

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)

COMMITTED

As of 30 September 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			352.00			
Committed	TPC Coal-Fired Power Plant Expansion Project (1 x 82 MW Coal-Fired Power Plant)	Toledo Power Company	Toledo City, Cebu	82	<ul style="list-style-type: none"> -Financial Arrangement Secured: Loan agreement with Banks in place, financial close on 07 March 2013 (70% Loan / 30% Equity) ; -Secured Clearance from DOE for the conduct of GIS on 3 March 2011 ; -ECC issued last 28 August 2012; -BOI-Certificate of Registration No. 2012-225 last 23 October 2012; -On-going construction (as of April 2014 - 90.2% completed); -Groundbreaking on 11 November 2012; -Project fee is Php10.17B 	October 2014	December 2014
Committed	2 X 135 MW Concepcion Coal-fired Power Plant Phase 1-135MW (1st Unit) Phase 2-135MW (2nd Unit)	Palm Thermal Consolidated Holdings Corp.	Brgy. Nipa, Concepcion, Iloilo	270	<ul style="list-style-type: none"> -Financial Arrangement Secured : Done on 24 July 2013; -Secured Clearance from DOE for the conduct of GIS on 14 June 2012 ; -SIS Report approved by NGCP on 17 July 2012; -Secured the Appraisal report for the PPA/MLA from the DENR Regional Director; -Commencement of Construction for 1st Unit on 18 July 2013; 2nd Unit on September 2014 (specific dates for the 2nd unit will still be firm up after 1st unit's commencement of construction) ; -Offtaker: Signed Electric Power Purchase Agreements (EPPA) with VRESKO (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; -Ground breaking of construction on 15 Jan. 2013; - Commencement of Construction -1st Unit -18 July2013,2nd Unit (specific dates for the 2nd unit will still be firm up later; - Procurement of power plant's major equipment has been completed; Manufacturing of equipment is ongoing; -Construction as of 31 May 2014; Scope of Works: a. Plant Site - 80%; b. Coal Yard-70%; Piling Works: a. Boiler Area-100%;b.Electrostatic Precipitator-88.50%;Transmission Facility-a. Geological and Technical Investigation-100%;b.Route and Parcelay Survey-95%;c. Right-of-Way Acquisition-c.1. No. of Tower Sites Acquired 138 kV-66%;69 kV-51%;c.2. No. of In Between Towers Acquired 138 kV-30.80%;69 kV-29.30%;Awarded the Transmission Line and Substation Project to TBEA Shenyang; Contract was signed on 17 July 2014; - DOE Endorsement for NCIP for Unit 1 issued on 3 June 2014; -Project cost is Php26.356B 	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)	1st Unit - 2nd Quarter of 2016 2nd Unit - November 2016 (specific dates for the 2nd unit will still be firm up after 1st unit's commencement of construction) ;
	GEOHERMAL			50.00			
Committed	Nasulo Geothermal Project	Energy Development Corporation	Nasuji, Valencia, Negros Oriental	50	<ul style="list-style-type: none"> -Financial Arrangement Secured; to be financed by EDC (100% equity); -Undergoing reliability run (as part of testing and commissioning activities) -Secured Clearance from DOE for the conduct of GIS on 21 November 2011 ; -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; -Start of construction- January 2013; Start of Reliability Test on May 2014; -On-going construction started on Jan 2013; -Groundbreaking on 11 November 2012; -Project accomplishment:Phase 1 (civil works) -99.34%; Phase 2 (Electromechanical works) -99.32%; -Project cost \$91M 	October 2014	October 2014 (Target Testing & Commissioning)

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	HYDROPOWER			16.00			
Committed	Villasiga HEP	Sunwest Water & Electric Co., Inc.	Brgy. Igsoro, Bugasong, Antique	8.00	<ul style="list-style-type: none"> -Financial Arrangement Secured from Bank; -Various permits obtained (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); -Already secured LGU Endorsements, DENR Environmental Compliance Certificate; -Submitted feasibility study, detailed engineering design and 5-Year Work Plan; -Off-taker: Energy Sales Agreement with Antique Electric Cooperative; -Project cost Php1.4B - Construction is 98% complete as of 11 June 2014; - Project cost Php1.4B 	September 2014	September 2014 (Target Testing & Commissioning)
Committed	Cantakoy	Quadriver Energy Corp.	Danao, Bohol	8.00	<ul style="list-style-type: none"> -Financial Arrangement Secured; -Secured Clearance from DOE for the conduct of GIS on 11 July 2011 ; -Construction was on-hold due to conflict with LGU 	June 2017	June 2017
	SOLAR			9.00			
Committed	San Carlos Solar Photovoltaic Power Project (Phase B- 9 MW)	San Carlos Solar Energy Inc.	San Carlos City, Negros Occidental	9.00	<ul style="list-style-type: none"> -Financial Arrangement Secured:100% equity financed; -Awarded with Solar Energy Service Contract (SESC No. 2013-09-037) on 30 October 2013; -Acquired ECC from DENR, Municipal and Barangay Resolutions of Support, Lease Agreements with land owners, and EPC Contract with Conergy and Schema Konsult, Inc.; -Submitted a photocopies of Subscription Agreement dated 02 May 2013 for a total amount of USD48.2Million between SACASOL and its sponsor, Thomaslloyd Cleantech Infrastructure Fund GmbH, with the corresponding Notes issued amounting to USD1.9MM; - Acquired the DOE Certificate of Confirmation of Commerciality on 03 March 2014; -Secured Clearance from DOE for the conduct of GIS on 25 June 2013 ; -Acquired NGCP System Impact Study , approved Facility Study and Connection Agreement; -Inaguration of Sacasol 1 - 15 May 2014 -Construction Stage as of 30 September 2014 (Pre-construction-100% completed,Construction of Solar Farm-100% completed, Interconnection - 100% completed); -Obtained System Impact Study from NGCP; -Phase A was successfully commissioned and started commercial operation on 15 May 2014; -Total project cost is US\$43.1Million; 	Phase 2 - August 2014	Phase 2 - August 2014 (Phase B successfully commissioned and already started commercial operation on 16 August 2014

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	WIND			104.00			
Committed	Nabas Wind Power Project Phase I - 34 Phase II-16	PetroWind Energy Corporation	Brgy. Pawa, Nabas, Aklan	50	<p>Financial Arrangement Secured: Submitted a certification dated 31 August 2012 from its Lead Arranger, ensuring the required financing is already available if needed;</p> <p>-Awarded with Wind Energy Service Contract (WESC No. 2009-09-002) on 14 Sept 2009;</p> <p>-Conducted detailed wind resource assessment;</p> <p>-Completed final feasibility study on Aug 2012;</p> <p>-Secured Clearance from DOE for the conduct of GIS on 16 September 2011 ;</p> <p>-SIS Final Report from NGCP dated 1 Oct 2012;</p> <p>-Acquired ECC from DENR dated 4 Jun 2012;</p> <p>-Acquired CNO from NCIP; secured Barangay, Municipal, and Provincial Resolutions of Support; EPC Contract with EEI Corp. secured 31 Jul 2012;</p> <p>-Heads of Agreement with AKELCO for T/L construction secured 28 Nov 2012;</p> <p>- Acquired the DOE Certificate of Confirmation of Commerciality on 31 May 2013;</p> <p>-On-going construction as of 30 September 2014 (Pre-construction -98% completed, Construction - 20% completed, Interconnection - 69% completed) ;</p> <p>-On-going land rights acquisition for WTG Foundations, access roads, and civil works on access roads;</p> <p>-Total project cost is US\$118.44M;</p>	Phase 1 (36 MW) - January 2015 Phase 2 (14 MW) - 3rd Quarter 2015	Phase 1 (36 MW) - January 2015 Phase 2 (14 MW) - 3rd Quarter 2015 (Target Testing and Commissioning)
Committed	54 MW San Lorenzo Wind Power Project (8 MW & 46 MW)	Trans-Asia Renewable Energy Corporation	San Lorenzo, Guimaras Island	54	<p>-Financial Arrangement Secured on 12 December 2012 (30% equity and 70% debt);</p> <p>-Awarded with Wind Energy Service Contract (WESC No. 2009-10-009) on 23 Oct 2009;</p> <p>-Conducted detailed wind resource assessment;</p> <p>-Completed feasibility study;</p> <p>-Secured various LGU permits and Resolution of Support; Secured ECC permit for the wind farm on 19 February 2010;Secured NCIP Certificate of Non-Overlap on 23 July 2010;Secured System Impact Study Final Report from NGCP;Secured ECC for the construction of overhead T/L on 14 May 2012;Secured ECC for the upgrading of Iloilo-Guimaras Submarine Cable on 14 May 2012; Secured CAAP Height Clearance for 27 Wind Turbine Generators; Secured DPWH Right-of-Way permit for overhead T/L;Secured Contract to Lease/Sell from land owners;Turnkey EPC Contract awarded to Kanetmatsu in November 2012;-</p> <p>-Acquired DOE Certificate of Confirmation of Commerciality on 16 May 2013;</p> <p>-Conducted Groundbreaking Ceremony on 30 June 2013;</p> <p>-On-going construction as of 30 September 2014 (Pre-Construction - 100% complete, Construction - 33% complete, Interconnection -77% complete;</p> <p>- Installation of Wind Turbine Generator (WTG) sets: 20%; On-going land rights acquisition for WTG Foundations, access roads, and civil works on access roads; Erected 350 out of 383 poles for overhead TL; On-going testing of Iloilo-Guimaras Submarine Cable;On-going stringing of overhead TL;</p> <p>-Total project cost is US\$140.9Million;</p>	December 2014	December 2014 (Target Testing and Commissioning)

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	BIOMASS			55.00			
Committed	46 MW Universal Robina Corporation Bagasse Cogeneration Facility	Universal Robina Corporation	Kabankalan, Negros Occidental	31.00	-Financial Arrangement Secured; - BREOC No. 2013-11-040; -Issued Certificate Confirmation of Commerciality on 24 April 2014; -On-going construction: Project Progress as of 30 September 2014: Pre-construction: 100%; Construction:34%;Interconnection:73%) -On-going construction as of 31 May 2014 (Overall Accomplishment - 45% completed) - a.Power House Structural and Civil Works; b. Steam Turbine Generator House Structural Works; c. Boiler House Structural and Civil Works; d. Cooling Tower Foundation Works; e. Transmission Facility -Clearance to Undertake GIS from DOE issued on18 October 2013;	Phase 1 (16MW) - December 2014 Phase 2 (30 MW) - December 2014	Phase 1 (16MW) - December 2014 Phase 2 (30 MW) - December 2014 (Target Testing and Commissioning)
Committed	20 MW SCBiopower Bagasse-Fired Power Generation Project	San Carlos Biopower Inc.	Negros Occidental	18.00	-Financial Arrangement Secured; -On-going site development; -Various permits obtained (ECC, LGU Endorsement, Land Use Permit, etc); -Has EPC; -SEC secured 29 July 2009; -ECC secured 28 June 2011; -Secured Clearance from DOE for the conduct of GIS on 22 June 2011 ; -GIS completed 4 June 2012; -EPC signed 10 Aug. 2012; -Commencement of construction on Dec. 2012; -Scope of Work completion: - Admin Building -46.48%; Construction of Temporary access road-24.56%;Site Development for Warehouse, electrical & machine shop - 87.14%;Site Development for Fuel Shed No.2 - 27.56%; Installation of Wind Turbine Generator-20%; -Project cost is \$3.5B	December 2015	December 2015 (Target Testing & Commissioning)
Committed	12 MW HPCo Bagasse Cogeneration Plant	Hawaiian Philippines Company	Silay City, Negros Occidental	3.00	-Financial Arrangement Secured; -BREOC No. 2013-02-029; -Issued Certificate Confirmation of Commerciality on 22 January 2014; -Constructing sub-station and transmission line going to NGCP; -Secured Clearance from DOE for the conduct of GIS on 25 March 2013 ; -Declared Capacity is 8MW but will be exporting 3 MW to the grid; -Issued Declaration of Commerciality on 22 January 2014; -100% Constructed (Operating for Own-Use); -Project Status as of 30 September 2014: Pre-construction 100%, Construction-93%, Interconnection-15%; -Construction of Interconnection Facility is targeted at 3rd week of September 2014; -Completion fate of Transmission Line still depends on the issuance of SIS from NGCP; Will only start construction upon the release/issuance of the SIS; -Increased capacity from 8MW to 12MW as per amendment of BREOC No. 2013-02-029 which took effect on 9 June 2014; -Operating for Own-Use on October 2013;	November 2014	November 2014 (Target Testing and Commissioning)
Committed	34 MW VMCI Bagasse-Fired Cogeneration Plant	Victorias Milling Company Inc.	Negros Occidental	3.00	-Financial Arrangement Secured; -Secured Clearance from DOE for the conduct of GIS on 29 May 2013 ; -Approved SIS on Sept 2014; -Amended Capacity from 2MW to 3MW on 4 September 2014; -Operating for Own-Use;	-	-

Total Committed Rated Capacity 586.00