

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)
COMMITTED
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			1,372.00			
Committed	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
Committed	2 X 150 MW SLPGC Coal-Fired Power Plant Phase I	Southwest Luzon Power Generation Corporation (Project Company)	Brgy. San Rafael, Calaca, Batangas	300	<ul style="list-style-type: none"> -Financial Arrangement Secured on 24 February 2012 (60% Loan / 40% Equity); -GIS approved by NGCP on 8 November 2011; -Awaiting for the approval of NGCP for the Dasmariñas-Calaca Reinforcement and right of way for the transmission lines; -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; -230 kV Switchyard steel super structure is substantially completed; -On-going negotiations with prospective off-takes (DUs and those currently with PSAs and contestable market under Open Access Regime); -Site Mobilization / Commencement of Construction on May 2012; -Project Progress as of 31 August 2014 - 86.7%; -Completed Steam Turbine Bed Plate Locating-Unit II; Completed Boiler Test Hydro Test - Unit II;On-going installaton of CW Piping;On-going Central Control Room Civil Works;Assembly and alignment of turbne on September 2014;On-going erection/assembly of gantry steel structure (beam and columns) and equipment pedestal steel structure;DCS Cabinet Unit 1 to be energized by the end of August 2014; -Groundbreaking - May 2012; -Project cost for Phase I is Php20.4B 	Unit I & II - December 2014	Unit 1 - 15 April 2015 Unit 2 - 30 June 2015;
Committed	135 MW Puting Bato Coal Fired Power Plant Phase II	South Luzon Thermal Energy Corp. (SLTEC)	Brgy. Puting Bato West, Calaca, Batangas	135	<ul style="list-style-type: none"> -GIS approved by NGCP on 17 May 2013; -Started Construction on August 2013; -Construction Duration - 28 Months; -Delivered Boiler Stream Drum - 22 April 2014; Delivery of Turbine - 2nd week of September 2014; -EPC works as of 31 August 2014: 64.05% completed; -Turbine Generation House - On-going construction; -Boiler Structure: On-going Construction; -Coal yard-98% completed (as of August 2014);- On-going Construction; Downcomer pipes installed; Awaiting for ESP structure; Chimney Foundtion - 3.7m; -Material Receiving Facility - 99.59% completed; -Groundbreaking Target Date - August 2013; -Project cost is Php 9.6B 	August 2015	November 2015

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Committed	Anda Power Corporation's 82 MW Circulating Fluidized Bed Coal Fired Power Plant	Anda Power Corporation	Brgy. Bundagul, Mabalacat, Pampanga	82	<ul style="list-style-type: none"> - Financial Arrangement Secured ; - On-going negotiations with offtakers; - Awaiting for the review report of NGCP of the SIS (Unit 1 to be included in the simulation in the SIS); - Commencement of Construction: March 2014; - Total Project Cost- \$196,246,837.63; 	June 2015	June 2015
Committed	300 MW Limay Power Plant Project Phase I (2x150MW)	SMC Consolidated Power Corporation	Brgy. Lamao, Limay, Bataan	300	<ul style="list-style-type: none"> -Financial Arrangement Secured (65% Loan / 35% Equity); -Environmental Impact Assessment completed; Topographic and Hydrographic completed; Soil Investigation completed; -GIS/SIS submitted last 12 July 2013, under review of NGCP; -Site development in terms of physical accomplishment as of 26 September 2014 is 74.14%; Construction Activities of Unit 1&2 2 x 150MW Power Plant - 2.30%; Design and Construction of Pier and Jetty Structure is 67.59%; Engineering Design & Manufacturing of Parts - 71.49%; Ash Dump Design and Construction - 100%; - Facility Study already sent to NGCP for review; -EPC was executed in January 2013; awarded; -ECC was issued on 17 September 2013; -Groundbreaking was held September 2014; Construction of the Project has been underway since January 2014; -SEC issued last 19 August 2011; -Land acquisition completed; -On-going electric power supply contract negotiation with prospective off-takers (DUs); -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; -Project cost is \$622.15M / Php25.508B 	Unit 1 - 150 MW - May 2016 Unit 2 - 150 MW - October 2016	Unit 1 - 150 MW - August 2016 Unit 2 - 150 MW - January 2017
Committed	1 x 420 MW Pagbilao Coal-Fired Thermal Power Plant	Pagbilao Energy Corporation	Pagbilao Power Station, Nrgy. Ibabang Polo, Pagbilao, Quezon	420	<ul style="list-style-type: none"> -Financial Arrangement Secured with various lenders on 30 July 2014; All conditions precedent have been fulfilled/satisfied; First and second drawdowns completed; -Estimated Net Capacity: 400MW; -Feasibility Study completed; -Marketing of Generating Capacities: Contract with off-takers completed, Supply agreement executed; -Permits & Other Regulatory Requirements: 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; -In final negotiations with NPC, PSALM, TeaM Energy Corporation and Therna Luzon, Inc. to co-locate the plant in the existing Pagbilao Power Station; Marketing of Generating Capacities: 50% of the plant's capability will be sold to Therna Luzon Inc. and other 50% will be sold to TeaM (Phils.) Energy Corporation; Construction Contracts for Plant & Equipment: Completed and executed; Notice to Proceed and Commencement Notice issued to EPC Contractor; Down Payment already released to EPC contractor; -Target Commencement of EPC and Construction: 30 May 2014; Ground Breaking Date: 23 July 2014 -Estimated Project Cost: US\$ 1,000,000,000.00 	Between May to November 2017	November 2017

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	NATURAL GAS			1,150.00			
Committed	Pagbilao 600 MW Combined Cycle Gas Fired Power Plant Proposed 3x200 MW CCGT Power Plant	Energy World Corporation	Brgy. Ibabang Polo, Grande Island, Pagbilao, Quezon	600	<ul style="list-style-type: none"> -Financial Arrangement Secured : Financing equity will be 100% sourced from EWC; - GIS for 300MW issued by NGCP on 8 August 2013 and revised on 3 July 2013 for 600MW ; 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; -Land is already secured with a long lease entered into since 2007; -Commencement of Construction: December 2013; -Off-taker: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; Permits and Regulatory Requirements: 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; On-going processing of ECC for power plant; On-going processing -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; -Project Cost:\$300M 	June 2015:1st Unit 200MW, 'Dec 2015:2nd Unit 200MW 'Dec 2016:3rd Unit 200MW	February - June :1st Unit -200MW, 'Dec 2015:2nd Unit-200MW 'Dec 2016:3rd Unit-200MW
Committed	100 MW San Gabriel Avion Project	Prime Meridian PowerGen Corporation (Project Company) First Gen Corporation	Barangay Bolbok, Batangas	100	<ul style="list-style-type: none"> -Financial Arrangement Secured : -Secured Clearance from DOE for the conduct of GIS on 21 June 2011; -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; 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; 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;Shipment of the 2nd Gas Turbine and ancillary equipment is expected to arrive at the port of Batangas by the end of October 2014; -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 Meisacor for the construction of transmission line April 22, 2014; -Committed Arrival of the Turbine - September 2014; -Off-taker: Discussion with target off-takers on-going; -Commencement of Construction will be on October 2013; -Completion of facility on April 2015 -Completion of testing and commissioning (with the availability of Natural gas from Malampaya) on May 2015 cost is Php10B 	May 2015 (Target Commercial Operation)	15 June 2015
Committed	1x450 San Gabriel Power Plant (Phase II)	First NatGas Power Corp.	Santa Rita, Batangas	450	<ul style="list-style-type: none"> -Financial Arrangement with kW Secured on 4 September 2014 : -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 -SIS was approved by NGCP on 11 December 2013. ; -Commencement of Construction: December 2013; -Off-taker:Discussion with target off-takers targeted for the first half of 2014; -Construction of the Project has been progressing with site preparation and foundation works; - Project cost is US\$600 Million; 	4Q 2015 - 1Q 2016	June 2016

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	HYDROPOWER			33.20			
Committed	Sabangan	Hedcor Sabangan, Inc.	Sabangan, Mt. Province	13.2	-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; -	June-15	June-15
Committed	Inabasan	Ormin Power, Inc.	San Teodoro, Oriental Mindoro	10.0	-Financial Arrangement Secured; -Ground breaking held on 29 July 2013; -Issued Confirmation of Commerciality on 28 May 2013; -Project start construction 6 January 2014; -Already secured DENR ECC, NCIP Certificate, and NWRB Permit; -Submitted Feasibility Study, Detailed Engineering Design and 5-Yr Work Plan.	December 1, 2015	December 1, 2015 (Target Testing and Commissioning)
Committed	Catuiran	Sta. Clara Power Corp.	Naujan, Oriental Mindoro	8.0	-Financial Arrangement Secured; -Ground breaking held in January 2013; -Issued Confirmation of Commerciality on 07 February 2013; -Submission lacking requirements e.g. permits in progress; -On-going construction (Project start construction 6 January 2014; Target completion 6 July 2016	March 1, 2016	March 1, 2016 (Target Testing and Commissioning)
Committed	Bulanao	DPJ Engineers and Consultants	Tabuk, Kalinga	1.0	-Financial Arrangement Secured; -Issued Confirmation of Commerciality on 11 March 2014; -Already secured NCIP clearance, DENR Permits, ESA with Kalinga Apayao Electric Cooperative Inc., Land lease Agreement; -On-going construction of intake structure and with purchase order for the turbine generator system; -Submitted Feasibility Study and 5-Yr Work Plan. Financing from DBP; - Project cost PhP 293M.	Mar-19	Mar-19
Committed	Prismc	PNOC-Renewables Corporation	Rizal, Nueva Ecija	1.0	-On-going construction activities; -Ground breaking held on 11 July 2014. Confirmed DOC on 4 September 2014; Rehabilitation	Sep-19	Sep-19

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	SOLAR			51.30			
Committed	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
Committed	Pampanga Solar Power Project	Raslag 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; 	February 2015	31 March 2015 (Target Testing and Commissioning)

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	WIND			67.50			
Committed	Phase 1: Piliilla Wind Power Project	Alternergy Wind One Corporation	Brgy. Halayhayin, Piliilla, Rizal	67.5	<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; 	July 2015	Target Schedules: -18 MW by March 2015 -18 MW by April 2015 -18 MW by May 2015

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	BIOMASS			61.28			
Committed	24 MW SICI Power 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	20.00	<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 (Operational) Phase 2 - December 2016 (Subject to FIT)
Committed	12.5 MW Bataan 2020 Rice hull-fired Cogen Plant	Bataan 2020 Inc.	Bataan	7.50	<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 (Target Testing and Commissioning)
Committed	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 as of 31 August 2014 -49% completed; 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 	March 2015 (Subject to FIT)	March 2015 (Subject to FIT) (Target Testing and Commissioning)
Committed	12 MW Biomass Power Plant Project	Green Innovations for Tomorrow Corporation	Nueva Ecija	10.80	<ul style="list-style-type: none"> -Financially Closed; -BREOC No. 2013-09-037; -Project Status as of 30 September 2014: Pre-Construction: 79%; Construction: 18%;Interconnection:0% -Issued Declaration of Commerciality on 16 June 2014; -On-going construction 	November 2015	November 2015
Committed	3.5 MW Bicol Biomass Energy Corporation	Bicol Biomass Energy Corporation	Camarines Sur	3.15	<ul style="list-style-type: none"> -Financially Closed; -On-going construction 	December 2015	December 2015
Committed	2 MW ACNPC WTE Biomass Power Plant Project	Asian Carbon Neutral Power Corporation	Tarlac	1.50	<ul style="list-style-type: none"> -Financially Closed; -On-going construction 	Phase 1 - July 2015 Phase 2 - 2016	Phase 1 - July 2015 Phase 2 - 2016
Committed	70 kW Biomass Gasification Power Plant Project	PowerSource Philippines, Inc.	Palawan	0.05	<ul style="list-style-type: none"> -Financially Closed; -On-going construction 	June 2015	June 2015
Committed	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; 	December 2015	December 2015

Total Committed Rated Capacity 2,735.28