

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)

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>352.00</b>			
Committed	TPC Coal-Fired Power Plant Expansion Project (1 x 82 MW Coal-Fired Power Plant)	Toledo Power Company	Toledo City, Cebu	82	-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 (60% completed); -Groundbreaking on 11 November 2012; -Project fee is Php10.17B	September 2014	September 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	-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 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; -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); - 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) ;
	<b>GEOHERMAL</b>			<b>50.00</b>			
Committed	Nasulo Geothermal Project	Energy Development Corporation	Nasuji, Valencia, Negros Oriental	50	-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- Jan 2013; -On-going construction started on Jan 2013; -Groundbreaking on 11 November 2012; -Project accomplishment:Phase 1 (civil works) -92%; Phase 2 (Electromechanical works) -70%; -Project cost \$91M	May 2014	July 2014

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	<b>HYDROPOWER</b>			<b>16.00</b>			
Committed	Villasiga HEP	Sunwest Water & Electric Co., Inc.	Brgy. Igsoro, Bugasong, Antique	8	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured from Bank;</li> <li>-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);</li> <li>-Already secured LGU Endorsements, DENR Environmental Compliance Certificate, and</li> <li>-Off-taker: Energy Sales Agreement with Antique Electric Cooperative;</li> <li>-Project cost Php1.4B</li> <li>- Construction is 94.85% complete as of February 2014;</li> <li>- Project cost Php1.4B</li> </ul>	March 2014	April 2014
Committed	Cantakoy	Quadriver Energy Corp.	Danao, Bohol	8.0	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured;</li> <li>-Secured Clearance from DOE for the conduct of GIS on 11 July 2011 ;</li> <li>-Construction was on-hold due to conflict with LGU</li> </ul>	tbd	tbd
	<b>SOLAR</b>			<b>8.00</b>			
Committed	San Carlos Solar Photovoltaic Power Project (Phase 2- 8 MW)	San Carlos Solar Energy Inc.	San Carlos City, Negros Occidental	8.00	<ul style="list-style-type: none"> <li>-Financial Arrangement Secured:100% equity financed;</li> <li>-Awarded with Solar Energy Service Contract (SESC No. 2013-09-037) on 30 October 2013;</li> <li>-Acquired ECC from DENR, Municipal and Barangay Resolutions of Support, Lease Agreements with land owners, and EPC Contract with Conergy and Schema Konsult, Inc.;</li> <li>-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;</li> <li>- Acquired the DOE Certificate of Confirmation of Commerciality on 11 March 2014;</li> <li>-Secured Clearance from DOE for the conduct of GIS on 25 June 2013 ;</li> <li>-Acquired NGCP System Impact Study and approval of Facility Study;</li> <li>-Construction Stage as of 31March 2014 (Pre-construction-95% completed,Construction-82% completed, Interconnection - 30% completed);</li> <li>-Obtained System Impact Study from NGCP;</li> <li>-Total project cost is US\$43.1Million;</li> </ul>	Phase 2 - June 2014	Phase 2 - July 2014

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Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	<b>WIND</b>			<b>104.00</b>			
Committed	Nabas Wind Power Project	Petrogreen 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> <ul style="list-style-type: none"> <li>-Awarded with Wind Energy Service Contract (WESC No. 2009-09-002) on 14 Sept 2009;</li> <li>-Conducted detailed wind resource assessment;</li> <li>-Completed final feasibility study on Aug 2012;</li> <li>-Secured Clearance from DOE for the conduct of GIS on 16 September 2011 ;</li> <li>-SIS Final Report from NGCP dated 1 Oct 2012;</li> <li>-Acquired ECC from DENR dated 4 Jun 2012;</li> <li>-Acquired CNO from NCIP; secured Barangay, Municipal, and Provincial Resolutions of Support; EPC Contract with EEI Corp. secured 31 Jul 2012;</li> <li>-Heads of Agreement with AKELCO for T/L construction secured 28 Nov 2012;</li> <li>- Acquired the DOE Certificate of Confirmation of Commerciality on 31 May 2013;</li> <li>-On-going construction as of 31 March 2014 ( Pre-construction -95% completed, Construction - 5% completed, Interconnection - 5% completed) ;</li> <li>-On-going land rights acquisition for WTG Foundations, access roads, and civil works on access roads;</li> <li>-Total project cost is US\$118.44M;</li> </ul>	December 2014	December 2014 (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: 30% equity and 70% debt; Submitted Letter of Loan Approval dated 12 December 2012 from various dated 12 December 2012;</p> <ul style="list-style-type: none"> <li>-Awarded with Wind Energy Service Contract (WESC No. 2009-10-009) on 23 Oct 2009;</li> <li>-Conducted detailed wind resource assessment; Completed feasibility study;</li> <li>-Secured various LGU permits and Resolutions of Support; Secured ECC permit for the wind farm on 19 Feb 2010; 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;</li> <li>-Secured NCIP Certificate of Non-Overlap on 23 Jul 2010;</li> <li>-Secured System Impact Study Final Report from NGCP;</li> <li>-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;</li> <li>-Turnkey EPC Contract awarded to Kanetmatsu in Nov 2012;</li> <li>-Secured Clearance from DOE for the conduct of GIS on 9 January 2012 ;</li> <li>-Acquired the DOE Certificate of Confirmation of Commerciality on 16 May 2013;</li> <li>-Conducted Groundbreaking Ceremony on 30 June 2013;</li> <li>-On-going construction as of 31 March 2014 (Pre-Construction - 96% complete, Construction - 13% complete, Interconnection -38% complete;</li> <li>- 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;</li> <li>-Total project cost is US\$140.9Million;</li> </ul>	February 2015	February 2015 (Target Testing and Commissioning)

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	<b>BIOMASS</b>			<b>57.60</b>			
Committed	46 MW Universal Robina Corporation Bagasse Cogeneration Facility	Universal Robina Corporation	Negros Occidental	31.00	-Financial Arrangement Secured; -On-going construction	September 2014	September 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 construction; -Various permits obtained (ECC,LGU Endorsement, Land Use Perit, 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, elctrical & machine shop - 87.14%;Site Development for Fuel Shed No.2 - 27.56%; Installation of Wind Turbine Generator-20%; -Project cost is \$3.5B	January 2015	February 2015
Committed	8.0 MW HPCo Bagasse Cogeneration Plant	Hawaiian Philippines Company	Negros Occidental	3.00	-Financial Arrangement Secured; -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); -Interconnection - 15% completed	2014	2014
Committed	Consolacion Landfill Methane Recovery and Electricity Generation	Asian Energy System Corporation	Cebu	3.6	-Financial Arrangement Secured: Loan approval from Bank granted on 25 May 2011; -On-going construction; -Permits obtained ECC on February 2010; -LGU Endorsement, Land Use Permit, etc.) -Has EPC; -Project cost is Php199M	June 2015	June 2015
Committed	26 MW VMCI Bagasse-Fired Cogeneration Plant	Victorias Milling Company Inc.	Negros Occidental	2.00	-Financial Arrangement Secured; -Secured Clearance from DOE for the conduct of GIS on 29 May 2013 ; -Operating for Own-Use	-	-

Total Committed Rated Capacity 587.60