # 2009-10-003; <ul style="list-style-type: none"> LGU endorsement Land Use Permits, DENR-ECC Water Rights obtained; Turnkey Contract pending result of feasibility study under negotiation; Submitted Declaration of Commerciality (DOC) on 17 June 2014, evaluation by DOE of the DOC is still on-going; <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Project to be finance by EDC; Project cost estimated \$140M-180M 	December 2022	December 2022 (Target Testing and Commissioning)
BIOMASS				49.875			
Committed	SJCI Power Rice Husk-Fired Biomass power Plant Project Phase 2	San Jose City I Power Corporation	Brgy. Tulat, San Jose, Nueva Ecija	12	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> BREOC No. 2011-01-013 ECC, LGU, Land Use Permit Secured Clearance from DOE for the conduct of GIS on 21 July 2011 Issued Certificate Confirmation of Commerciality on 2 Sept 2013 <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> Groundbreaking on 12 Oct 2013 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Project Cost Php1.234B <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> EPC w/ Engcon of Singapore Pre-construction (100% completed as of 31 August 2014); Phase I - Estimated Accomplishment of Construction 98 % completed as of 31 August 2014) <ul style="list-style-type: none"> Remaining major equipment in-progress is the installation of travelling gate On-going installations of the feed water piping system, chemical dosing pipeline, three control elements of the boiler and other field instruments <ul style="list-style-type: none"> Expected arrival of switchyard is on May 2014 Interconnection (100% completed as of 31 August 2014) <ul style="list-style-type: none"> On-going construction as of 30 September 2014 Pre-Construction - 100%; Construction-98%; Interconnection-100% 	August 2017 (On-going testing and Commissioning)	January 2018

Committed	ACNPC WTE Biomass Power Plant Project Phase 2	Asian Carbon Neutral Power Corporation	Tarlac	1	<p>FINANCING ARRANGEMENTS: Closed</p> <p>CONSTRUCTION:</p> <ul style="list-style-type: none"> On-going construction 	January 2018	January 2018 (Target Testing and Commissioning)
Committed	Isabela La Suerte Rice Husk-Fired Power Project	Isabela La Suerte Rice Mill Corporation	Camarines Sur	5	<p>FINANCING ARRANGEMENTS: Closed</p> <p>CONSTRUCTION:</p> <ul style="list-style-type: none"> On-going testing and commissioning 	January 2018	January 2018 (Target Testing and Commissioning)
Committed	Central Azucarera Bagasse-Fired Power Plant Project	Central Azucarera Don Pedro, Inc.	Batangas	31.875	<p>CONSTRUCTION:</p> <ul style="list-style-type: none"> Operating for own-use/Testing and Commissioning 	January 2018	January 2018 (Target Testing and Commissioning)
	Battery			10			
Committed	AES Battery Storage - Masinloc Project	AES Philippines Power Partners Co., LTD.	Masinloc, Zambales	10	<p>Permits and other regulatory requirements:</p> <ul style="list-style-type: none"> Secured GIS on June 2, 2015; COE issued 16 December 2015 (10MW BESS) <ul style="list-style-type: none"> Receipt of ECC dated 5 Oct 2016 Construction Substantial Completion (MPPCL) dated 11 May 2016 <ul style="list-style-type: none"> WESM Registration - 01 July 2016 Provisional Approval to Connect (NGCP) - 08 July 2016 Approval of NGCP PGC Compliance Test Protocol for BESS (GMC) - 05 August 2016 PGC Compliance Testing and Commissioning, including NGCP witnessing of Factory Acceptance Testing (NGCP) - 22 September 2016 <ul style="list-style-type: none"> Receipt of signed Connection Agreement (NGCP) - 03 October 2016 Receipt of Signed Metering Services Agreement (NGCP) - 14 October 2016 <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> Ground breaking ceremony 15 December 2015 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Construction on going <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Target Commencement of Construction: June 2016 	2018	2018

Total Committed Rated Capacity 6510.965

* Committed Project(s)

COAL		5190
DIESEL / OIL		46
NATURAL GAS		650
GEO THERMAL		43
HYDROPOWER		439.23
SOLAR		92.86
WIND		0
BIOMASS		49.875
BESS		10
		6510.965
		TRUE

OFF GRID PROJECTS
PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)
COMMITTED
As of 15 May 2016

Committed/ Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	HYDROPOWER			18			
Committed	Catuiran	Sta. Clara Power Corp.	Naujan, Oriental Mindoro	8	<p>-Financial Arrangement Secured;</p> <p>-Ground breaking held in January 2013;</p> <p>-Issued Confirmation of Commerciality on 07 February 2013;</p> <p>-Submission lacking requirements e.g. permits in progress; ¹-On-going construction (Project start construction 6 January 2014; -Target completion 6 July 2016</p>	2018	2018 (Target Testing and Commissioning)

Committed	Inabasan	Ormin Power, Inc.	San Teodoro, Oriental Mindoro	10	-Financial Arrangement Secured; -Ground breaking held on 29 July 2013; -Issued Confirmation of Commerciality on 28 May 2013; -Project start construction 6 January 2014; -secured DENR ECC, NCIP Certificate, and NWRB Permit; -Submitted Feasibility Study, Detailed Engineering Design and 5-Yr Work Plan.	'-Already	May 2018	May 2018 (Target Testing and Commissioning)
	BIOMASS			0.0475				
Committed	70 kW Biomass Gasification Power Plant Project	PowerSource Philippines, Inc.	Palawan	0.0475	-Financially Closed; -On-going construction		January 2016	January 2016
			TOTAL	18.0475				
	* Committed Off Grid Project(s)							
	COAL			0				
	DIESEL / OIL			0				
	NATURAL GAS			0				
	GEOTHERMAL			0				
	HYDROPOWER			18				
	SOLAR			0				
	WIND			0				
	BIOMASS			0.0475				
	BESS			0				
				18.0475				

TRUE

Newly Operational

Operational	Phase 3: Bangui Bay Wind Power Project	NorthWind Power Development Corporation	Bangui, Ilocos Norte	18.9	-Financial Arrangement Secured with a Bank dated 15 July 2013; -Covered by WESC No. 2013-07-058 dated 26 February 2013; -Conducted detailed wind resource assessment; -Completed detailed feasibility study; Acquired various LGU permits and resolutions of support, NCIP Certificate of Non-Overlap, DENR Amended Environmental Compliance Certificate and CAAP Height Clearance permit; -Secured Clearance from DOE for the conduct of GIS on 12 February 2013 ; -Acquired DOE Certificate of Confirmation of Commerciality on 03 December 2013; Amended the CoCoC in order to reflect the improved capacity from 18MW to 18.9MW on 10 September 2014); -On-going construction as of 30 September 2014 (Pre-Construction - 100% complete, Construction - 98% complete, Interconnection - 100% complete; -On-going civil works for access roads and WTG Foundations; as of 30 September 2014 - Completed 6 out of 6 WTG Foundations;On-going completion/acceptance of SCADA with NGCP; -Erected 6 WTG; On-going installation of Balance of Plant equipment; -Acquired DOE Certificate of Confirmation of Commerciality on 03 December 2013 -Total project cost is US\$48.5Million.	October 2014	October 2014 (Target Testing and Commissioning)
Operational	Phase 1: Burgos Wind Power Project	EDC Burgos Wind Power Corporation	Nagsurot-Saoit, Burgos, Ilocos Norte	150	-Financial Arrangement Secured: Issued certification dated 13 March 2013 that EDC, its parent company, has the capacity to finance the project;100% equity financed; ; -Awarded with Wind Energy Service Contract (WESC No. 2009-09-004) on 14 Sept 2009; -Conducted detailed wind resource assessment; Acquired various LGU permits and resolutions of support, DENR Environmental Compliance Certificate, NCIP Certificate of Non-Overlap, Land Lease Agreement with private land owners, Forest Landuse Agreement with DENR for public land,DAR landuse conversion and exemption from CARP and CAAP Height Clearance permit; -Final Report of SIS and Connection Agreement with NGCP secured; -Supply, EPC and Service Energy Based Availability Agreement with the consortium of Vestas and First Balfour secured; -Conducted Groundbreaking Ceremony on 17 Apr 2013; -On-going construction; Construction Stage as of as of 30 September 2014 - (Pre-Construction -100% completed, Construction-83% completed, Interconnection - 83% completed); -On-going acquisition of TL-ROW; -Completed the 29 WTG foundations; -Erected the 29 WTG;On-going construction of substation and TL; - Total project cost is US\$291Million; -Acquired DOE Certificate of Confirmation of Commerciality on 16 May 2013;	November 2014	November 2014 (Target Testing and Commissioning)
Operational	Phase 2: Burgos Wind Power Project	EDC Burgos Wind Power Corporation	Nagsurot-Saoit, Burgos, Ilocos Norte	63	-Covered by WESC No. 2009-09-004; -Financing Arrangements: 100% equity financed subject available installation target; -Covered by all local permits acquired by the Phase 1 Project; -Other relevant studies and permits such as System Impact Study and Connection Agreement with NGCP and EPC Contracts were covered by the Approved 5-Year Work Plan; - 100% equity financed subject to available installation target; - Acquired DOE Certificate of Confirmation of Commerciality on 03 December 2013; -On-going construction; Construction Stage as of 30 September 2014(Pre-Construction - 100% completed, Construction-80% completed, Interconnection -100% completed); -On-going civil works for access roads and WTG foundations; -Total Project Cost is US\$167.58M;	December 2014	December 2014 (Target Testing and Commissioning)

Operational	24 MW SICIPower Rice Husk-Fired Biomass power Plant Project (Phase 1 - 12MW Phase 2 - 12 MW)	San Jose City I Power Corporation	Brgy. Tulat, San Jose, Nueva Ecija	20	<ul style="list-style-type: none"> -Financially Closed; -BREOC No. 2011-01-013; -Pre-construction (100% completed as of 31 August 2014); -Phase I - Estimated Accomplishment of Construction 98 % completed as of 31 August 2014); Remaining major equipment in-progress is the installation of travelling gate;On-going installations of the feedwater piping system, chemical dosing pipeline, three control elements of the boiler and other field instruments; Expected arrival of switchyard is on May 2014; -Interconnection (100% completed as of 31 August 2014); -Construction - (On-going construction as of 30 September 2014 - Pre-Construction - 100%; Construction-98%; Interconnection-100%); -Permits obtained-ECC,LGU, LandUse Permit] EPC w/ Engcon of Singapore; -Secured Clearance from DOE for the conduct of GIS on 21 July 2011 ; -Issued Certificate Confirmation of Commerciality on 2 Sept 2013; -Groundbreaking on 12 Oct 2013; -Proj.Cost Php1.234B 	Phase 1 - November 2014 Phase 2 - December 2015 (Subject to FIT)	Phase 1 - November 2014 Phase 2 - December 2015 (Subject to FIT)
Operational	SM North Edsa Solar Power Project	Solar Philippines Commercial Rooftop Projects, Inc.	SM North Edsa, Quezon City	1.5	<ul style="list-style-type: none"> -Awarded with Solar Energy Service Contract (SESC No. 2014-04-072) on 15 April 2014; -Filed Declaration of Commerciality on 01 August 2014 (under evaluation); 	March 2015	March 2015 (Target Testing and Commissioning)
Operational	Linao-Cawayan Cascade) (Upper	Oriental Mindoro Electric Cooperative, Inc.	Baco, Oriental Mindoro	2.1	<ul style="list-style-type: none"> -Financial Arrangement Secured; -On-going construction; - Already secured LGU Endorsement, DENR ECC, NWRB CWP, NCIP Compliance Certificate; -Submitted Feasibility Study and 5-Yr Work Plan. Financing from DBP; - Project cost PhP 293M. 	October 10, 2014	October 10, 2014 (Operational)
Operational	Caparispisan Wind Energy Project	Northern Luzon UPC Asia Corporation	Brgy. Caparispisan, Pagudpud, Ilocos Norte	81	<ul style="list-style-type: none"> -Financial Arrangement Secured: Submitted a certification from various Banks dated 12 July 2011; -Awarded with Wind Energy Service Contract (WESC No. 2009-09-005) on 14 Sept 2009; -Conducted detailed wind resource assessment; Conducted detailed wind resource assessment; -Completed detailed feasibility study; Acquired various LGU permits and resolutions of support, NCIP Certificate of Non-Overlap on 10 Apr 2007, Forest Landuse Agreement with DENR on 20 May 2009, DENR Environmental Compliance Certificate on 23 Jul 2009, DPWH Road Right-of-Way for T/L construction, and 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 2 July 2013; -Construction Stage over-all-80.9% as of 30 September 2014(Pre-Construction - 99% completed, Construction -85%, Interconnection - 58.9%);-Overall Accomplishments: 80.9% completed as of 30 September 2014; -On-going acquisition of TL-ROW; On-going civil works for access roads;Completed 16 out of 27 WTG Foundations; -Acquired DOE Certificate of Confirmation of Commerciality on 2 July 2013; -Erected the 27 WTG;On-going construction of TL-ROW as per Work Plan; -Total project cost is US\$255Million 	November 2014	November 2014 (Target Testing and Commissioning)
Operational	Pampanga Solar Power Project	Rasiag Corporation	Brgy. Suclaban, Mexico, Pampanga	10	<ul style="list-style-type: none"> - Financial Arrangement Secured; 8 MW already operational with remaining 2 MW currently being installed target commercial operation: 31 March 2015 on-going TSA with NGCP, only for compliance to RTU and SCADA requirement but not for grid export embedded to Angeles Power Inc. (API) as agreed with NGCP due to embedded operation with API and still securing permit to operate, Pampanga solar is excluded in the outlook. -Awarded with Solar Energy Service Contract (SESC No. 2014-01-062) on 05 February 2014; -Secured ECC from DENR, Municipal and Barangay Resolution of Support, DAR Conversion of Land-Use from Agricultural to Industrial, Third Party Distribution Impact Study, and ownership of land; Completed the Full Blown Feasibility Study; -EPC Contract is under negotiation; -On-going construction as of 30 September 2014 (Pre-Construction -85% complete, Construction - 8% complete, Interconnection - 0% complete); -Financial Closing is under negotiation; -Declaration of Commerciality submitted on 28 February 2014; -Acquired DOE Certificate of Confirmation of Commerciality under FIT System on 13 June 2014; -Request for Amendment of CoCoC from 8MW to 10MW on 13 August 2014; -On-going acquisition of relevant permits under Pre-Construction Stage as per Work Plan; -Filed a request for endorsement to avail the duty-free importation; 	February 2015	31 March 2015 (Target Testing and Commissioning)
Operational	Cavite Economic Zone (CEZ) Solar Rooftop Power Project	Majestics Energy Corporation	Cavite Economic Zones I and II, Rosario and Gen. Trias, Cavite	41.3	<ul style="list-style-type: none"> - Financial Arrangement Secured -100% Equity; - Awarded with Solar Energy Service Contract (SESC No. 2013-10-040) on 30 October 2013; - Secured Third Party System Impact Study, ECC/CNC from DENR, CNO from NCIP, Provincial Resolutions of Support, Certificate of Registration from PEZA, and EPC Contract; -Acquired DOE Certificate of Confirmation of Commerciality on 27 June 2013; - Completed technical study; -On-going construction as of 30 September 2014 (Pre-Construction - 90% complete, Construction - 88% complete, Interconnection - 85% complete); -On-going negotiation for Connection Agreement with NGCP; -On-going construction of its Balance of Systems (BOS); - On-going construction; 	20 January 2015	March 2015

Operational	135 MW Puting Bato Coal Fired Power Plant Phase I	South Luzon Thermal Energy Corp. (SLTEC)	Brgy. Puting Bato West, Calaca, Batangas	135	<ul style="list-style-type: none"> -Financial Arrangement Secured on 28 October 2014; -GIS approved by NGCP on 17 May 2013; -Started Construction on December 2011; -Construction Duration - 32 Months; -230kV Salong Switching Station owned by NGCP is tied up with SLTEC; 230 kV Salong Switching Station energized Bay 1; -All test are made for the 230kV switchyard; Generator is for final alignment; All materials for the project is for installation; Hydro test and thermal insulation in boiler completed; On-going air ducting and insulation for ESP; -EPC works as of 31 August 2014- 98.88% completed; -Construction Progress: Commissioning of installed equipments; On-going commissioning of steam blowing, water treatment and saltwater intake; All materials need are installed;On-going air ducting and insulation for ESP; -Ash Management Facility Completion - 30 April 2014; -Ground breaking - February 2012; -Project cost is Php12.9B 	(On-going)	Apr-15
Operational	Sabangan	Hedcor Sabangan, Inc.	Sabangan, Mt. Province	14	<ul style="list-style-type: none"> -Financial Arrangement Secured; -Ground breaking held on June 2014; - Issued Confirmation of Commerciality on 28 August 2013; -On-going construction (Pre-construction - 100%, Construction-23.38%, Interconnection-0%) completed as of 30 September 2014 ; -Secured Clearance from DOE for the conduct of GIS on 18 June 2012; - 	Jun-15	Jun-15
Operational	Phase 1: Piliilla Wind Power Project	Alternergy Wind One Corporation	Brgy. Halayhayin, Piliilla, Rizal	54	<ul style="list-style-type: none"> -Financial Arrangement Secured -AWOC to finance the implementation of the project with 100% equity; -Awarded with Wind Energy Service Contract (WESC No. 2009-09-018) on 23 Oct 2009; -Acquired various LGU permits and resolutions of support, DENR Environmental Compliance Certificate, NCIP Certificate of Non-Overlap, Contract to Buy with private land owners, and clearances from DAR, NIA, LRA, HLURB, and Laguna Lake Development Authority; -Interconnection Agreement with MERALCO secured on 1 Mar 2012; -Regulatory requirements, permits, GIS, etc. were completed; -EPC and O&M Contract with consortium of Nordex SE and McConnell Donnell secured on 11 Jul 2012; -Secured Clearance from DOE for the conduct of GIS on 21 November 2011 ; -NGCP Review of Third Party SIS secured on 31 Jul 2012; -Acquired DOE Certificate of Confirmation of Commerciality on 16 May 2013; -Conducted Groundbreaking Ceremony on 18 Jun 2013; -On-going construction as of 30 September 2014 (Pre-Construction - 100% complete, Construction-5%, Interconnection-0%); -Started civil works on access road; -Amended the Contract Area and assigned fully to AWOC-WESC No. 2009-09-018- AF1 on 27 February 2014; -Total project cost is US\$177.9Million; 	June 2015	July 2015

Operational	12.5 MW Bataan 2020 Rice hull-fired Cogen Plant	Bataan 2020 Inc.	Bataan	7.5	<ul style="list-style-type: none"> - Financially Closed; --BREOC No. 2010-01-008; --Issued Certificate Confirmation of Commerciality on 27 August 2013; -100% Constructed & Operational (Operating for Own-Use); -Interconnection - 80% completed as of 30 September 2014; 	May 2015	July 10, 2015
Operational	20 MW Rusk-Fired Biomass Power Plant	Isabela Biomass Energy Corporation	Alicia, Isabela	18	<ul style="list-style-type: none"> -Financially Closed; -BREOC No. 2013-03-030; -Issued Certificate Confirmation of Commerciality on 6 January 2014; -On-going construction; Pre-construction -95% completed; Interconnection-2% completed; -Steam Turbine Generator (STG) - for concreting; -Fuel Storage - with partial roofing; -Awaiting permit from DPWH for the construction of drainage system; - Permits obtained (ECC, LGU Endorsement, Land Use Permit, etc.); -Secured Clearance from DOE for the conduct of GIS on 22 April 2013 ; -Issued Declaration of Commerciality on 6 January 2014; -Has EPC; -Project Status as of 30 September 2014-Pre-construction: 95%;Construction:49%;Interconnection 2%; -Subject to FIT; -Project cost is Php1.9B 	August 2015 (Subject to FIT)	Sept 2015 (Subject to FIT) (Target Testing and Commissioning)
Operational	0.4MW VM Agbayani Rice Mill Rice Husk-Fired Power Plant	V.M. Agbayani Rice Mill	Oriental Mindoro	0.28	<ul style="list-style-type: none"> -Financially Closed; -On-going construction; 	November 2015	October 2015
Operational	Pampanga Solar Power Project Phase II	RASLAG Corp.	Mexico, Pampanga	13.14	<ul style="list-style-type: none"> -Awarded with Solar Energy Service Contract (SESC No. 2014-01-062) on 5 february 2014; -Certificate of Commerciality No. SCC- 2015-09-0261 dated 22 September 2015; -On-going construction (see FIT Monitoring Board) 	January 2016	January 2016

Operational	135 MW Puting Bato Coal Fired Power Plant Phase II	South Luzon Thermal Energy Corp. (SLTEC)	Brgy. Puting Bato West, Calaca, Batangas	135	<p>FEASIBILITY STUDY: Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: Land acquisition completed;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • GIS approved by NGCP on 17 May 2013; • DENR-ECC issued to TAOil for project on 30 April 2010; • transfer to ECC to SLTEC on 14 Dec 2011; • Ash Handling Facility issued on 24 January 2012; • Switching Station 21 January 2013 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> • with tenders on 1 July 2013; • Project cost is Php 9.6B <p>COMMENCEMENT OF CONSTRUCTION: August 2013 construction/installation;</p>	August 2015	February 2016
Operational	Cabanatuan Solar Power Project	First Cabanatuan Renewable Ventures, Inc.	Cabanatuan City, Nueva Ecija	10.26	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Awarded with Solar Energy Service Contract (SESC No. 2012-08-018) on 04 September 2012 • Certificate of Commerciality No. SCC- 2015-09-025 dated 22 September 2015 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • On-going construction (see FIT Monitoring Board) 	March 2016	Operational
Operational	YH Green	YH Green	Hermosa, Bataan	14.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Awarded with Solar Energy Service Contract(SESC No. 2015-06-241) on 26 June 2015 • Certificate of Commerciality No. SCC- 2015-10-0381 dated 10 November 2015; <p>CONSTRUCTION:</p> <ul style="list-style-type: none"> • On-going construction (see FIT Monitoring Board) 	February 2016	Operational
Operational	Tarlac Solar Power Project	PetroSolar Corporation	Tarlac City, Tarlac	50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Awarded with Solar Energy Service SESC No. 2015-03-115) on 19 March 2015 • Certificate of Commerciality No. SCC- 2015-09-027 dated 24 September 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • On-going construction (see FIT Monitoring Board) 	February 2016	Operational
Operational	Biomass Power Plant Project	Green Innovations for Tomorrow Corporation	Nueva Ecija	10.8	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • BREOC No. 2013-09-037; • Issued Declaration of Commerciality on 16 June 2014; <p>FINANCING ARRANGEMENTS: Closed</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • Pre-Construction: 79%; Construction: 18%; Interconnection:0% • On-going construction 	November 2015	April 2016 (Operational; Awaiting supporting documents for confirmation)
Operational	Calatagan Solar Power Project Phase I	Solar Philippines Calatagan Corporation	Calatagan and Balayan, Batangas	63.3	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Awarded with Solar Energy Service (SESC No. 2014-12-091) on 22 December 2014 • Amended Certificate of Commerciality No. SCC- 2015-09-028 dated 24 September 2015; <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> • On-going construction (see FIT Monitoring Board) 	February 2016	Operational
Committed	Currímao Solar Photovoltaic Power Project	Mirae Asia Energy Corporation	Currímao, Ilocos Norte	20	<p>FEASIBILITY STUDY: Completed</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Awarded with Solar Energy Service Contract (SESC No. 2012-08-020) on 19 Sept 2012 • Secured Memorandum of Agreement with Provincial Government of Ilocos Norte for the utilization of the land; • Conducted Third Party SIS, currently under review by NGCP • Acquired ECC from DENR, CNO from NCIP, Provincial, Municipal and Barangay Resolutions of Support, EPC Contract with LG CNS Co. Ltd., and proofs of negotiations/certifications with financial institutions for project financing • Secured Clearance from DOE for the conduct of GIS on 11 October 2012 • Acquired the DOE - Certificate of Confirmation of Commerciality on 12 Jul 2013 • Issued Confirmation of Commerciality on 12 July 2013 <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> • Conducted Groundbreaking Ceremony on Nov 2012 <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> • On-going negotiations for project financing • Total project cost is US\$51.9Million 	February 2016	Operational

Committed	Palauig Solar Power Plant	SPARC Solar Power Agri-Rural Communities	Morong, Bataan	5.02	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with Solar Energy Service Contract (SESC No. 2012-03-013) on 03 May 2012 Certificate of Commerciality No. SCC- 2015-10-036 dated 10 November 2015 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going construction (see FIT Monitoring Board) 	March 2016	Operational
Committed	Bulanao	DPJ Engineers and Consultants	Tabuk, Kalinga	1	<p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> ESA with Kalinga Apayao Electric Cooperative Inc. <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 11 March 2014; <ul style="list-style-type: none"> Already secured NCIP clearance <ul style="list-style-type: none"> DENR Permits Land lease Agreement Submitted Feasibility Study and 5-Yr Work Plan <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Financial Arrangement Secured <ul style="list-style-type: none"> Financing from DBP Project cost Php 293M <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Completed 	Feb 15-28, 2016	Operating since 28 Feb 2016 (Awaiting for COC)
Committed	Magat A	Isabela Electric Cooperative, Inc.	Ramon, Isabela	1.4	<p>CONSTRUCTION:</p> <ul style="list-style-type: none"> On-going rehabilitation 	February 2020	February 2020
Committed	Magat B	Isabela Electric Cooperative, Inc.	Ramon, Isabela	1	<p>CONSTRUCTION:</p> <ul style="list-style-type: none"> On-going rehabilitation 	February 2020	February 2020
Operational	SLPGC Coal-Fired Power Plant Phase I	Southwest Luzon Power Generation Corporation (Project Company)	Brgy. San Rafael, Calaca, Batangas	300	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> GIS approved by NGCP on 8 November 2011; ECC issued on 21 October 2011; Completed Feasibility Study July 2015; Awaiting for the approval of NGCP for the Dasmariñas-Calaca Reinforcement and right of way for the transmission lines; <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> Groundbreaking - May 2012; <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Secured on 24 February 2012 (60% Loan / 40% Equity); Project cost for Phase I is Php20.4B <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Hydro testing for the boiler - 25 April 2014; Embedded plate for turbine, ready for installation - Unit 1; Complete Seawater Intake - June 2014; On-going installation for panels - Unit II; Expected to complete Coal yard operation by Mid-May 2014; 	Unit I - April 2016 Unit II - April 2016 (Ongoing Testing and Commissioning)	Unit 1 - Aug 2016 Unit 2 - Aug 2016 (Awaiting ERC-COC)
Operational	Anda Power Corporation Cicularing Fluidized Bed Coal Fired Power Plant	Anda Power Corporation	Brgy. Bundagul, Mabalacat, Pampanga	82	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Asia Pacific Energy Corp was initially issued with ECC and subsequently transferred to ANDA based on the confirmation letter issued by DENR dated 18 February 2014; <ul style="list-style-type: none"> Awaiting Certificate of Compliance SEC Registration obtained on 10 May 2013 PEZA Registration obtained on 30 September 2013 WESM Registration obtained on 15 April 2015 NGCP Grid Connection obtained on 11 August 2015 <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> As of 13 July 2016, Anda has pending ERC applications on its contracted capacities with electric cooperatives and distribution utilities. Until such approval, Anda only supplies to WESM. <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> done <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT</p> <ul style="list-style-type: none"> EPC Contracts with Formosa Heavy Industries and True North Manufacturing Services Corporation <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Financial Arrangement Secured Total Project Cost- \$196,246,837.63; <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> March 2014; 	June 2015	Aug 2016 (Awaiting ERC Approval of PSA)

Operational since 18 Aug 2016	San Gabriel Avion Project	Prime Meridian PowerGen Corporation (Project Company) First Gen Corporation	Barangay Bolbok, Batangas	100	<p>FEASIBILITY STUDY:</p> <ul style="list-style-type: none"> Completed <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Off-taker: 100% WESM; <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> System Impact Study (SIS) was completed; Amendment of Philippine Ports Authority (PPA) charter to accommodate for the right of way for the project site is still for approval by the Office of the President; Engineering and design by the Contractors is ongoing finalization with parallel reviews being performed by PMPC and its Technical Consultants; <ul style="list-style-type: none"> Excavation and ground preparation works by the EPC contractor are ongoing; Procurement of plant equipment is continuing, with most of the major power plant components either being manufactured or are scheduled for delivery to the site; <ul style="list-style-type: none"> On 18 Feb 2016, PMPC received the renewed DENR Permit-to-Operate Air Pollution Source and Control Installations dated 28 January 2016; <ul style="list-style-type: none"> PMPC's ERC COC application is ongoing (Feb 2016); Permit-to-Operate and Certification from City Engineer's Office were received on 15 Feb 2016 with an official issuance date of 5 Feb 2016; <ul style="list-style-type: none"> PMPC's application for an Occupancy Permit from the City Engineer's Office is ongoing <p>FINANCING ARRANGEMENTS: Secured</p> <ul style="list-style-type: none"> Project cost is Php108 <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Delivery of the first of two (2) Gas Turbine and some ancillary equipment have arrived at the Port of Batangas on 5 October 2014 and are expected to be delivered to the site by 24 October 2014; <ul style="list-style-type: none"> Shipment of the 2nd Gas Turbine and ancillary equipment is expected to arrive at the port of Batangas by the end of October 2014; <ul style="list-style-type: none"> All test are conducted such as Seismic, Geological and Hydro tests; Seven (7) poles are to be set up for the transmission lines; Signing of Contract with Meiscor for the construction of transmission line April 22, 2014; <ul style="list-style-type: none"> Committed Arrival of the Turbine - September 2014; PMPC executed contracts with relevant parties and have ongoing negotiations with various other parties for completion of the plant; <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> Commencement of Construction will be on October 2013; <ul style="list-style-type: none"> Completion of facility on April 2015 Completion of testing and commissioning (with the availability of Natural gas from Malampaya) on May 2015 PMPC executed contracts with relevant parties and have ongoing negotiations with various other parties for completion of the plant. <ul style="list-style-type: none"> PMPC terminated EPC contracts with Istroenergo Group a.s. and Energy Project Completion Ltd. 	December 2015	Oct 2016 (Awaiting ERC-COC)
Operational since 7 Nov 2016	San Gabriel Power Plant (Phase II)	First NatGas Power Corp.	Santa Rita, Batangas	450	<p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Discussion with target off takers targeted for the first half of 2014; still on-going (17 June 2015); looking at teaming up with MERALCO and other potential offtakers and/or offer the available capacity to the spot market (WESM). <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Secured Clearance from DOE for the conduct of GIS on 18 February 2013 Engineering, Procurement and Construction (EPC) and Operations Maintenance (O&M) contracts already awarded on December 16, 2013 Ongoing application for the Permit to operate mechanical equipment such as boilers, pressure vessels etc from City Engineers office of Batangas; <ul style="list-style-type: none"> Ongoing application for COE and MOA from DOE; Ongoing application for ERC point to point connection of transmission lines for Sta. Rita, San Lorenzo switchyard; <ul style="list-style-type: none"> Ongoing negotiations with NGCP for contract metering and Transmission Service Agreement; <ul style="list-style-type: none"> SIS was approved by NGCP on 11 December 2013. Processing of the application of COC with ERC is ongoing. Technical inspection is targeted to be done in the 3rd week of May 2016 The application of First NatGas Power Corp (FNPC) to be a direct member of WESM was approved on 26 February 2016 <ul style="list-style-type: none"> San Gabriel achieved its first GT firing on 11 April 2016 First synchronization to the grid was achieved on 13 April 2016 Targeting to conduct its first combined-cycle operation on 04 May 2016 Awaiting approval from DENR Central Office of the assignment of foreshore lease between First Gas Power Corp and FNPC <ul style="list-style-type: none"> Permit to Operate application to the City Engineer's Office is ongoing. <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Financial Arrangement with kW Secured on 4 September 2014 Project cost is US\$600 Million; bilateral contracts on the grid and NGCP for station-use/feed-back power <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> 16 December 2013; 98.8% completed as of March 2016 	April 2016	November 2016 (Awaiting ERC-COC)
Committed	Dalayap Solar Power Project	NV Vogt Philippines Solar Energy Four, Inc. (NV VOGT 4)	Brgy. Dalayap, Tarlac City, Tarlac	7.48	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with RE Service Contract (SESC No. 2016-02-278) on 19 Feb 2016 Certificate of Commerciality No. SCC- 2016-03-049 dated 14 March 2016 	April 2016 (On-going Testing and Commissioning)	January 2017
Committed	Armenia Solar Power Project	NV Vogt Philippines Solar Energy Three, Inc. (NV VOGT 3)	Brgy. Armenia, Tarlac City, Tarlac	8.84	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with RE Service Contract (SESC No. 2016-02-227) on 19 Feb 2016 Certificate of Commerciality No. SCC- 2016-03-050 dated 14 March 2016 	April 2016 (On-going Testing and Commissioning)	January 2017

Committed	Sta. Rita Solar Phase 1 Power Project	Jobin-Sqm Inc.	Morong and Hermosa, Bataan	7.14	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with Solar Energy Service Contract (SESC No. 2013-10-039) on 30 October 2013; Certificate of Commerciality No. SCC- 2015-09-021 dated 28 August 2015; <p>CONSTRUCTION:</p> <ul style="list-style-type: none"> On-going construction (see FIT Monitoring Board) 	January 2017	January 2017 (Target Testing and Commissioning)
Committed	Prismc	PNOC-Renewables Corporation	Rizal, Nueva Ecija	1	<p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> Ground breaking held on 11 July 2014; Confirmed DOC on 4 September 2014; Rehabilitation <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> On-going construction activities 	September 2019	September 2019
Operational	Bataan Solar Power Project	Next Generation Power Technology Corp. (NGPT)	Brgy. Alas-asin, Mariveles, Bataan	18	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with RE Service Contract (SESC No. 2014-04-076) on 12 May 2014 Certificate of Commerciality No. SCC- 2016-03-048 dated 11 March 2016 	March 2016 (On-going Testing and Commissioning)	July 2017
Committed	Limay Power Plant Project Phase I	SMC Consolidated Power Corporation	Brgy. Lamao, Limay, Bataan	150	<p>FEASIBILITY STUDY: Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: 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>• For Unit 1 - ISECO-10MW, TARELCO I-10MW, TARELCO II-15MW, PENELCO-10MW, REAL STEEL-7MW, SMC (Various Facilities)-60.3MW; For Unit 2 – PENELCO-10MW, OCEANA GOLD-12.5MW, REAL STEEL-17MW, SMC (Various Facilities)-37.1MW; 188.9 TOTAL</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Environmental Impact Assessment completed; Topographic and Hydrographic completed; Soil Investigation completed; GIS/SIS submitted last 12 July 2013, under review of NGCP; Facility Study already sent to NGCP for review; EPC was executed in January 2013; awarded; ECC was issued on 17 September 2013; SEC issued last 19 August 2011 Clearance to Undertake GIS from DOE issued on 13 February 2013; Addendum for the re run of SIS was submitted to NGCP last Jan 30, 2015 for review; <p>GROUND BREAKING SCHEDULES:</p> <ul style="list-style-type: none"> Groundbreaking was held September 2014; <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> Financial Arrangement Secured (65% Loan / 35% Equity); Project cost is \$622.15M / Php25.508B <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Construction of the Project has been underway since January 2014; Construction Activities of Unit 1&2 x 150MW Power Plant - 2.30%; Design and Construction of Pier and Jetty Structure is 99.55%; <ul style="list-style-type: none"> Overall Piling Works is 52.29%; Turbine and Generator Building is 58.47%; Ash Dump Design and Construction - 100%; 	Unit 2 - 150 MW - May 2017 (Ongoing Testing and Commissioning)	Unit 2 - 150 MW - October 2017
Committed	CW Home Depot Solar Power Project	CW Marketing & Development Corp. (CW)	CW Home Depot, Brgy. Pulong, Sta. Rosa City, Laguna	1.675	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with RE Service Contract (SESC No. 2016-02-228) on 07 Mar 2016 Certificate of Commerciality No. SCC- 2016-03-054 dated 31 March 2016 COD is not yet determined due to current issues with FIT Eligibility 	September 2016 (On-going Testing and Commissioning)	January 2018
Committed	San Rafael Solar Power Plant	SPARC Solar Powered Agri-Rural Communities Corporation	San Rafael, Bulacan	3.82	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with Solar Energy Service Contract (SESC No. 2012-03-012) on 03 May 2012 Certificate of Commerciality No. SCC- 2015-10-035 dated 10 November 2015 COD is not yet determined due to current issues with FIT Eligibility <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <p>Operational</p>	July 2016 (On-going Testing and Commissioning)	January 2018

Committed	Morong Solar Power Plant	SPARC Solar Power Agri-Rural Communities	Morong, Bataan	5.02	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with Solar Energy Service Contract (SESC No. 2012-03-012) on 03 May 2012 Certificate of Commerciality No. SCC- 2015-10-037 dated 10 November 2015 COD is not yet determined due to current issues with FIT Eligibility <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <p>Operational</p>	June 2016 (On-going Testing and Commissioning)	January 2018
Committed	Sarrat Solar Power Project	Bosung Solartec, Inc. (BOSUNG)	Brgy. 21 San Marcos, Sarrat, Ilocos Norte	1	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Awarded with RE Service Contract (SESC No. 2016-02-276) on 19 Feb 2016 Certificate of Commerciality No. SCC- 2016-03-052 dated 22 March 2016 COD is not yet determined due to current issues with FIT Eligibility 	January 2018	January 2018 (Target Testing and Commissioning)