

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)
COMMITTED
As of 31 August 2019

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL						
Committed	Palm Concepcion Coal-Fired Power Plant	Palm Concepcion Power Corp. (Formerly DMCI Concepcion Power Corp.)	Brgy. Nipa, Concepcion, Iloilo	135	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> -Feasibility Study completed - March 2006 -Environmental Impact Statement – June 2006 -Hydrology and Flood Release Analyses and Geotechnical Earthquake Risk Analysis – Jun 2011 -Geotechnical Foundation & Engineering Geological Investigations – Jun 2011 -Geotechnical Foundation and Geohazards Risk Investigations – Aug 2011 -Market Study of the Power Requirements in the Visayas -Final SIS Report from NGCP received on July 17, 2012 -More confirmatory studies done <p>-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</p> <p>-EPC Contract has already been signed.</p> <p>Financial Arrangements</p> <ul style="list-style-type: none"> -24 July 2013-Financial Closure Secured -Project cost is Php26.356B -6th Drawdown on December 2016 <p>Construction Contracts for Plant and Equipment</p> <ul style="list-style-type: none"> -Signed and awarded various contracts 	Dec 2021	Dec 2021
	Natural Gas						
	OIL						
				0			
				114.58			
Committed	Modular Diesel Ancillary Service Power Plant	Isabel Ancillary Services Co. Ltd. (Formerly Marubeni Diesel Genset Facility)	Isabel, Leyte	70	<p>FEASIBILITY STUDY</p> <ul style="list-style-type: none"> • Completed <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND</p> <ul style="list-style-type: none"> • Terms and Land Lease Agreement with National Development Government (NDC) already finalized; Landlease Agreement with NDC has been executed <p>MARKETING OF GENERATING CAPACITIES</p> <ul style="list-style-type: none"> • All generating capacity is to be dedicated to provide Ancillary Services to the National Grid Corporation of the Philippines (NGCP). Terms of the Ancillary Services Procurement Agreement with NGCP are near to finalization. To be executed upon the completion of Accreditation Test, which is expected on April 2019. <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 25 May 2016 (DOE-EPIMB-SIS No. 2017-05-007) • ECC- Application to amend the existing ECC on process, currently under review by DENR, expected by November 2018 • SIS- SIS approved by NGCP. • Facility Study - Approved by NGCP. <p>FINANCIAL ARRANGEMENT</p> <ul style="list-style-type: none"> • Finance to be provided through equity contribution by the parent companies; Marubeni Corporation and Desco Inc. 	2019	2019
Committed	Diesel-Fired Power Plant	Therma Power Visayas, Inc.	Brgy. Colon, Naga City, Cebu	44.58	<p>FEASIBILITY STUDY</p> <ul style="list-style-type: none"> •Already existing power plant when acquired. •NGCP conducted a Technical Inspection last 27 March 2019, Waiving the SIS and FS <p>MARKETING OF GENERATED CAPACITIES</p> <ul style="list-style-type: none"> •NGCP Ancillary Service, WESM <p>PERMITS AND OTHER REGULATORY REQUIREMENTS</p> <ul style="list-style-type: none"> •SEC •Mayor's Permit •DILG •BIR •Philhealth •PAG-IBIG •SSS <p>ESTIMATED OF JOBS GENERATED</p> <ul style="list-style-type: none"> •During Construction: 24 jobs as of April 2019 (operations maintenance, corporate services) <p>FINANCING ARRANGEMENTS</p>	<p>Diesel Engine 1: Sept 1W</p> <p>Diesel Engine 2: Done</p> <p>Diesel Engine 3: Sept 2W</p> <p>Diesel Engine 4: Sept 1W</p> <p>Diesel Engine 5: Sept 2W</p> <p>Diesel Engine 6: Done</p>	<p>Diesel Engine 1: Oct 15, 2019</p> <p>Diesel Engine 2: Sep 30, 2019</p> <p>Diesel Engine 3: Oct 30, 2019</p> <p>Diesel Engine 4: Oct 15, 2019</p> <p>Diesel Engine 5: Oct 30, 2019</p> <p>Diesel Engine 6: Sept 30, 2019</p>

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	GEOTHERMAL			50			
Committed	Biliran Geothermal Plant Project	Biliran Geothermal Incorporated	Biliran, Biliran	50	<p>Feasibility Studies, Permits and Other Regulatory Requirements -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</p> <p>Financial Arrangements -Memorandum of Understanding by and among Envent Holdings Philippines, Inc. (EHPI) and Philippine Associated Smelting and Refining Corp. (PASAR) signed on May 10, 2013</p> <p>Project Cost US\$ 208.021 M</p>	Unit 1 (5 MW) - July 16, 2021	Unit 1 (5 MW) - July 16, 2021 Unit 2 (5 MW) - September 6, 2023 Unit 3 (10 MW) - March 26, 2024 Unit 4 (10MW) - January 6, 2025 Unit 5 (10 MW) - October 27, 2025 Unit 6 (10 MW) - June 9, 2026
	HYDROPOWER			23.1			
Committed	Igbulo (Bais) Hydroelectric Power Project	Century Peak Energy Corporation	Igbaras, Iloilo	5.1	<p>Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 26 June 2013 - GIS-issued by DOE on 14 August 2013 - Ongoing submission of other reportorial requirements</p> <p>Project Progress -Ongoing Construction</p>	November 2019	December 2019
Committed	Timbaban	Oriental Energy and Power Generation Corporation	Madalag, Aklan	18.0	Issued Confirmation of Commerciality on 28 May 2013; Ongoing construction of hydro facilities	November 2019	December 2019
	SOLAR			0			
	WIND			0			
	BIOMASS			226.58			
Committed	Bais Bagasse-Fired Cogeneration Power Plant Project	Central Azucarera de Bais	Calasagan, Bais City, Negros Occidental	25	<p>Project Progress -Ongoing Construction</p>	August 2019	September 2019
Committed	BISCOM Cogeneration Power Plant Project	BISCOM, Inc.	Binalbagan, Negros Occidental	48	<p>Project Progress -Ongoing Construction</p>	October 2019	October 2019
Committed	Biomass Power Plant Project	HDJ Bayawan Agri-Venture Corporation	Himamaylan City, Negros Occidental	3	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: 29 August 2018 (DOE-EPIMB-RE-SIS No. 2018-08-002) Ongoing applications of requirements; Issued with SIS on</p> <p>COMMENCEMENT OF CONSTRUCTION: On-going construction at (75%)</p>	September 2019	December 2019
Committed	Biomass Power Plant Project	North Negros Biopower, Inc.	Manapla, Negros Occidental	25	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued clearance to undertake SIS on 16 July 2018 (DOE-EPIMB-SIS No. 2018-07-002)</p>	November 2019	December 2019
Committed	SNBI Cane trash-Fired Biomass Power Plant Project	South Negros BioPower, Inc.	Negros Occidental	25	<p>Project Progress -has attained 100% preconstruction, 80% construction and installation of 100% interconnection completion of project activities. -Has complied at least 80% electro-mechanical completion in order to be nominated for FIT eligibility.</p>	2019	December 2019
Committed	BIOMASS POWER PLANT EXPANSION PROJECT	Victorias Milling Company, Inc.	Victoria, Negros Occidental	60	<p>PERMITS AND REGULATORY REQUIREMENTS: -SEC (Certificate of Registration) -DOE (Certificate of Registration) -BOI (Certificate of Registration) -DENR (ECC) -DOE COE to ERC</p> <p>JOBS GENERATED: Construction Phase: 18</p>		TBD
Committed	SCBI Multi-Feedstock Biomass Power Plant Project	San Carlos Biopower, Inc.	Negros Occidental	20	<p>MARKETING AND GENERATING CAPACITIES: Project Progress -Ongoing Testing and Commissioning</p>		End of 2nd Quarter of 2019
Committed	HPC Cogeneration Power Plant Project	Hawaiian-Philippine Company	Negros Occidental	20.58	<p>Project Progress -Ongoing Testing and Commissioning</p>	December 2019	December 2019

Total Committed Rated Capacity 549.26

SUMMARY - COMMITTED PROJECTS (VISAYAS)

	MW	% Share
COAL	135.0	24.6%
DIESEL / OIL	114.6	20.9%
NATURAL GAS	0.0	0.0%
RENEWABLE ENERGY	299.7	54.6%
GEOTHERMAL	50.0	9.1%
HYDROPOWER	23.1	4.2%
BIOMASS	226.6	41.3%
SOLAR	0.0	0.0%
WIND	0.0	0.0%
TOTAL	549.3	
*BESS	0.0	