

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)

INDICATIVE

As of 31 March 2015

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			6,900.00			
Indicative	2 x 350 MW PCB Subcritical Coal-Fired Power Plant	H & WB ASIA PACIFIC (PTE LTD) CORPORATION	Jose Panganiban, Camarines Norte	700	<ul style="list-style-type: none"> -Pre-feasibility studies have conducted to determine the viability of the project; -land already secured and it has been re-classified as industrial; -Negotiations with MERALCO and Electric Cooperatives will be held on 3rd week of March; -issued clearance to undertake GIS on February 12, 2015; On-going securing of permits and other regulatory requirements; -Ongoing discussion with three potential co-developers and equity partners; -Ongoing sourcing of potential EPC Contractors; -Construction to commence on the 4th Quarter 2017; 	<p>Unit 1 - 3rd Quarter 2020</p> <p>Unit 2 - 1st Quarter 2025</p>	<p>Unit 1 - 3rd Quarter 2020</p> <p>Unit 2 - 1st Quarter 2025</p>
Indicative	4 X 150 MW Coal Fired Thermal Power Plant	JG Summit Holdings, Inc.	Brgy. Pinamukan Ibaba, Batangas City	600	<ul style="list-style-type: none"> -Project Timeline: Pre-Construction Phase (8 months)- 1. construction of EIA study and permitting; 2. Design and Engineering; 3. Commissioning of EPC Contractor (Phase 1 and Phase2); Construction Phase (12 months) - Civil Works and plant equipment installation; Operation Phase (design life) - 1. Start-up and unit synchronization; 2. Commercial Operation; - Conduct of public Scoping with Stakeholder representatives - 10 October 2013; -Conduct of Technical Scoping with EMB and EIA Rev Com - 6 November 2013; -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; -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; -On-going negotiations for the financing arrangements and other permits; -On-going securing of regulatory requirements; 	<p>Unit 1 - June 2018</p> <p>Unit 2 - Dec 2018</p> <p>Unit 3 - June 2019</p> <p>Unit 4 - Dec 2019</p>	<p>Unit 1 - June 2018</p> <p>Unit 2 - Dec 2018</p> <p>Unit 3 - June 2019</p> <p>Unit 4 - Dec 2019</p> <p>(Target Testing & Commissioning Date)</p>
Indicative	2 X 20 MW FDC Camarines CFB Coal Power Plant	FDC Utilities, Inc.	Camarines Sur	40	<ul style="list-style-type: none"> -Completed technical and financial study; -Acquisition of project site ongoing; -Signed supply contract with franchised electric cooperative; -On-going negotiations for the financing arrangements and other permits; -Selection of EPC Contractor to commence after award of EPC contract for Danao; -Clearance to Undertake GIS from DOE issued on 29 December 2011; -On-going feasibility study and plant site evaluation; -On-going securing of regulatory requirements; -Other required permits and endorsement to be secured upon completion of pre-con activities; 	March 2016	TBA
Indicative	2 X 300 MW Coal-Fired Power Plant	Redondo Peninsula Energy, Inc.	Sitio Naglatore, Cawag, Subic Bay Freeport Zone	600	<ul style="list-style-type: none"> -Feasibility study completed; -Project Site is leased from the Subic Bay Metropolitan Authority; 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; Engineering, Procurement and Construction (EPC) contract negotiations finalized; -Site preparation construction on-going, construction commenced on Q3 2013; -On-going financing arrangements; -Started discussions with the Manila Electric Company for sale of power; 52% owned by Meralco PowerGen Corp. (MPGC); -Target Commencement of Construction will be Dependent on Supreme Court decision on Writ of Kalikasan Case; -Project cost Php50B / \$1.2B 	<p>Unit I - October 2016</p> <p>Unit II - December 2016</p> <p>(Target Commencement of Construction will be Dependent on Supreme Court decision on Writ of Kalikasan Case.)</p>	<p>Target Commercial Operation will be Dependent on Supreme Court decision on Writ of Kalikasan Case;</p>
Indicative	2 X 150 MW SLPGC Coal-Fired Power Plant Phase II	Southwest Luzon Power Generation Corporation (Project Company)	Brgy. San Rafael, Calaca, Batangas	300	<ul style="list-style-type: none"> -Property is currently under Land Lease Agreement (LLA) between Sem-Calaca Power Corporation (SCPC) with PSALM; -On-going negotiations with prospective off-takes (DUs and those currently with PSAs and contestable market under Open Access Regime); -ACQUIRED Permits: SEC Registration - Aug 2011; ECC application approved 21 Oct. 2011; Issued COE for BOI on 11 March 2013 under the name of SLPGC; ECC application approved 21 Oct. 2011; -On-going securing other necessary permits; -On-going financing negotiations with prospective banks; -On-going negotiation with prospective EPC; -Target NTP - End of 2013; -Project cost for Phase II is Php19.864B 	<p>Unit I - 2016</p> <p>Unit II - 2016</p>	2017
Indicative	2 X 300 MW Masinloc Expansion	AES Masinloc Power Partners Co., Inc.	Zambales	600	<ul style="list-style-type: none"> -Feasibility studies completed Feb 2011; -Grid Impact Studies obtained on 7 January 2011; -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; 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; -Selection of EPC Contractor on going; -Commencement of Construction: 2nd Qtr 2014; -Undergoing consultation with international / local banks; -Project cost is Php49.45B 	<p>Unit 3 (300 MW) - October 2017</p> <p>Unit 4 (300 MW) - October 2017</p>	<p>3rd Quarter of 2017</p> <p>(Target Testing and Commissioning)</p>

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Indicative	1x300 MW Coal Power Plant	Lucidum Energy, Inc.	Silanguin Bay, Zambales	300	<ul style="list-style-type: none"> -The target date for the feasibility study is set by the end of October; -Arrangement fo Securing the Required Land: 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; -Marketing of Generating Facilities: 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; -Permits and Other Regulatory Requirements: 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; -Financing Arrangements: 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; -Construction Contracts for Plants and Equipment are on hold pending the completion of detailed Engineering Studies; -Commencement of Construction will be based upon completion of the Feasibility Study and the Assessments of the financing companies involved; Project Cost is US\$ 600,000,000.00	June 2017	June 2017 (Target Testing & Commissioning)
Indicative	San Buenaventura Power Ltd. Co. (SBPL) Project	San Buenaventura Power Ltd. Co. (SBPL)	Mauban, Quezon	460	<ul style="list-style-type: none"> -Completed Selection Study in 2012;Coal Sourcing Study completed in 2012; -System Impact Study completed in 2007 and is being revalidated in 2013; Facility Study to be done in 2014; -Project will be located within the existing site; -Clearance to Underatake GIS from DOE issued on 7 March 2013; - 20 years + 5-year extension PSA with MERALCO as offtaker; Awaiting for the ERC approval of their PSA with MERALCO;SBPL has signed a PSA with Meralco on 29 May 2014; - No need for the additional transmission infra since they will be using the existing transmission infrastructure connected to QPPL; - Permits and Other Regulatory Requirements: 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; Request for Amendment to upgraded technology submitted to EMB on 18 June 2013; Additional information requested by EMB on 31 July 2013;QPL is in the process of preparing the documents;Secured Sanggunian Bayan Resolution No. 2014-269 endorsing the project to expand; -Financing arrangements under development; Financing arrangements is expected to be secured only after the ERC issues the final approval; -Owner's Engineer selected; EPIC bids received in November 2013; SIS completed in 2007 and is being revalidated;Municipal LGU endorsement issued April 19, 2005; Award EPC contract estimate September 2013; -Commencement of Construction Target: end of 2014;Expect to commence construction only after the ERC issues the final approval;and will take 4 years to fully complete the construction of the plant; - ECC issued on 4 June 2007;ECC extension of validity issued on 31 May 2012 and valid until 4 June 2015; Request for Amendment to upgrade technology was submitted to EMB on 17 February 2014;Request to assign the ECC for new project was requested on 2 June 2014;Additional documentation submitted to EMB on 7 August 2014; -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; -ERC application was filed on 2 June 2014; Financing arrangements is expected to be secured only after the ERC issues the final approval; -Owner's Engineer selected; EPC bids received in November 2013; EPC Contract signed October 2014; Project cost is Php37.8B	March 2018	June 2018

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Indicative	2 X 600 MW Mariveles Expansion Project	GNPower Mariveles Coal Plant Ltd. Co.	Mariveles, Bataan	1200	<ul style="list-style-type: none"> -On-going presentation/proposal submissions to potential customers; -Clearance to Undertake GIS from DOE issued on 26 June 2013; -Obtained LGU endorsements; BOI registration for 600 MW pre-approved;On-going SIS; -On-going EIS for ECC application; Arrangements for securing the required land will be acquired by an affiliate Filipino company of GNPower; -On-going negotiation with tenders; -On-going finalization of EPC Contract; Commercial operation by 2018; -Project cost is \$1B 	2018	2018	
Indicative	2 x 600 MW (net) Coal-Fired Power Plant	Meralco PowerGen Corporation (Project Company: Atimonan One Energy	Atimonan, Quezon	1,200	<ul style="list-style-type: none"> -Feasibility Study completed as of 21 Jan -15; -On-going securing of ECC; SEC already amended; -Energy to be sold to DUs and electric cooperatives - Acquisition of the parcels of the land in the target plant site in Atimonan, Quezon is on-going (expanding); Financing discussion on-going -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. -Discussion of PSA with potential off-takers on-going; Informal discussions have begun with several banks with respect to the financing of the project.; been appointed; EPC pre-qualification process on-going targeted to start in 2016 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);No contracts have been awarded to date re: EPC; still on-going -The parties have yet to agree on when construction will commence; -On-going negotiations with lenders; 	<ul style="list-style-type: none"> -Owner's Engineer has -On-site works -EIS 	2019	2019
Indicative	300 MW Limay Power Plant Project Phase II (2x150MW)	SMC Consolidated Power Corporation	Brgy. Lamao, Limay, Bataan	300	<ul style="list-style-type: none"> -Completed Feasibility Study; - 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: 1) Handover of site for Unit 1 is 31 Oct. 2014;2) Handover of Site for Unit 2 is 28 February 2015;3) 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; -Land acquisition completed; -On-going electric power supply contract negotiation with prospective off-takers (DUs); -On-going negotiations for financing arrangements - securing project financing 70:30 Debt-equity ratio; -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 an dother 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; -Date of Ground Breaking: 3rd Week of September 2013; -Project cost is Under Planning and Budget Review; 	<ul style="list-style-type: none"> Unit 1 - December 2016 Unit II - May 2017 	<ul style="list-style-type: none"> Unit 1 - December 2016 Unit II - May 2017 (Target Testing & Commissioning) 	
Indicative	600 MW Limay Power Plant Project Phase III (2x300MW)	SMC Consolidated Power Corporation	Brgy. Lamao, Limay, Bataan	600	<ul style="list-style-type: none"> -Completed Feasibility Study; - 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; -On-going electric power supply contract negotiation with prospective off-takers (DUs); -On-going negotiations for financing arrangements - securing project financing 70:30 Debt-equity ratio; -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 an dother 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; -Date of Ground Breaking: 3rd Week of September 2013; -Project cost is Under Planning and Budget Review; 	<ul style="list-style-type: none"> Unit 1 - October 2017 Unit II - December 2017 	<ul style="list-style-type: none"> Unit 1 - October 2017 Unit II - December 2017 (Target Testing & Commissioning) 	

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	OIL			150.00			
Indicative	Aero Derivative Combined Cycle Power Plant	Calamba Aero Power Corporation	Calamba, Laguna	150	-On-going securing of permits and other regulatory requirements; -Granted clearance by DOE for the conduct of GIS; -Project cost is Php5.67B	TBA	TBA
	NATURAL GAS			3,715.00			
Indicative	2 x 1,200 MW Combined Cycle Gas Turbine Power Plant Project	Atlantic, Gulf and Pacific Company of Manila, Inc	Limay, Bataan (PNOC-AFC Industrial Estate)	2,400	-On-going Feasibility Study; Secured Clearance to Undertake GIS from DOE on 3 June 2013; -Awaiting for review and approval of conversion of PNOC ECC from Petro Chemicals to LNG for Power ; -AG&P has made major financial commitments to the development of the new power plant project at Bataan which includes expert third parties to provide: (i) market data for electricity; (ii) technical feasibility and initial design studies for the project development; (iii) environment support and permitting and (iv) market study on LNG supplies; -Details of off-takers for electricity are still being considered;	Unit 1 - March 2017 Unit II - March 2018	Unit 1 - October 2017; Unit 2: October 2018;
Indicative	415 MW San Isidro Combined Cycle Gas Turbine Plant Project	Trans Asia Oil and Energy Development Corporation (TAOil)	Pilipinas Shell Petroleum Co.'s Tabangao Refinery, Brgy. San Isidro and Tabangao-Ambulong, Batangas City	415	-Development of the LNG Import Terminal shall be done by Shell; - Work on the CCGT development by TAOil is proceeding; -TAOil and its Consultants is performing a Feasibility and Pre-Engineering Study; -Clearance to Undertake GIS from DOE issued on 24 September 2013; -The process to obtain an Environmental Compliance Certificate from the DENR, and a Grid Impact Study is currently underway; -Will operate as both a Merchant and Contracted power facility. Hence, electricity produced will be sold to both to the WESM and thru long term bilateral contracts. TAOil will be the sole marketer of electricity generated from this power facility;	September 2017	Third Quarter of 2017
Indicative	2x450 Sta. Maria Power Plant (Phase II) 2x450 San Gabriel Power Plant (Phase II)	First Gen Ecopower Solutions Inc.	Santa Rita, Batangas	900	-On-going Feasibility Study; -Secured Clearance from DOE for the conduct of GIS on 18 February 2013 ;	1st Unit-2017 2nd Unit-2019	1st Unit-2017 2nd Unit-2019 (Target Testing and Commissioning)

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	GEOTHERMAL			120.00			
Indicative	Bacman 3 (Tanawon) Geothermal Project	Energy Development Corporation	Guinlajan, Sorsogon	40	-On-going Feasibility Study; DOE Service Contract within GRESC # 2009-10-003; -LGU endorsement, Land Use Permits, DENR-ECC, and Water Rights obtained; -Turnkey Contract pending result of feasibility study; - EDC submitted the Declaration of Commerciality (DOC) on 17 June 2014, evaluation by DOE of the DOC is still on-going; - Project to be finance by EDC; - Target commencement of construction on 1st half of 2015; -Project cost estimated \$200M	December 2016	2nd Quarter 2017 (Target Testing and Commissioning)
Indicative	Rangas Geothermal Project	Energy Development Corporation	Bacon District, Sorsogon, Sorsogon City	40	-On-going Feasibility Study; 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; -Project financing pending result of feasibility study; - Target commencement of construction on 1st half of 2015; -Project cost is subject to the result of the feasibility study;	June 2017	1st Quarter 2018 (Target Testing and Commissioning)
Indicative	Kayabon Geothermal Project	Energy Development Corporation	Manito, Albay	40	-On-going Feasibility Study; 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; -Target commencement of construction on 2nd half of 2017; -Clearance to Undertake GIS from DOE issued on 7 October 2011; -Project cost is subject to the result of feasibility study;	December 2019	2nd Quarter 2019 (Target Testing and Commissioning)
	HYDROPOWER			174.16			
Indicative	Ibulao Hydroelectric Power Project	Hydrocore, Inc.	Lagawe, Ifugao	4.5	-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. Also 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; -On-going construction (Pre-construction - 100%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	May 2015	May 2015 (Target Testing and Commissioning)
Indicative	Dupinga Hydroelectric Power Project	Constellation Energy Corporation	Gabalidon, Nueva Ecija	3	-Issued Confirmation of Commerciality on 26 June 2013; -Already secured LGU Endorsements, DENR Environmental Compliance Certificate, NCIP Certificate of Compliance, and NWRB Permit. Also submitted Feasibility Study and 5-Yr Work Plan; -Submission of lacking requirements e.g. permits in progress; -Construction Progress (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ; -On-track with the schedule with regards to the permitting; on-going conduct of pre-construction activities such as permittings; Issued confirmation of Commerciality on 26 June 2013 e.g. permits in progress	October 2015	October 2015 (Target Testing and Commissioning)
Indicative	Main Aklan	Sunwest Water & Electric Co., Inc.	Libacao, Albay	15.0	-Issued Confirmation of Commerciality on 19 September 2013; -Clearance to Undertake GIS from DOE issued on 25 March 2013; -Submission of lacking requirements e.g. permits in progress; -Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	July 2016	July 2016 (Target Testing and Commissioning)
Indicative	Tinoc 1	Quadriver Energy Corp.	Tinoc, Ifugao	4.1	-Issued Confirmation of Commerciality on 09 August 2013; -Already secured LGU Endorsement, DENR ECC, NWRB Permit and NCIP Clearance. Submitted Feasibility Study, Detailed Engineering Design and 5-Yr Work Plan; -Clearance to Undertake GIS from DOE issued on 11 July 2011; -Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	April 2018	April 2018 (Target Testing and Commissioning)
Indicative	Tinoc 2	Philnew Hydro Power Corporation	Tinoc, Ifugao	11.0	-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; -Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	December 2016	December 2016 (Target Testing and Commissioning)
Indicative	Tinoc 3	Quadriver Energy Corp.	Tinoc, Ifugao	5.0	-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; -Construction Progress (Pre-construction - on-going, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	June 2017	June 2017 (Target Testing and Commissioning)
Indicative	Tinoc 4	Philnew Hydro Power Corporation	Tinoc, Ifugao	5.0	-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; -Construction Progress (On going Pre-construction, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	April 2018	April 2018 (Target Testing and Commissioning)
Indicative	Tinoc 5	Philnew Hydro Power Corporation	Tinoc, Ifugao	6.9	-Ongoing pre-construction activities -Submission of lacking requirements e.g. permits in progress; -	January 2020	January 2020
Indicative	Tinoc 6	Philnew Hydro Power Corporation	Tinoc, Ifugao	8.0	-Ongoing pre-construction activities -Submission of lacking requirements e.g. permits in progress; -	January 2020	January 2020
Indicative	Alliem	Philnew Hydro Power Corporation	Alliem, Ilocos Sur	16.2	-Ongoing pre-construction activities -Submission of lacking requirements e.g. permits in progress; -	January 2020	January 2020
Indicative	Pinacanauan	Sunwest Water & Electric Co., Inc.	Peñablanca, Cagayan	6.0	-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; -Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	July 2017	July 2017 (Target Testing and Commissioning)

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Indicative	Tignoan HEP	Aurora All Asia Energy Corp.	Real, Quezon	20.0	-currently on-going Preparation of Business Plan; -On-going negotiations of Business Financing Arrangement; -Clearance to Undertake GIS from DOE issued on December 2014;	Jul-05	Jul-05
Indicative	Colasi	Colasi Mini Hydro Electric Power Plant Corporation	Mercedes, Camarines Norte	1.0	On-going rehabilitation; -Submission of lacking requirements e.g. permits in progress; -Clearance to Undertake GIS from DOE issued on 3 December 2012;	February 2019	February 2019 (Target Testing and Commissioning)
Indicative	Majayjay	Majayjay Hydro Power Company, Inc.	Majayjay, Laguna	2.2	-On-going pre construction activities; Submission of lacking requirements e.g. permits in progress;	April 2019	April 2019 (Target Testing and Commissioning)
Indicative	Biyao	AV Garcia Power Systems Corp.	Balaban, Kalinga	0.8	-Issued Confirmation of Commerciality on 01 August 2014; -Submission of lacking requirements e.g. permits in progress; -Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ; -Ongoing construction	TBD	TBD
Indicative	Kapangan HEP	Cordillera Hydro Electric Power Corporation (COHECO)	Kapangan & Kibungan, Benguet	60.0	-Issued Confirmation of Commerciality on 13 February 2014; -Submission of Lacking requirements e.g. permits in progress; -Clearance to Undertake GIS from DOE issued on 3 December 2012; -On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	Apr-18	Apr-18
Indicative	Ranggas	Clean and Green Energy Solutions, Inc.	Goa & Tigaon, Camarines Sur	1.5	-Submission of lacking requirements e.g permits in progress; - -	Jun-19	Jun-19
Indicative	Abdao HEP	AV Garcia Power Systems Corp.	Tabaan Sur, Tuba, Benguet	1.0	-Issued Confirmation of Commerciality on 5 September 2014; -Submission of Lacking requirements e.g. permits in progress; -On-going pre construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	TBD	TBD

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Indicative	Barit (Irrigation Discharge) Hydroelectric Power Project	NASCENT Technologies Corporation	Buhi, Camarines Sur	0.4	-Issued Confirmation of Commerciality on 24 September 2014; -Submission of Lacking requirements e.g. permits in progress; -On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014 ;	Sep-19	Sep-19
Indicative	2.6 MW Maapon River Mini-Hydro Power Project (MHP)	Renesons Energy Corporation	Brgy. Pils, Lucban, Quezon	2.6	-DOE issued Certificate of Endorsement for CoC on May 2014;	TBA	TBA
Indicative	Tumauni (Lower Cascade)	Quadriver Energy Corp.	tumauni, Isabela	7.8	-On-going pre-construction activities; -Submission of Lacking requirements e.g. permits in progress;	Oct-19	Oct-19
Indicative	Tumauni (Upper Cascade)	Quadriver Energy Corp.	tumauni, Isabela	14.0	-On-going pre-construction activities; -Submission of Lacking requirements e.g. permits in progress;	Oct-19	Oct-19
Indicative	Kapipian	Sunwest Water & Electric Co., Inc.	San Miguel, Catanduanes	2.4	-Issued Confirmation of commerciality on 26 January 2015; -on going permitting;	Jan-20	Jan-20
Indicative	Ilaguen	Isabela Power Corporation	San Mariano & San Guillermo	19.0	-Issued Confirmation of commerciality on 18 February 2015; -on going permitting;	Feb-20	Feb-20
Indicative	100 Alimit	SN Aboitiz Power Ifugao	Lagawe, Ifugao	100.0	-Completed Pre-FS; 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	TBA	Jan-21
Indicative	240 Alimit	SN Aboitiz Power Ifugao	SN Aboitiz Power-Ifugao	240.0	-Completed Pre-FS; 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	TBA	Jan-21
Indicative	10 MW Oilicon HEPP	SN Aboitiz Power Ifugao	SN Aboitiz Power-Ifugao	10.0	-Completed Pre-FS; 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	TBA	Jan-21
Indicative	Maris Main Canal 1 HEP	SN Aboitiz Power Generation	Ramon, Isabela	6.0	-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; -Feasibility design completed; technical studies completed; -Pre Development Stage cost 25 M PHP	TBA	TBA
Indicative	Maris Main Canal2 HEP	SN Aboitiz Power Generation	Alfonso Lista, Ifugao	1.8	-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; -Feasibility design completed; technical studies completed; -Pre Development Stage cost 25 M PHP	TBA	TBA
SOLAR				54.10			
Indicative	Currimao Solar Photovoltaic Power Project	Mirae Asia Energy Corporation	Currimao, Ilocos Norte	20	-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; Completed feasibility study; 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; -Conducted Groundbreaking Ceremony on Nov 2012; - Acquired the DOE -Certificate of Confirmation of Commerciality on 12 Jul 2013; -On-going construction; Construction Stage as of 30 September 2014(Pre-Construction -25% completed, Construction-0% completed, Interconnection - 0% completed); -Issued Confirmation of Commerciality on 12 July 2014; -Pre-construction stage 25 % completed as of 31 March 2014; -On-going negotiations for project financing; -Total project cost is US\$51.9Million;	July 2015	July 2015 (Target Testing and Commissioning)

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)

INDICATIVE

As of 31 March 2015

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Burgos Solar Power Project	Energy Development Corporation	Burgos, Ilocos Norte	4.1	-Awarded with Solar Energy Service Contract (SESC No. 2014-07-088) on 06 August 2014; -Filed Declaration of Commerciality on 29 August 2014 (under evaluation);	March 2015	March 2015 (Target Testing and Commissioning)
Indicative	Macabud Solar Photovoltaic Power Project	ATN Philippines Solar Energy Group, Inc.	Brgy. Macabud, Rodriguez, Rizal	30	-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 and DAR, EPC Contract, and proofs of negotiations/certifications with financial institutions for project financing; -Completed feasibility study; -Acquired the DOE Certificate of Confirmation of Commerciality on 27 Jun 2013; -On-going construction; Construction Stage as of 30 September 2014(Pre-Construction -80% completed, Construction-0% completed, Interconnection - 0% completed); -Clearance to Undertake GIS from DOE issued on 17 October 2011; -On-going negotiations or connection agreement, project financing, ROW, and PPA with MERALCO in the absence of REPA; -On-going negotiations for project financing, connection agreement and ROW; - Facility Study is under review by NGCP; DIS/DAS with MERALCO is on-going; -Negotiations for financial closing is on-going; Pre-construction 65% completed as of 31 March 2014; -Total project cost is US\$70.0 Million;	February 2016	February 2016 (Target Testing and Commissioning)

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)

INDICATIVE

As of 31 March 2015

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
WIND					249.00		
Indicative	Balaoi Wind Power Project	Northern Luzon UPC Asia Corporation	Brgy. Balaoi, Pagudpud, Ilocos Norte	45	<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; -Completed detailed feasibility study; -Acquired various LGU permits and resolutions of support, NCIP Certificate of Non-Overlap on 15 Jan 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; -Submitted proofs of negotiations/certifications from banks for project financing; - Acquired DOE Certificate of Confirmation of Commerciality on 02 December 2013; -On-going construction - 17.33% as of 30 September 2014; Construction Stage as of 30 September 2014(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; -Acquired DOE Certificate of Confirmation of Commerciality on 02 December 2013; -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); -EPC, O&M, Owner's Engineer Contract/Agreement: 30% completed as of December 2014 (detailed Design Complete, Environmental Studies Complete); -Connection Agreement:NGCP is conducting SIS prior to signing of Connection Agreement; -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); -Overall Accomplishments: 17.33% completed as of 31 December 2014; -Total project cost is US\$139.5Mmillion; 	September 2015	September 2015 (Target Testing and Commissioning)
Indicative	Phase 1: Pasuquin East Wind Power Project	Energy Logics Philippines, Inc.	Pasuquin, Ilocos Norte	48	<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; Completed the feasibility study; 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-ROW as per Workplan; - Acquired DOE Certificate of Confirmation of Commerciality on 02 December 2013; -Negotiation for financial closing is on-going -On-going construction; Construction Stage as of 30 September 2014(Pre-Construction - 39% completed, Construction-0%, Interconnection-0%);On-going negotiation for project financing and acquisition of TL-ROW as per Work Plan; - Project cost is Php6.048B; 	October 2015	October 2015 (Target Testing and Commissioning)
Indicative	Sembrano Wind Power Project (Formerly: Phase 2: Mabitac Wind Power Project)	Alternergy Sembrano Wind Corporation	Mt. Sembrano, Mabitac, Laguna	72	<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; -AWOC to finance the implementation of the project with 100% equity; -Interconnection Agreement with MERALCO last 1 March 2012; -EPC and O&M Contract with consortium of Nordex SE and McConnell Donnell last 11 July 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; -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; -Amended the Contract Area and assigned partially to Alternergy Sembrano Wind Corporation ASWC-WESC No. 2009-09-018-AP2 on 27 February 2014 - Project cost is Php7.056B; -Acquired DOE Certificate of Confirmation of Commerciality on 13 February 2014; -Negotiations for financial closing is on-going; 	April 2017	April 2017 (Target Testing and Commissioning)
Indicative	Pagudpud Wind Power Project	EDC Pagudpud Wind Power Corporation	Brgy. Balaoi and Caunayan, Pagudpud, Ilocos Norte	84	<ul style="list-style-type: none"> -Awarded with Wind Energy Service Contract (WESC No. 2010-02-040) on 19 Feb 2010; -On-going construction; Construction Stage as of 30 September 2014(Pre-Construction - 20% completed, Construction-0%, Interconnection-0%); -Construction shall commence upon completion of Burgos Project; -Conducted detailed wind resource assessment; -Completed detailed feasibility study; -Acquired various LGU permits and resolutions of support, DENR Environmental Compliance Certificate; - Acquired DOE Certificate of Confirmation of Commerciality on 13 June 2014; 	December 2018	December 2018 (Target Testing and Commissioning)
BIOMASS					18.00		
Indicative	20 MW Waste-to-Energy Project using Thermal Gasifier Conversion	CJ Global Green Energy Philippine Corp.	Camarines Sur	18	<ul style="list-style-type: none"> -Financially Closed; -For construction; 	December 2015	December 2015 (Target Testing and Commissioning)
Indicative	2 MW ACNPC WTE Biomass Power Plant Project	Asian Carbon Neutral Power Corporation	Tarlac	1.5	<ul style="list-style-type: none"> -For construction; 	2017	2017

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)

INDICATIVE

As of 31 March 2015

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	12 MW Rice Husk-Fired Biomass Power Plant Project	Grass Gold Renewable Energy Corp	Nueva Ecija	10.8	-For construction;	2017	2017
Indicative	12 MW Napier Grass-Fired Biomass Power Plant Project	CleangreenEnergy Corporation	Bataan	10.8	For construction	2018	2018

Total Indicative Rated C 11,380.26