

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)

As of 28 February 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning
	COAL			652.00		
Committed	135 MW Puting Bato Coal Fired Power Plant Phase I	South Luzon Thermal Energy Corp. (SLTEC)	Brgy. Puting Bato West, Calaca, Batangas	135	-Financial Arrangement Secured on 28 October 2014; -GIS approved by NGCP on 17 May 2013; -Started Construction on December 2011; -Construction Duration - 32 Months; -Ground breaking - February 2012; -Target Testing & Commissioning - May 2014; -Target Commercial Operation - October 2014; -Project cost is Php12.9B	May 2014
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	-Financial Arrangement Secured on 24 February 2012 (60% Loan / 40% Equity); - GIS approved by NGCP on 8 November 2011; -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; -Groundbreaking - May 2012; -Target Testing & Commissioning 1st Unit - July 2014/ 2nd Unit-October 2014; -Target Commercial Operation - Unit 1 - Nov 2014, Unit 2 - February 2015; -Project cost for Phase I is Php20.4B	Unit I - July 2014 Unit II - October 2014

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Committed	135 MW Puting Bato Coal Fired Power Plant Phase II	South Luzon Thermal Energy Corp. (SLTEC)	Brgy. Puting Bato West, Calaca, Batangas	135	-Financial Close with tenders on 1 July 2013; -GIS approved by NGCP on 17 May 2013; -Started Construction on August 2013; -Construction Duration - 28 Months; -Groundbreaking Target Date - August 2013; -Target Testing and Commissioning on June 2015; -Target Commercial Operation - November 2015 -Project cost is Php 9.6B	June 2015
Committed	Anda Power Corporation's 82 MW Cicularing Fluidized Bed Coal Fired Power Plant	Anda Power Corporation	Brgy. Bundagul, Mabalacat, Pampanga	82	- Financial Arrangement Secured ; - On-going negotiations with offtakers; - Commencement of Construction:March 2014; - Target Testing and Commissioning: September 2015; - Target Testing and Commissioning: March 2016; - Total Project Cost- \$196,246,837.63;	September 2015
	<b>NATURAL GAS</b>			<b>1,150.00</b>		
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	-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; -Land is already secured with a long lease entered into since 2007; -Commencement of Construction: December 2013; -Off-taker:No specific offtaker 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; -LNG Tank is currently at 40% construction completed as of February 2014; -Target Testing & Commissioning: (December 2014: 1st Unit -200MW, December 2015:2nd Unit-200MW, December 2016:3rd Unit-200MW); -Target Commercial Operation: (December 2014: 1st Unit -200MW, December 2015:2nd Unit-200MW, December 2016:3rd Unit-200MW); -Project Cost:\$300M	Dec 2014:1st Unit -200MW, 'Dec 2015:2nd Unit-200MW 'Dec 2016:3rd Unit-200MW

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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"> <li>-Financial Arrangement Secured :</li> <li>-Secured Clearance from DOE for the conduct of GIS on 21 June 2011;</li> <li>-GIS with NGCP for finalization by the end of February 2014 ;</li> <li>-Off-taker: Discussion with target off-takers on-going;</li> <li>-Commencement of Construction will be on October 2013;</li> <li>-Target Testing &amp; Commissioning: December 2014</li> <li>-Target Commercial Operation: October 2015;</li> <li>-Project cost is Php10B</li> </ul>	December 2014
Committed	San Gabriel Power Plant	First Gas Power Corp.	San Gabriel, Batangas	450	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured :</li> <li>-Secured Clearance from DOE for the conduct of GIS on 18 February 2013 ;</li> <li>-SIS was approved by NGCP on 11 December 2013. ;</li> <li>-Commencement of Construction: December 2013;</li> <li>-Off-taker:Discussion with target offtakers targeted for the first half of 2014;</li> <li>-Target Testing &amp; Commissioning: December 2015</li> <li>-Target Commercial Operation: March 2016;</li> <li>- Project cost is US\$600 Million;</li> </ul>	December 2015

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	<b>HYDROPOWER</b>			<b>33.30</b>		
Committed	Sabangan	Hedcor Sabangan, Inc.	Mt. Province	13.2	-Financial Arrangement Secured; -Ground breaking held on June 2013; - Issued Confirmation of Commerciality on 28 August 2013.	June 2015
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; -Already secured DENR ECC, NCIP Certificate, and NWRB Permit; -Submitted Feasibility Study, Detailed Engineering Design and 5-Yr Work Plan.	December 2015
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.	March 2016
Committed	Linao-Cawayan (Upper Cascade)	Oriental Mindoro Electric Cooperative, Inc.	Baco, Oriental Mindoro	2.1	-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.	March 2016
	<b>WIND</b>			<b>253.50</b>		
Committed	Phase 3: Bangui Bay Wind Power Project	NorthWind Power Development Corporation	Bangui, Ilocos Norte	18	-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; -On-going construction; -Total project cost is US\$48.5Million.	July 2014

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Committed	Phase 1: Burgos Wind Power Project	EDC Burgos Wind Power Corporation	Nagsurot-Saoit, Burgos, Ilocos Norte	87	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured: Issued certification dated 13 March 2013 that EDC, its parent company, has the capacity to finance the project;100% equity financed; :</li> <li>-Awarded with Wind Energy Service Contract (WESC No. 2009-09-004) on 14 Sept 2009;</li> <li>-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;</li> <li>-Final Report of SIS and Connection Agreement with NGCP secured;</li> <li>-Supply, EPC and Service Energy Based Availability Agreement with the consortium of Vestas and First Balfuor secured;</li> <li>-Conducted Groundbreaking Ceremony on 17 Apr 2013;</li> <li>-On-going construction.</li> </ul>	August 2014
Committed	Caparispisan Wind Energy Project	Northern Luzon UPC Asia Corporation	Brgy. Caparispisan, Pagudpud, Ilocos Norte	81	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured: Submitted a certification from various Banks dated 12 July 2011;</li> <li>-Awarded with Wind Energy Service Contract (WESC No. 2009-09-005) on 14 Sept 2009;</li> <li>-Conducted detailed wind resource assessment; Conducted detailed wind resource assessment;</li> <li>-Completed detailed feasibility atudy; 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;</li> <li>-Final Report of SIS and Connection Agreement with NGCP secured on 4 Jan 2011;</li> <li>-BOI Registered on 23 Jun 2011;</li> <li>-Acquired DOE Certificate of Confirmation of Commerciality on 2 Jul 2013;</li> <li>-On-going construction</li> <li>-Total project cost is US\$255Million.</li> </ul>	September 2014
Committed	Phase 1: Pililla Wind Power Project	Alternergy Wind One Corporation	Brgy. Halayhayin, Pililla, Rizal	67.5	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured -AWOC to finance the implementation of the project with 100% equity;</li> <li>-Awarded with Wind Energy Service Contract (WESC No. 2009-09-018) on 23 Oct 2009;</li> <li>-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;</li> <li>-Interconnection Agreement with MERALCO secured on 1 Mar 2012;</li> <li>-EPC and O&amp;M Contract with consortium of Nordex SE and McConnell Donnell secured on 11 Jul 2012;</li> <li>-Secured Clearance from DOE for the conduct of GIS on 21 November 2011 ;</li> <li>-NGCP Review of Third Party SIS secured on 31 Jul 2012;</li> <li>-Acquired DOE Certificate of Confirmation of Commerciality on 16 May 2013;</li> <li>-Conducted Groundbreaking Ceremony on 18 Jun 2013;</li> <li>-Total project cost is US\$177.9Million.</li> </ul>	July 2015

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	<b>BIOMASS</b>			<b>103.05</b>		
Committed	24 MW SJCiPower 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	24.00	-Financially Closed; -Ongoing construction (87.69% completed); -Permits obtained-ECC,LGU, LandUse Permit) EPC w/ Engcon of Singapore; BREOC 2011-01-013; -Secured Clearance from DOE for the conduct of GIS on 21 July 2011 ; -Issued Certificate Confirmation of Commerciality-Sept 2013; -Groundbreaking on 12 Oct 2013; -Proj.Cost Php1.234B	Phase 1 -June 2014 Phase 2 - December 2014 (Subject to FIT)
Committed	20 MW IBEC Biomass Power Plant	Isabela Biomass Energy Corporation	Isabela	18	-Financially Closed; -On-going construction (20% completed); - Permits obtained (ECC, LGU Endorsement, Land Use Permit, etc.); -Secured Clearance from DOE for the conduct of GIS on 22 April 2013 ; -Has EPC; -Subject to FIT; -Project cost is Php1.9B	March 2015 (Subject to FIT)
Committed	12 MW Biomass Power Plant Project	Green Innovations for Tomorrow Corporation	Nueva Ecija	10.80	-Financially Closed; -On-going construction	July 2015
Committed	20 MW Waste-to-Energy Project using Thermal Gasifier Conversion	CJ Global Green Energy Philippine Corp.	Camarines Sur	18	-Financially Closed; -On-going construction	December 2015
Committed	3.5 MW Bicol Biomass Energy Corporation	Bicol Biomass Energy Corporation	Camarines Sur	3.15	-Financially Closed; -On-going construction	2015
Committed	12 MW Multi-Feedstock Biomass Power Plant Project	Cagayan Biomass Energy Corporation	Cagayan	10.80	-Financially Closed; -For groundbreaking	2015
Committed	12 MW Biomass Power Project	Hypergreen	Bulacan	10.80	-Financially Closed; -For groundbreaking	2016
Committed	12.5 MW Bataan 2020 Rice hull-fired Cogen Plant	Bataan 2020 Inc.	Bataan	7.50	-Financially Closed; -Operating for Own-Use	-

Total Committed Rated Capacity 2,191.85