

**PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)**

**INDICATIVE**

As of 31 May 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning
	<b>COAL</b>			<b>470.00</b>		
Indicative	PEDC Expansion Project Former report (1x150 MW Circulating Fluidized Bed (CFB) Coal-Fired Power Plant)	Panay Energy Development Corporation (Global Business Power Corporation)	Brgy. Ingore, La Paz, Iloilo	150	-Estimated Net Capacity: 130MW, Estimated Household: 120MW; -The target date for the start of the expansion project will be on on October 2013 and is expected to be completed in thirty three (33) months.GBPC is currently in the process of securing the Environmental Compliance Certificate (ECC) which is expected to be released by the end of July 2013; -Notice to Proceed (NTP) for the construction will be issued to the contractor as soon as the ECC will be released; - Ongoing negotiation with probable customers in Panay; -Securing necessary permits; secured clearance from DOE for the conduct of GIS for 82MW on 3 March 2011; -Project cost is Php6.199B.	2015
Indicative	1 X 20 MW FDC Danao CFB Coal Power Plant	FDC Utilities, Inc.	Danao City, Cebu	20	-Clearance to Underatake GIS from DOE issued on 17 October 2011; -Grid Impact Studies completed; -Technical and Financial Study completed; -Completed Lease Agreement with land owner signed;Signed supply contract with franchised electric cooperatives; -On-going securing of regulatory requirements and ECC; -Other required permits and endorsement to be secured upon completion of pre-con activities; -Other permits under process; EPC Contractor: Formosa Heavy Industries (FHI); Coal Supply - Semirara & Indonesian Coal; -Ongoing financing arrangements;Selection of EPC Contractor Ongoing; -Project cost is Php1.512B	2016

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Indicative	300 MW Therma Visayas Energy Project	Therma Visayas Inc.	Brgy. Bato, Toledo City, Cebu	300	<ul style="list-style-type: none"> <li>-Site feasibility tests to be completed by September 2012;</li> <li>-Done with the arrangement for securing the required land except for the remaining 2% of project site;</li> <li>-On-going discussions with target off-takers;</li> <li>-On-going securing of permits and other regulatory requirements;</li> <li>- On-going processing of the Certificate of Non-Overlap (CP/CNO) from the National Commission on Indigenous Peoples</li> <li>-ECC issued last May 2013;</li> <li>-BOI registered and GIS study on going; Acquisition of the parcels of the land in the target plant site is on-going;</li> <li>-Self-funded with on-going negotiations with financing institutions;</li> <li>-Tendering of EPC on-going;</li> <li>-Clearance to Undertake GIS from DOE issued on 16 June 2012;</li> <li>-Site development works to start by 1st Quarter of 2014;</li> <li>-Project cost is Php23B</li> </ul>	March 2017

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	<b>GEOHERMAL</b>			<b>89.00</b>		
Indicative	49 MW Biliran Geothermal Plant Project	Biliran Geothermal Incorporated	Biliran, Biliran	49	-On-going feasibility studies; -F15On-going processing of requirements such as GIS, LGU endorsement, DENR-ECC.	December 2015
Indicative	Dauin Geothermal Project	Energy Development Corporation	Dauin, Negros Oriental	40	-On-going feasibility studies; -On public land but portions of access road leading to Site sits on provate land; Land-use permits for areas on public land obtained; -Ongoing negotiations with lot owners for access road; DOE Service Contract Project Project within GRESC # 2009-10-002; -LGU endorsement obtained; SLUP Obtained; -TCP Obtained; RRW Obtained;Water rights obtained; DENR-ECC obtained; -Ongoing negotiations on the financing; -Commencement of Construction: 2016; -Target Commissioning December 2018; -Project cost is Php8.4B	December 2018
Indicative	Southern Leyte Geothermal Plant Geothermal Project (formerly known as Mt. Cabalian Geothermal)	Energy Development Corporation	Cabalian, Southern Leyte	TBA	-On-going commercial and technical studies -Radon gas survey in November 2013; -On public land; Land-Use permits obtained; -DOE Service Contract Mt. Cabalian GSC; Obtained DENR-ECC; Obtained LGU Endorsement; SLUP Obtained; TCP Obtained; RRW Obtained Water Rights for application; -On-going Negotiations with Financing Institutions; -Target Construction and Commissioning Date not yet finalized.	TBA

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	<b>HYDROPOWER</b>			<b>51.20</b>		
Indicative	Igbulo (Bais) Hydroelectric Power Project	Century Peak Energy Corporation	Igbaras, Iloilo	5.1	-Issued Confirmation of Commerciality on 26 June 2013; -Clearance to Undertake GIS from DOE issued on 14 August 2013; -Submission of lacking requirements e.g. permits in progress.	January 2015
Indicative	Hilabangan (Upper Cascade)	Century Peak Energy Corporation	Kabankalan, Negros Occidental	4.8	-Issued Confirmation of Commerciality on 02 October 2013; -Clearance to Undertake GIS from DOE issued on August 2013; -Submission of lacking requirements e.g. permits in progress.	August 2015
Indicative	Hilabangan (Lower Cascade)	Century Peak Energy Corporation	Kabankalan, Negros Occidental	3.0	-Issued Confirmation of Commerciality on 02 October 2013; -Clearance to Undertake GIS from DOE issued on August 2013; -Submission of lacking requirements e.g. permits in progress.	August 2015
Indicative	Maninila (Lower Cascade)	Century Peak Energy Corporation	San Remigio, Antique	4.5	-Issued Confirmation of Commerciality on 02 October 2013; -Clearance to Undertake GIS from DOE issued on August 2013; -Submission of lacking requirements e.g. permits in progress.	October 2016
Indicative	Maninila (Upper Cascade)	Century Peak Energy Corporation	San Remigio, Antique	3.1	-Issued Confirmation of Commerciality on 02 October 2013; -Clearance to Undertake GIS from DOE issued on August 2013; -Submission of lacking requirements e.g. permits in progress.	October 2016
Indicative	Sibalom (Upper Cascade)	Century Peak Energy Corporation	San Remigio, Antique	4.2	-Issued Confirmation of Commerciality on 02 October 2013; -Clearance to Undertake GIS from DOE issued on August 2013; -Submission of lacking requirements e.g. permits in progress.	October 2016
Indicative	Sibalom (Middle Cascade)	Century Peak Energy Corporation	San Remigio, Antique	4.0	-Issued Confirmation of Commerciality on 02 October 2013; -Clearance to Undertake GIS from DOE issued on August 2013; -Submission of lacking requirements e.g. permits in progress.	October 2016
Indicative	Sibalom (Lower Cascade)	Century Peak Energy Corporation	San Remigio, Antique	3.3	-Issued Confirmation of Commerciality on 02 October 2013; -Clearance to Undertake GIS from DOE issued on August 2013; -Submission of lacking requirements e.g. permits in progress.	October 2016
Indicative	Timbaban Hydroelectric Power Project	Oriental Energy and Power Generation Corporation	Madalag, Aklan	18	-Issued Confirmation of Commerciality on 28 May 2013; -Submission of lacking requirements e.g. permits in progress	August 2017

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Indicative	Loboc Hydroelectric Power Project	Sta. Clara Power Corporation	Loboc, Bohol	1.2	-Issued Confirmation of Commerciality on 3 June 2013; -Submission of lacking requirements e.g. permits in progress; -Conduct of Feasibility Study for the expansion on-going;	TBA

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	<b>SOLAR</b>			<b>30.00</b>		
Indicative	Leyte Solar Photovoltaic Power Project	Phil. Solar Farm-Leyte, Inc.	Ormoc City, Leyte	30	<ul style="list-style-type: none"> <li>-Awarded with Solar Energy Service Contract (SESC No. 2012-08-019) on 19 Sept 2012; Conducted Third Party SIS, currently under review by NGCP; Acquired ECC from DENR, CNO from NCIP, Provincial, Municipal and Barangay Resolutions of Support, Lease Agreements with land owners, EPC Contract with DS Steel Com. Ltd., and proofs of negotiations/certifications with financial institutions for project financing;</li> <li>-Clearance to Undertake GIS from DOE issued on 12 October 2012;</li> <li>-On-going negotiations for Project Financing;</li> <li>-Total project cost is US\$72.0Million;</li> <li>- Acquired the DOE Certificate of Confirmation of Commerciality on 31 May 2013;</li> <li>-Pre-Construction Stage - 15% completed as of 31 March 2014;</li> </ul>	January 2015

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Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning
	<b>WIND</b>			<b>50.00</b>		
Indicative	Pulupandan Wind Power Project	First Maxpower International Corporation	Pulupandan, Negros Occidental	50	<ul style="list-style-type: none"> <li>-Awarded with Wind Energy Service Contract (WESC No. 2010-02-037) on 1 Feb 2010;</li> <li>-Conducted detailed wind resource assessment; Completed feasibility study; Completed the conduct of GIS;</li> <li>-Secured various LGU permits and Resolutions of Support; Secured DENR ECC permit; Secured NCIP Certificate of Non-Overlap on 7 Jan 2013;</li> <li>-Secured clearances from MARINA, BFAR, Philippine Navy, and Philippine Coast Guard; Secured DPWH Road Right-of-Way for overhead T/L;</li> <li>-Conducted Third Party System Impact Study, currently under review by NGCP;</li> <li>-Secured proof of Consent from different Lot Owner; Conducted Public Consultation;</li> <li>-Project Cost: \$124,475,000.00;</li> <li>-Acquired the DOE Certificate of Confirmation of Commerciality on 17 Sept 2013;</li> <li>-Clearance to Undertake GIS from DOE issued on 19 March 2013;</li> <li>-Negotiation for financial closing with local financial institutions is ongoing and expected to be completed by February 2014 (70-30 debt equity ratio);</li> <li>-On-going construction; as of 31 March 2014 (Pre-Construction -43% completed);</li> <li>-On-going completion of Pre-construction activities including financial closing as per workplan;</li> </ul>	November 2015

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Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning
	<b>BIOMASS</b>			<b>46.00</b>		
Indicative	46 MW Biomass-Fired Cogeneration Power Plant	Universal Robina Corporation	Kabankalan, Negros Occidental	46	<ul style="list-style-type: none"> <li>-Preparation of Project Site:</li> <li>- Final site survey to set elevations and equipment locations necessary for installation works; Excavation and Backfilling at laydown area, grid substation swtchyard, cooling tower area an new powerhouse building; Excavate new route to replace existing open channel water canal with piped water input to Factory side pumphouse;</li> <li>Marketing of Capacities:</li> <li>- On-going Negotiations (Milling Season: Own-Use - 15MW/ Export to Grid - 22MW; Off-Milling Season: Own-Use - 5MW/Export to Grid - 38MW) ;</li> <li>- Permits and Other Regulatory Requirements: RE: Biomass RE Operating Contract (BREOC No. 2013-11-040) between DOE and URC notarized 12-05-2013;</li> <li>-DOE Endorsement to NGCP to conduct Third Party System Impact Study was awarded to PSRC Group;</li> <li>-Financing Arrangements: 100% Equity of Universal Robina Corporation (subject to the submission of required documents);</li> <li>-Construction Contracts for Plant and Equipment;05 April 2013 - Project Engineering, awarded to SUTECH, Thailand</li> <li>- 30% completion; 25 April 2013 - Awarded 16MW TG to Shin Nippon Machinery, Japan; 12 Nov. 2013 - Received drawings of Power House Building, Turbo Generator from A.C. Arojado; 19 Dec 2013- Awarded construction of Power house building, Turbo Generator foundation to Dakay Construction (6 months completion starting Feb 2014) - 34&amp; completion; 28 Nov 2013 - Construction of Sub-Station/Switchyard/Transmission - Awarded to Asiaphil;</li> <li>-Awarded various transformers to JC Electrofields (SHENDAI ELECTRIC) - 9% completion;</li> </ul>	July 2014
	<b>BATTERY</b>			<b>40.00</b>		
Indicative	40 MW Battery Storage Project	AES Philippines Power Partners Co., LTD.	Kabankalan, Negros Occidental	40	<ul style="list-style-type: none"> <li>-On-going feasibility study;</li> <li>- Option to lease was secured on 18 September 2013; Lease Contract for finalization. Sanggunian Panlalawigan issued Resolution 98-2077 declaring the lot as industrial.;</li> <li>-Conversion process on-going;</li> <li>- ECC scoping on-going.SIS from NGCP expected to be released on 30 October 2013;</li> <li>- Financing Arrangement: On-going negotiations with International/Local banks;</li> <li>-Selection of Owner's Engineer On-going for the Construction Contracts for Plants and Equipment;</li> <li>-Clearance to Underatake GIS from DOE issued on 31 January 2013;</li> <li>-Target Commencement of Construction: May 2014;</li> </ul>	March 2015

Total Indicative Rated Capacity 776.20



Target Commercial Operation
2015 (Target Testing and Commissioning)
2016 (Target Testing and Commissioning)

**Target Commercial  
Operation**

June 2017

Target Commercial Operation
December 2015 (Target Testing and Commissioning)
December 2018 (Target Testing and Commissioning)
TBA

<b>Target Commercial Operation</b>
January 2015 (Target Testing and Commissioning)
August 2015 (Target Testing and Commissioning)
August 2015 (Target Testing and Commissioning)
October 2016 (Target Testing and Commissioning)
October 2016 (Target Testing and Commissioning)
October 2016 (Target Testing and Commissioning)
October 2016 (Target Testing and Commissioning)
October 2016 (Target Testing and Commissioning)
August 2017 (Target Testing and Commissioning)

**Target Commercial  
Operation**

TBA

**Target Commercial  
Operation**

January 2015  
(Target Testing and  
Commissioning)

**Target Commercial  
Operation**

November 2015  
(Target Testing and  
Commissioning)

**Target Commercial  
Operation**

July 2014  
(Target Testing and  
Commissioning)

March 2015  
(Target Testing and  
Commissioning)