

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)  
**COMMITTED**  
As of 31 August 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	<b>COAL</b>			<b>135</b>			
Committed	Palm Concepcion Coal-Fired Power Plant	Palm Concepcion Power Corp. (Formerly DMCI Concepcion Power Corp.)	Brgy. Nipa, Concepcion, Iloilo	135	<p><b>Feasibility Studies, Permits and Other Regulatory Requirements</b></p> <ul style="list-style-type: none"> <li>-Feasibility Study completed - March 2006</li> <li>-Environmental Impact Statement – June 2006</li> <li>-Hydrology and Flood Release Analyses and Geotechnical Earthquake Risk Analysis – Jun 2011</li> <li>-Geotechnical Foundation &amp; Engineering Geological Investigations – Jun 2011</li> <li>-Geotechnical Foundation and Geohazards Risk Investigations – Aug 2011</li> <li>-Market Study of the Power Requirements in the Visayas</li> <li>-Final SIS Report from NGCP received on July 17, 2012</li> <li>-More confirmatory studies done</li> <li>-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</li> <li>-EPC Contract has already been signed.</li> </ul> <p><b>Financial Arrangements</b></p> <ul style="list-style-type: none"> <li>-24 July 2013-Financial Closure Secured</li> <li>-Project cost is Php26.356B</li> <li>-6th Drawdown on December 2016</li> </ul> <p><b>Construction Contracts for Plant and Equipment</b></p> <ul style="list-style-type: none"> <li>-Signed and awarded various contracts</li> </ul>	Dec 2021	Dec 2021
	<b>NATURAL GAS</b>			<b>0</b>			
	<b>OIL-BASED</b>			<b>114.58</b>			
Committed	Diesel-Fired Power Plant	Therma Power Visayas, Inc.	Brgy. Colon, Naga City, Cebu	44.58	<p><b>FEASIBILITY STUDY</b></p> <ul style="list-style-type: none"> <li>•Already existing power plant when acquired.</li> <li>•NGCP conducted a Technical Inspection last 27 March 2019, Waiving the SIS and FS</li> </ul> <p><b>MARKETING OF GENERATED CAPACITIES</b></p> <ul style="list-style-type: none"> <li>•NGCP Ancillary Service, WESM</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS</b></p> <ul style="list-style-type: none"> <li>•SEC; Mayor's Permit; DILG; BIR; Philhealth; PAG-IBIG; SSS</li> </ul> <p><b>ESTIMATED OF JOBS GENERATED</b></p> <ul style="list-style-type: none"> <li>•During Construction: 24 jobs as of April 2019 (operations maintenance, corporate services)</li> </ul> <p><b>FINANCING ARRANGEMENTS</b></p> <ul style="list-style-type: none"> <li>•Estimated project Cost= P982M</li> <li>•Equity-Loan Ration (PNB)</li> </ul> <p><b>EPC Contractor</b></p> <ul style="list-style-type: none"> <li>•TPVI- Plant Design and Engineering Team</li> </ul>	Diesel Engine 1: Nov 4W Diesel Engine 2: Done Diesel Engine 3: Nov 4W Diesel Engine 4: Nov 4W Diesel Engine 5: Nov 4W Diesel Engine 6: Done	August 2020
Committed	Isabel Modular Diesel Ancillary Service Power Plant	Isabel Ancillary Services Co. Ltd. (Formerly Marubeni Diesel Genset Facility)	Isabel, Leyte	70	<p><b>FEASIBILITY STUDY</b></p> <ul style="list-style-type: none"> <li>• Completed</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND</b></p> <ul style="list-style-type: none"> <li>• Terms and Land Lease Agreement with National Development Government (NDC) already finalized; Landlease Agreement with NDC has been executed</li> </ul> <p><b>MARKETING OF GENERATING CAPACITIES</b></p> <ul style="list-style-type: none"> <li>• 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.</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>• Issued with GIS on 25 May 2016 (DOE-EPIMB-SIS No. 2017-05-007)</li> <li>• ECC- Application to amend the existing ECC on process, currently under review by DENR, expected by November 2018</li> <li>• SIS- SIS approved by NGCP.</li> <li>• Facility Study - Approved by NGCP.</li> </ul> <p><b>FINANCIAL ARRANGEMENT</b></p>	Nov 2020	Jun 2021

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	<b>BIOMASS</b>			<b>153.58</b>			
Committed	Biomass Power Plant Project	North Negros Biopower, Inc.	Manapla, Negros Occidental	25	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> • Issued clearance to undertake SIS on 16 July 2018 (DOE-EPIMB-SIS No. 2018-07-002)	Nov 2019	100% Complete (waiting for CNP TL Project completion)
Committed	SNBI Cane trash-Fired Biomass Power Plant Project	South Negros BioPower, Inc.	Negros Occidental	25	<b>Project Progress</b> -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.	Oct 2019	100% Complete (waiting for CNP TL Project completion)
Committed	VMC Biomass Expansio Project	Victorias Milling Company, Inc.	Victoria, Negros Occidental	60	<b>PERMITS AND LICENSES:</b> -SEC (Certificate of Registration) -DOE (Certificate of Registration) -BOI (Certificate of Registration) -DENR (ECC) -DOE COE to ERC <b>JOBS GENERATED:</b> -Construction Phase: 18 -Operational Phase: 29 <b>FINANCIAL CLOSING:</b> -Loan of Php1,500,000,000.00 <b>OFF-TAKER:</b> -Feed-in-Tariff <b>EPC Contractor:</b> -Thermax Corporate	1-Jan 2021; Completion of Cebu-Negros-Panay interconnection Grid	1-Jan 2021; Completion of Cebu-Negros-Panay interconnection Grid
Committed	SCBI Multi-Feedstock Biomass Power Plant Project	San Carlos Biopower, Inc.	Negros Occidental	20	<b>MARKETING AND GENERATING CAPACITIES:</b> -FIT eligibility <b>'PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> -Permits from Lgus -DENR ECC -BOI Certificate -DOE Clearance to undertake SIS -DOE COE to ERC	Nov 2019	100% Complete (waiting for CNP TL Project completion)
Committed	HPC Cogeneration Power Plant Project	Hawaiian-Philippine Company	Negros Occidental	20.58	<b>Project Progress</b> -Ongoing Testing and Commissioning; 95% complete	2020	100% Complete (waiting for CNP TL Project completion)
Committed	Biomass Power Plant Project	HDJ Bayawan Agri-Venture Corporation	Himamaylan City, Negros Occidental	3	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Ongoing applications of requirements; Issued with SIS on 29 August 2018 (DOE-EPIMB-RE-SIS No. 2018-08-002) <b>COMMENCEMENT OF CONSTRUCTION:</b> On-going construction at (75%)	Sep 2019	Dec 2020
	<b>SOLAR</b>			<b>0</b>			
	<b>WIND</b>			<b>0</b>			

**Total Committed Rated Capacity 403.16**

	<b>BESS</b>			<b>270</b>			
Committed	Ormoc Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Ormoc, Leyte	20	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)	Jan 2021	Jan 2021

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Committed	Toledo Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Toledo City, Cebu	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-004)	Jan 2021	Jan 2021

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Committed	Caticlan Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Caticlan	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)	Jan 2021	Jan 2021
Committed	Iloilo Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Iloilo	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)	Jan 2021	Jan 2021
Committed	Mactan Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Mactan, Cebu	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)	Jan 2021	Jan 2021
Committed	Bohol Battery Energy Storage System	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Bohol	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 12 July 2019 (DOE-EPIMB-SIS NO. 2019-06-007)	Jan 2021	Jan 2021
Committed	Cebu Battery Energy Storage System	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Compostela, Cebu	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 12 July 2019 (DOE-EPIMB-SIS NO. 2019-06-007)	Jan 2021	Jan 2021
Committed	Samboan Battery Energy Storage System	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Samboan, Cebu	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 12 July 2019 (DOE-EPIMB-SIS NO. 2019-06-007)	Jan 2021	Jan 2021
Committed	Tabango Battery Energy Storage System	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Tabango, Leyte	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 12 July 2019 (DOE-EPIMB-SIS NO. 2019-06-007)	Jan 2021	Jan 2021
Committed	Mactan Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Mactan, Cebu	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 12 July 2019 (DOE-EPIMB-SIS NO. 2019-06-007)	Jan 2021	Jan 2021
Committed	San Carlos Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	San Carlos City, Negros Occidental	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-002)	Jan 2021	Jan 2021
Committed	Naga Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Naga, Cebu	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-002)	Jan 2021	Jan 2021
Committed	Kabankalan Integrated Renewable Power Hub Facility (R-Hub)	SMCGP PHILIPPINES ENERGY STORAGE CO. LTD.	Kabankalan, Negros Occidental	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 26 March 2020 (DOE-EPIMB-SIS No. 2020-03-013)	TBD	TBD
Committed	Bais Battery Energy Storage	Monte Solar Energy, Inc.	Negros Oriental	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 14 February 2019 (DOE-EPIMB-SIS No. 2019-01-003)	TBD	TBD

**SUMMARY - COMMITTED PROJECTS (VISAYAS)**

	MW	% Share
<b>COAL</b>	<b>135.0</b>	<b>33.5%</b>
<b>OIL-BASED</b>	<b>114.6</b>	<b>28.4%</b>
<b>NATURAL GAS</b>	<b>0.0</b>	<b>0.0%</b>
<b>RENEWABLE ENERGY</b>	<b>153.6</b>	<b>38.1%</b>
<b>GEOTHERMAL</b>	<b>0.0</b>	<b>0.0%</b>
<b>HYDROPOWER</b>	<b>0.0</b>	<b>0.0%</b>
<b>BIOMASS</b>	<b>153.6</b>	<b>38.1%</b>
<b>SOLAR</b>	<b>0.0</b>	<b>0.0%</b>
<b>WIND</b>	<b>0.0</b>	<b>0.0%</b>

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		<b>TOTAL</b>		<b>403.2</b>			
		*BESS		270.0			