

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)  
 COMMITTED  
 As of 15 February 2016

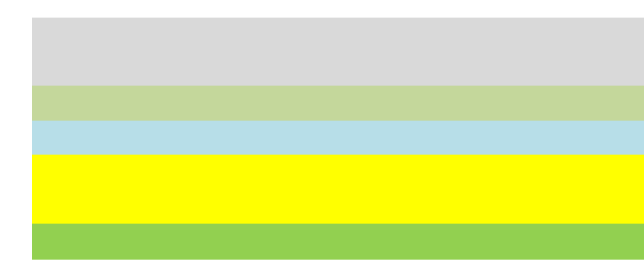
Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	<b>COAL</b>			<b>420.00</b>			
Committed	PEDC Expansion Project Former report (1x150 MW Circulating Fluidized Bed (CFB) Coal-Fired Power Plant)	Panay Energy Development Corporation (Global Business Power Corporation)	Brgy. Ingore, La Paz, Iloilo	150	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -ECC secured -Notice to Proceed (NTP) secured -GIS- secured clearance from DOE for 82MW on 03 March 2011 <b>Off-Takers</b> -Panay-Guimaras Power Supply Consortium (PPSG) - 25yr power supply deal for 24 MW -Other negotiations are ongoing and confidential <b>Financial Arrangements</b> - 26 March 2015 - PEDC signed a PhP11B loan to 6 Financial Institutions -Project cost is Php6.199B (FS submitted on 10/19/2015) <b>Contracts for Plant and Equipment</b> -June 2014 - Turnover of project site to Formosa Heavy Industries -EPC Contractors: Formosa Heavy Industry Poyry Energy <b>Project Progress</b> -07 March 2014 – Ground Breaking -14 August 2014-Start of Construction -Overall Progress: 72.8% completed vs. 74.8% Planned (as of January 2016)	June 2016	July 2016
Committed	2 X 135 MW Concepcion Coal-Fired Power Plant Unit 1-135MW (1st Unit) Unit 2-135MW (2nd Unit)	Palm Concepcion Power Corp. (Formerly DMCI Concepcion Power Corp.)	Brgy. Nipa, Concepcion, Iloilo	270	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Feasibility Study-March 2006 -DAR Conversion Order-Sept 2008; SEC-22 Nov 2010; DENR Final SIS Report-approved by NGCP on 17 July 2012 BOI-amended 02 Oct 2012; Connection Agreement with NGCP-01 Oct 2012; ECC-03 June 2013; NCIP- issued by DOE on 03 June 2014 for Unit 1; Appraisal Report for the PPA/MLA from the DENR Regional Director-Oct 2014; Endorsements from LGUs and local permits secured; Necessary land requirements secured <b>Financial Arrangements</b> -24 July 2013-Financial Closure Secured -Project cost is Php26.356B <b>Offtakers</b> For Unit 1-AKELCO-22 MW; PECO-10MW; CAPELCO-2MW; CENECO-35MW; NONECO (formerly VRESCO)-13MW; NOCECO-10MW; NORECO 1-5MW; CEBECO 2-10MW; SOLECO-4MW (updated as of Sept 2015) <b>Construction Contracts for Plant and Equipment</b> -Signed and awarded various contracts <b>Project Progress</b> -15 Jan 2013-Ground Breaking -18 July 2013-Commencement of Construction for 1st Unit -Feb 2016 - Transmission is 100% completed -Overall Progress: 96.80% completed vs. 95.67% planned (as of 31 Jan 2016)	Unit I - June 2016 Unit II - May 2016 to September 2016 (to be firmed up)	Unit I - June 2016 Unit II - Dec 2018 (to be firmed up)
	<b>OIL</b>			<b>18.90</b>			
	18.9MW Calumangan Diesel Power Plant	Energreen Power Development & Management, Inc.	Brgy. Calumangan, Bago City, Negros Occidental	18.9	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Feasibility Study-completed -Environmental Impact Assessment Study-Sept 2012 -DOE: w/ MOA and COE - 100% -ERC: Approval of Supply Agreement - Provisional Approval dated 10 Nov 2014 - 100%; COC - 95%; Occular inspection conducted on Feb 3-5, 2016; Authority to develop and own or operate dedicated point-to-point limited transmission facilities - 100%; Approved by ERC on Oct. 29, 2015 -Brgy. Calumangan Endorsement -01 September 2012 -DENR: ECC - 21 Nov 2013; PTO - 100%; Provisional PTO pending conduct of emission test -PEMC: Application for WESM Direct Membership - 29 Jan 2015; required submission of various documents mostly from NGCP and some for ERC - 100% -NGCP issued Certificates of Approval to Connect (40MVA Substation-13 Nov 2015; 100m Line-04 Nov 2015; Unit 2 5MW-22 Jan 2016); Connection, Transmission & Metering Service Agreement - signed and transmitted back to NGCP10 Feb 2016 for signature <b>Off-Takers</b> -70% of dependable capacity contracted to CENECO <b>Financial Arrangements</b> Financially Closed <b>Contracts for Plant and Equipment</b> -100 % Secured <b>Project Progress</b> - Dec 2013-Commencement of Construction	Unit 1 - 5MW Mar 11-15, 2016 Unit 2 - 5 MW Jan 26-29, 2016 Unit 3 - 5 MW Mar 11-15, 2016 Unit 4 - 3.9 MW May 26, 2016	Unit 1 - 5MW April 2016 Unit 2 - 5 MW April 2016 Unit 3 - 5 MW April 2016 Unit 4- 3.9 MW May 29, 2016
	<b>GEOHERMAL</b>			<b>50.00</b>			
Committed	Biliran Geothermal Plant Project	Biliran Geothermal Incorporated	Biliran, Biliran	50	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Geothermal Service Contract from DOE-obtained -ECC-secured for the proposed Geothermal Exploration Drilling and Biliran Power Plant Project on December 06, 2012 and August 23, 2013, respectively. -Confirmation of Commerciality-obtained from DOE on 28 December 2014 <b>Financial Arrangements</b> -Memorandum of Understanding by and among Envent Holdings Philippines, Inc. (EHPI) and Philippine Associated Smelting and Refining Corp. (PASAR) signed on May 10, 2013 -Project Cost US\$ 208.021 M	August 2016	Phase 1 - Sept 2016 Phase 2 - Oct 2016 Phase 3 - July 2017 Phase 4 - Nov 2017

HYDROPOWER				21.90			
Committed	Villasiga HEP	Sunwest Water & Electric Co., Inc.	Brgy. Igsoro, Bugasong, Antique	8.00	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> Obtained the following: - Water Permit - 19 February 2010, - Reconnaissance Permit - ECC-08 July 2010 - BOI-24 November 2010 - DOE Hydropower Service Contract -01 Feb 2010 - LGU Endorsements - DENR Environmental Compliance Certificate - DOE CoCC-10 October 2014 <b>Financial Arrangements</b> -Financial Arrangement Secured from Bank -Project cost Php1.4B <b>Off-Takers</b> Energy Sales Agreement with Antique Electric Cooperative <b>Project Progress</b> -99.07 %-Construction and Interconnection	July 2015	April 2016
Committed	Igbulo (Bais) Hydroelectric Power Project	Century Peak Energy Corporation	Igbaras, Iloilo	5.1	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> - Confirmation of Commerciality-issued on 26 June 2013 - GIS-issued by DOE on 14 August 2013 - Ongoing submission of other reportorial requirements <b>Project Progress</b> -Ongoing Construction	December 2017	June 2018 (Target Testing and Commissioning)
Committed	Cantakoy	Quadraver Energy Corp.	Danao, Bohol	8.00	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -GIS-secured clearance from DOE on 11 July 2011 <b>Financial Arrangement</b> -Financial Arrangement Secured <b>Project Progress</b> -Construction on-hold due to conflict with LGU	June 2018	June 2018
Committed	Amlan HEPP	Natural Power Sources Integration, Inc.	Amlan, Negros Oriental	0.8	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Confirmation of Commerciality-Issued on 25 September 2014 -Submission of lacking requirements, permits in progress	November 2019	December 2019
SOLAR				302.15			
Committed	Miag-ao Solar Power Project	COSMO Solar Energy, Inc.	Miag-ao, Iloilo	5.67	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Covered by Solar Energy Services (SESC No. 2013-09-036) on 31 October 2013 -Declaration of Commerciality- filed on 26 September 2014 -DOE Certificate of Commerciality- acquired on 12 January 2015 <b>Project Progress</b> -Pre-Construction-100% -Construction-100% -Interconnection-100%	February 2016	April 2016
Committed	La Carlota Solar Power Project Phase A (SACASOL II-A)	San Carlos Solar Energy Inc.	La Carlota City, Negros Occidental	18	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Covered by Solar Energy Service Contract (SESC No. 2013-09-037) on 30 October 2013; -DOE Certificate of Confirmation of Commerciality-acquired on 01 April 2015 <b>Project Progress</b> -Pre-Construction-94% -Construction-55% -Interconnection-21%	March 2016	April 2016 (Target Testing and Commissioning)
Committed	Cadiz Solar Power Project	Phil.Power Exploration & Development Corporation	Brgy., Tinampa-an Cadiz City, Negros Occidental	132.5	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -DOE Certificate of Confirmation of Commerciality-acquired on 11 December 2014. -Solar Energy Services (SESC No. 2013-06-035)-awarded on 3 July 2013; -Solar Energy Services (SESC No. 2013-06-035)-awarded on 3 July 2013; -Declaration of Commerciality-filed on 02 September 2014 <b>Project Progress</b> -Pre-Construction-100% -Construction-100% -Interconnection-100%	March 2016	April 2016 (Target Testing and Commissioning)
Committed	Manapla Solar Power Plant Project (SACASOL III)	Negros Island Solar Power Inc.	Manapla, Negros Occidental	48	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Covered by Solar Energy Service Contract (SESC No. 2014-05-080) on 10 June 2014; -DOE Certificate of Confirmation of Commerciality-acquired on 10 November 2015 -with SIS Clearance	March 2016	April 2016 (Target Testing and Commissioning)

Committed	Bais City Solar Power Project (SACASOL IV)	Monte Solar Power Inc.	Bais City, Negros Occidental	25	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Covered by Solar Energy Service Contract (SESC No. 2014-09-090) on 15 September 2014; -with SIS Clearance	March 2016	April 2016 (Target Testing and Commissioning)
Committed	La Carlota Solar Power Project Phase A (SACASOL II-B)	Negros Island Solar Power Inc.	La Carlota City, Negros Occidental	14	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Covered by Solar Energy Service Contract (SESC No. 2015-04-220) on 17 April 2015; -with SIS Clearance	March 2016	April 2016 (Target Testing and Commissioning)
Committed	SACASUN Solar Power Project	San Carlos Solar Energy Inc.	San Carlos City, Negros Occidental	58.98	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Covered by Solar Energy Service Contract (SESC No. 2015-05-226) on 14 May 2015; -with SIS Clearance	March 2016	April 2016 (Target Testing and Commissioning)
	<b>WIND</b>			<b>14.00</b>			
Committed	Nabas Wind Power Project Phase I - 34 Phase II-16	PetroWind Energy Corporation	Brgy. Pawa, Nabas, Aklan	14	<b>Feasibility Studies, Permits and Other Regulatory Requirements</b> -Wind Energy Service Contract-14 Sept 2009; -Detailed Wind Resource Assessment-conducted -GIS-secured clearance from DOE on 16 September 2011 -ECC-acquired from DENR dated 4 Jun 2012 -Final Feasibility Study-Aug 2012 -SIS Final Report from NGCP- 01 Oct 2012 -CNO-acquired from NCIP -Barangay, Municipal, and Provincial Resolutions of Support-secured -DOE Certificate of Confirmation of Commerciality-acquired the on 31 May 2013 <b>Financial Arrangements</b> -Financial Arrangement Secured-submitted certification dated 31 August 2012 from Lead Arranger, ensuring the required financing is already available if needed; Total project cost is US\$118.44M <b>Contracts for Plant and Equipment</b> -EPC Contract with EEI Corp. secured 31 Jul 2012 <b>Off-Takers</b> -Heads of Agreement with AKELCO for T/L construction secured 28 Nov 2012 <b>Project Progress</b> -Ongoing Construction	Phase 1 (36 MW) - March 2015 (Operational since June 10, 2015)  Phase 2 (14 MW) -Dec 2017	Phase 1 (36 MW) - June 2015 (Operational since June 10, 2015) Phase 2 (14 MW) -Dec 2017  (Target Testing and Commissioning)
	<b>BIOMASS</b>						

Total Committed Rated Capacity 826.95

\* Committed Project(s)  
COAL  
OIL  
GEOTHERMAL  
HYDROPOWER  
WIND  
SOLAR  
BIOMASS



420.00  
18.90  
50.00  
21.90  
14.00  
302.15  
-  
826.95