

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)

COMMITTED

As of 31 May 2014

Committed/ Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	<b>COAL</b>			<b>952.00</b>			
Committed	135 MW Puting Bato Coal Fired Power Plant Phase I	South Luzon Thermal Energy Corp. (SLTEC)	Brgy. Puting Bato West, Calaca, Batangas	135	<p>Financial Arrangement Secured on 28 October 2014;</p> <p>-GIS approved by NGCP on 17 May 2013;</p> <p>-Started Construction on December 2011;</p> <p>-Construction Duration - 32 Months;</p> <p>-230kV Salong Switching Station owned by NGCP is tied up with SLTEC; 230 kV Salong Switching Station completion - 15 July 2014;</p> <p>-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;</p> <p>-EPC works - 95.03% completed;</p> <p>-Ash Management Facility Completion - 30 April 2014;</p> <p>-Ground breaking - February 2012;</p> <p>-Project cost is Php12.9B</p>	May 2014	October 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	<p>-Financial Arrangement Secured on 24 February 2012 (60% Loan / 40% Equity);</p> <p>- GIS approved by NGCP on 8 November 2011;</p> <p>-Awaiting for the approval of NGCP for the Dasmariñas-Calaca Reinforcement of transmission lines;</p> <p>-Hydro testing for the boiler - 25 April 2014;</p> <p>-Embedded plate for turbine, ready for installation - Unit 1;</p> <p>-Complete Seawater Intake - June 2014;</p> <p>-On-going installation for panels - Unit II;</p> <p>-Expected to complete Coal yard operation by Mid-May 2014;</p> <p>-230 kV Switchyard steel super structure is substantially completed;</p> <p>-On-going negotiations with prospective off-takes (DUs and those currently with PSAs and contestable market under Open Access Regime;</p> <p>-Site Mobilization / Commencement of Construction on May 2012;</p> <p>-Groundbreaking - May 2012;</p> <p>-Project cost for Phase I is Php20.4B</p>	<p>Unit I - July 2014</p> <p>Unit II - October 2014</p>	<p>Unit 1 - November 2014</p> <p>Unit 2 - February 2015;</p>
Committed	135 MW Puting Bato Coal Fired Power Plant Phase II	South Luzon Thermal Energy Corp. (SLTEC)	Brgy. Puting Bato West, Calaca, Batangas	135	<p>Financial Close with lenders on 1 July 2013;</p> <p>-GIS approved by NGCP on 17 May 2013;</p> <p>-Started Construction on August 2013;</p> <p>-Construction Duration - 28 Months;</p> <p>-Delivered Boiler Steam Drum - 22 April 2014;</p> <p>-EPC works: 44.94% completed;</p> <p>-Turbine Generation House - On-going construction;</p> <p>-Boiler Structure: On-going Construction;</p> <p>-Coal yard - On-going Construction;</p> <p>-Material Receiving Facility - 99.59% completed;</p> <p>-Groundbreaking Target Date - August 2013;</p> <p>-Project cost is Php 9.6B</p>	June 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"> <li>- Financial Arrangement Secured ;</li> <li>- On-going negotiations with offtakers;</li> <li>- Awaiting for the review report of NGCP of the SIS (Unit 1 to be included in the simulation in the SIS);</li> <li>- Commencement of Construction: March 2014;</li> <li>- Total Project Cost- \$196,246,837.63;</li> </ul>	September 2015	March 2016
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"> <li>-Financial Arrangement Secured (65% Loan / 35% Equity);</li> <li>-Environmental Impact Assessment completed; Topographic and Hydrographic completed; Soil Investigation completed;</li> <li>-GIS/SIS submitted last 12 July 2013, under review of NGCP;</li> <li>-Site development in terms of physical accomplishment as of 27 May 2014 is 70.28%; Design and Construction of Pier and Jetty Structure as of 27 May 2014 accomplishment is 43.53%;</li> <li>- Facility Study already sent to NGCP for review;</li> <li>-EPC was executed in January 2013;</li> <li>-ECC was issued on September 2013;</li> <li>-Construction of the Project has been underway since January 2014</li> <li>-SEC issued last 19 August 2011;</li> <li>-Land acquisition completed;</li> <li>-On-going electric power supply contract negotiation with prospective off-takers (DUs);</li> <li>-Clearance to Undertake GIS from DOE issued on 13 February 2013;</li> <li>-Project cost is \$622.15M / Php25.508B</li> </ul>	<ul style="list-style-type: none"> <li>Unit 1 - 150 MW - March 2016</li> <li>Unit 2 - 150 MW - August 2016</li> </ul>	<ul style="list-style-type: none"> <li>Unit 1 - 150 MW - March 2016</li> <li>Unit 2 - 150 MW - August 2016</li> <li>(Target Testing &amp; Commissioning:)</li> </ul>

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	<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	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured : Financing equity will be 100% sourced from EWC;</li> <li>- 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;</li> <li>-Land is already secured with a long lease entered into since 2007;</li> <li>-Commencement of Construction: December 2013;</li> <li>-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;</li> <li>-LNG Tank is currently at 40% construction completed as of February 2014;</li> <li>-Project Cost:\$300M</li> </ul>	Dec 2014:1st Unit -200MW, 'Dec 2015:2nd Unit-200MW 'Dec 2016:3rd Unit-200MW	Dec 2014:1st 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"> <li>-Financial Arrangement Secured :</li> <li>-Secured Clearance from DOE for the conduct of GIS on 21 June 2011;</li> <li>-System Impact Study (SIS) was completed;</li> <li>-Amendment of Philippine Ports Authority (PPA) charter to accomodate for the right of way for the project site is still for approval by the Office of the President;</li> <li>-Signing of Contract with Meiscor for the construction of transmission line April 22, 2014;</li> <li>-Committed Arrival of the Turbine - August 2014;</li> <li>-Off-taker: Discussion with target off-takers on-going;</li> <li>-Commencement of Construction will be on October 2013;</li> <li>-Project cost is Php10B</li> </ul>	January 2015	October 2015;
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>- Project cost is US\$600 Million;</li> </ul>	December 2015	March 2016

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	<b>HYDROPOWER</b>			<b>33.30</b>			
<b>Committed</b>	<b>Sabangan</b>	<b>Hedcor Sabangan, Inc.</b>	<b>Mt. Province</b>	<b>13.2</b>	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured;</li> <li>-Ground breaking held on June 2013;</li> <li>- Issued Confirmation of Commerciality on 28 August 2013;</li> <li>-On-going construction (23.39% completed as of 31 March 2014) ;</li> <li>-Secured Clearance from DOE for the conduct of GIS on 18 June 2012;</li> </ul>	<b>June 2015</b>	<b>June 2015 (Target Testing and Commissioning)</b>
<b>Committed</b>	<b>Inabasan</b>	<b>Ormin Power, Inc.</b>	<b>San Teodoro, Oriental Mindoro</b>	<b>10.0</b>	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured;</li> <li>-Ground breaking held on 29 July 2013;</li> <li>- Issued Confirmation of Commerciality on 28 May 2013;</li> <li>-Already secured DENR ECC, NCIP Certificate, and NWRB Permit;</li> <li>-Submitted Feasibility Study, Detailed Engineering Design and 5-Yr Work Plan.</li> </ul>	<b>December 2015</b>	<b>December 2015 (Target Testing and Commissioning)</b>
<b>Committed</b>	<b>Catuiran</b>	<b>Sta. Clara Power Corp.</b>	<b>Naujan, Oriental Mindoro</b>	<b>8.0</b>	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured;</li> <li>-Ground breaking held in January 2013;</li> <li>-Issued Confirmation of Commerciality on 07 February 2013;</li> <li>-Submission lacking requirements e.g. permits in progress.</li> </ul>	<b>March 2016</b>	<b>March 2016 (Target Testing and Commissioning)</b>
<b>Committed</b>	<b>Liniao-Cawayan (Upper Cascade)</b>	<b>Oriental Mindoro Electric Cooperative, Inc.</b>	<b>Baco, Oriental Mindoro</b>	<b>2.1</b>	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured;</li> <li>-On-going construction;</li> <li>- Already secured LGU Endorsement, DENR ECC, NWRB CWP, NCIP Compliance Certificate;</li> <li>-Submitted Feasibility Study and 5-Yr Work Plan. Financing from DBP;</li> <li>- Project cost Php 293M.</li> </ul>	<b>March 2016</b>	<b>March 2016 (Target Testing and Commissioning)</b>

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	<b>WIND</b>			<b>253.50</b>			
Committed	Phase 3: Bangui Bay Wind Power Project	NorthWind Power Development Corporation	Bangui, Ilocos Norte	18	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured with a Bank dated 15 July 2013;</li> <li>-Covered by WESC No. 2013-07-058 dated 26 February 2013;</li> <li>-Conducted detailed wind resource assessment;</li> <li>-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;</li> <li>-Secured Clearance from DOE for the conduct of GIS on 12 February 2013 ;</li> <li>-Acquired DOE Certificate of Confirmation of Commerciality on 03 December 2013;</li> <li>-On-going construction as of 31 March 2014 (Pre-Construction - 100% complete, Construction - 29% complete, Interconnection - 99% complete;</li> <li>-On-going civil works for access roads and WTG Foundations; Completed 5 out of 6 WTG Foundations;</li> <li>-Total project cost is US\$48.5Million.</li> </ul>	July 2014	July 2014 (Target Testing and Commissioning)
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; as of 31 March 2014 - Construction Stage as of 31 March 2014( Pre-Construction - 99% completed, Construction-40% completed, Interconnection - 19% completed);</li> <li>-On-going acquisition of TL-ROW;</li> <li>-Completed the 29 WTG foundations;</li> <li>-On-going WTG erection;</li> </ul>	August 2014	August 2014 (Target Testing and Commissioning)

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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 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;</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 July 2013;</li> <li>-On-going construction as of 31 March 2014; Construction Stage as of April 2014( Pre-Construction - 98% completed, Construction -30.95%, Interconnection - 16%);</li> <li>-On-going acquisition of TL-ROW; On-going civil works for access roads;Completed 16 out of 27 WTG Foundations;</li> <li>-Total project cost is US\$255Million.</li> </ul>	September 2014	September 2014 (Target Testing and Commissioning)
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>-Regulatory requirements, permits, GIS, etc. were completed;</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>-On-going construction as of 31 March 2014 (Pre-Construction - 98% complete);</li> <li>-Total project cost is US\$177.9Million;</li> </ul>	July 2015	July 2015 (Target Testing and Commissioning)

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	<b>BIOMASS</b>			<b>103.05</b>			
Committed	24 MW SJGiPower 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	<p>-Financially Closed;</p> <p>-Pre-construction (90% completed as of 31 March 2014 );</p> <p>-Phase I - Estimated Accomplishment of Construction 92.26 % completed as of 7 May 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</p> <p>-Interconnection (44% completed as of 31 March 2014 );</p> <p>-Permits obtained-ECC,LGU,LandUse Permit) EPC w/ Engcon of Singapore; BREOC 2011-01-013;</p> <p>-Secured Clearance from DOE for the conduct of GIS on 21 July 2011 ;</p> <p>-Issued Certificate Confirmation of Commerciality on 2 Sept 2013;</p> <p>-Groundbreaking on 12 Oct 2013;</p> <p>-Proj.Cost Php1.234B</p>	Phase 1 - September 2014	Phase 1 -October 2014
Committed	12.5 MW Bataan 2020 Rice hull-fired Cogen Plant	Bataan 2020 Inc.	Bataan	7.50	<p>- Financially Closed;</p> <p>--Issued Certificate Confirmation of Commerciality on 27 August 2013;</p> <p>-100% Constructed &amp; Operational (Operating for Own-Use);</p> <p>-Interconnection - 80% completed;</p>	October 2014	December 2014 (Target Testing and Commissioning)
Committed	20 MW Rusk-Fired Biomass Power Plant	Isabela Biomass Energy Corporation	Alicia, Isabela	18	<p>-Financially Closed;</p> <p>-On-going construction of the plant area, civil works (as of 6 May 2014 -75% completed excluding boiler structure which was considered as mechanical portion by Boiler Contractor Thermax);</p> <p>-Steam Turbine Generator (STG) - for concreting;</p> <p>-Fuel Storage - with partial roofing;</p> <p>-Awaiting permit from DPWH for the construction of drainage system;</p> <p>- Permits obtained (ECC, LGU Endorsement, Land Use Permit, etc.);</p> <p>-Secured Clearance from DOE for the conduct of GIS on 22 April 2013 ;</p> <p>-Issued Declaration of Commerciality on 6 January 2014;</p> <p>-Has EPC;</p> <p>-Subject to FIT;</p> <p>-Project cost is Php1.9B</p>	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	<p>-Financially Closed;</p> <p>-On-going construction</p>	July 2015	July 2015 (Target Testing and Commissioning)

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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	December 2015 (Target Testing and Commissioning)
Committed	3.5 MW Bicol Biomass Energy Corporation	Bicol Biomass Energy Corporation	Camarines Sur	3.15	-Financially Closed; -On-going construction	2015	2015 (Target Testing and Commissioning)
Committed	12 MW Multi-Feedstock Biomass Power Plant Project	Cagayan Biomass Energy Corporation	Cagayan	10.80	-Financially Closed; -For groundbreaking	2015	2015 (Target Testing and Commissioning)
Committed	12 MW Biomass Power Project	Hypergreen	Bulacan	10.80	-Financially Closed; -For groundbreaking	2016	2016 (Target Testing and Commissioning)

Total Committed Rated Capacity 2,491.85