

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)

As of 31 December 2013

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Commissioning
	COAL			352.00		
Committed	<p>2 X 135 MW Concepcion Coal-fired Power Plant</p> <p>Phase 1-135MW (1st Unit)</p> <p>Phase 2-135MW (2nd Unit)</p>	Palm Thermal Consolidated Holdings Corp.	Brgy. Nipa, Concepcion, Iloilo	270	<p>Financial Closure was done with various banks on 19 July 2013 with Asia United Bank Corporation and China Banking Corporation amounting to PhP 6.0B and on 24 July 2013 PhP 4.0B with BDO; EPC contract status , design preparation and review ongoing, construction of temporary facilities and access road is ongoing and mobilization of construction equipment ongoing; Coal unloading facility contract is ongoing;On-going pre-construction activities: Soil investigation for the associated transmission line project to start by October 2013: Land conversion and extension application was deliberated by CLUPPI-DAR on 5 August 2013 and drafting of Order is now underway. Site investigation by DENR for the Foreshore/Miscellaneous Lease Application (FLA/MLA) was conducted on 25 June to 29 2013. DENR Region 6 recommended on 16 August 2013 that PCPC should apply MLA. Compilation of documentary requirement is ongoing. Secured the ff permits:SEC Reg. No. CS201018744 on 22 Nov. 2010; DENR ECC: 0606-006-4021 on 27 May 2007 amended 4 Nov 2010/28 June 2012 & amendment for increase in capacity from 100-135MW approved 12 Oct. 2012; DAR Conversion Order No. CON-0809-413 dated Sept 2008; Endorsements from LGUs;BOI Certificate of Registration (2012-114) on 27 June 2012 and amended due to change of ownership/increase in capacity from 100-135MW on 2 October 2012; Connection Agreement with NGCP on 1 Oct. 2012. Ongoing preparations of required docs for the ERC Filing of Power Purchase Agreement (EPPA). Target Filing by Sept. 2013. Securing permits/LGUs endorsements for the associated transmission project is ongoing. Secured the ECC for the transmission line project on 3 June 2013. Ongoing compliance with the IEC conditions of the ECC. Estimated Household: 14 MW, Estimated Net Capacity: 121MW. Transmission Facility: 138 kV, Steel Tower, Double Circuit (to be connected to NGCP's Barotac Viejo Substation); 69 kV, Steel Pole, 18 km line (to be connected to Sara substation of ILECO3) ; PCPC will undertake the construction of the transmission facility. Permits and other requirements obtained/signed contracts: SNC-Lavalin, Inc as the Owner's Engineer (OE) on March 2012; EPC Contract with NLSC Consortium on 3 February 2013; Coal Supply Contract with PT. Pevensy Indonesia on 6 March 2013.Signed Electric Power Purchase Agreements (EPPA) with VRESCO (5MW) - 14 Nov. 2012, NOCECO (10MW)- 31 Jan. 2013, NORECO(1 MW)- 13 Feb. 2013, CENECO (22.6MW) on 11 March 2013, PECO(10MW) on 20 May 2013, AKELCO (12MW) on 22 Aug. 2013, and CAPELCO (2MW) on 5 Sep. 2013.Negotiations with other oftakers are ongoing.PCPC already have a Power Purchase Agreement with customers from Negros Occidental. Acquired land on Nov. 2010; Feasibility Study completed on March 2006. Environmental Impact Statement secured on June 2006. Secured Hydrology and Flood Release Analyses and Geotechnical Earthquake Risk Analysis on June 2011. Secured Geotechnical Foundation & Engineering Geological Investigations on June 2011.Secured Geotechnical Foundation & Geohazards Risk Investigations on August 2011.Completed Market Study of the Power Requirements in the Visayas. Completed Plan and Profiling Works for the Associated Transmission.Final System Impact Study (SIS) Report from NGCP received on 17 July 2012; Ground breaking was held on 15 Jan. 2013; Senior Project Manager of the Owner (SNC-Lavalin) was mobilized at site on 15 July 2013. Commencement date of EPC contract was officially declared on 18 July 2013; Ongoing construction of temporary fence and access road provision for power plant.Commencement of construction for 1st Unit on 18 July 2013; 2nd Unit on Septmber 2014 (specific dates for the 2nd unit will still firm up after 1st unit's commencement of construction). Target Commercial Operation 1st Unit - 4th Quarter of 2015/ 2nd Unit - November 2016 ;Project cost is Php26.356B</p>	<p>Target Testing and Commissioning 1st Unit - 3rd Quarter of 2015/ 2nd Unit - May 2016 to September 2016 (specific dates for the 2nd unit will still be firm up after 1st unit's commencement of construction)</p>

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Committed	TPC Coal-Fired Power Plant Expansion Project (1 x 82 MW Coal-Fired Power Plant)	Toledo Power Company	Toledo City, Cebu	82	On-going securing of permits and other regulatory requirements; secured clearance from DOE for the conduct of GIS and DOE Endorsement for a CNO from NCIP ; ECC issued last 28 August 2012; BOI-Certificate of Registration No. 2012-225 last 23 October 2012; Groundbreaking Ceremony held last 11 November 2012; Loan agreement with Banks in place, financial close on 07 March 2013 (70% Loan / 30% Equity); Project fee is Php10.17B	September 2014
	GEOTHERMAL			50.00		
Committed	Nasulo Geothermal Project	Energy Development Corporation	Nasuji, Valencia, Negros Oriental	50	Certificate of Commerciality and Certificate of Additional Investment obtained; DOE Service Contract within GRESC # 2009-10-002; LGU endorsement, Land Use Permits, DENR-ECC, and Water Rights obtained; Obtaining necessary permits and requirements; to be financed by EDC; Project accomplishment:Phase 1 (civil works) -22.91%; Phase 2 (Electromechanical works) - 12.12%; Start of construction- jan 2013; Start of Testing and commissioning - Dec 2013, commercial operation - 2nd quarter of 2014; Project cost \$91M	June 2014
	HYDROPOWER			8.00		
Committed	Villasiga HEP	Sunwest Water & Electric Co., Inc.	Brgy. Igsoro, Bugasong, Antique	8	On-going construction; Already secured LGU Endorsements, DENR Environmental Compliance Certificate, and Energy Sales Agreement with Antique Electric Cooperative. Also submitted Feasibility Study, Detailed Engineering Design and 5-Yr Work Plan Various permits obtained (LGU Endorsement, Water Permit last 19 February 2010, Reconnaissance Permit, ECC last 8 July 2010, BOI last 24 November 2010 and DOE Hydropower Service Contract last 1 February 2010); Financing from PNB; Project cost Php1.4B	March 2014
	BIOMASS			19.60		
Committed	Consolacion Landfill Methane Recovery and Electricity Generation	Asian Energy System Corporation	Cebu	3.6	On-going construction (15% completed); Permits obtained ECC on February 2010; LGU Endorsement, Land Use Permit, etc.) Has EPC and Financial Arrangements secured; Loan approval from DBP granted on 25 May 2011; Project cost is Php199M	June 2015
Committed	18 MW San Carlos Biomass Project	San Carlos BioPower Inc.	San Carlos City, Negros Occidental	16	On-going construction (10%) completed; Various permits obtained (ECC, LGU Endorsement, Land Use Permit, etc); Has EPC and secured Financial Arrangements; SEC secured 29 July 2009; ECC secured 28 June 2011; GIS completed 4 June 2012; EPC signed 10 Aug. 2012; Commencement of construction on Dec. 2012; Project cost is \$3.5B	March 2015

Total Committed Rated Capacity 429.60