

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

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			135			
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> <ul style="list-style-type: none"> -EPC Contract has already been signed. <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 	Oct 2024	Dec 2024
	NATURAL GAS			0			
	OIL-BASED			70			
Committed	Isabel Modular Diesel Ancillary Service Power Plant	Isabel Ancillary Services Co. Ltd. (Formerly Marubeni Diesel Genset Facility)	Isabel, Leyte	70	<p>FEASIBILITY STUDY: Completed</p> <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. - Awaiting ASPA processing and approval <p>FINANCIAL ARRANGEMENT: Finance to be provided through equity contribution by the parent companies; Marubeni Corporation and Desco Inc.</p>	Nov 2020	Jun 2021
	Geothermal			50			
Committed	Biliran Geothermal Plant Project	Biliran Geothermal Incorporated	Biliran, Biliran	50	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> -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>Financial Arrangements</p> <ul style="list-style-type: none"> -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>Project Cost US\$ 208.021 M</p>	<p>Unit 1 (3.5 MW): Dec 2022</p> <p>Unit 2 (4.5 MW): Dec 2024</p> <p>Unit 3 (10 MW): Dec 2025</p> <p>Unit 4 (10 MW): Dec 2026</p> <p>Unit 5 (22 MW): Dec 2027</p> <p>Unit 6 (10 MW): TBD</p>	<p>Unit 1 (3.5 MW): Dec 2022</p> <p>Unit 2 (4.5 MW): Dec 2024</p> <p>Unit 3 (10 MW): Dec 2025</p> <p>Unit 4 (10 MW): Dec 2026</p> <p>Unit 5 (22 MW): Dec 2027</p> <p>Unit 6 (10 MW): TBD</p>
	HYDROPOWER			23.1			
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	Nov 2021	Dec 2021
Committed	Igbulo (Bais) Hydroelectric Power Project	Century Peak Energy Corporation	Igbaras, Iloilo	5.1	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> - Confirmation of Commerciality-issued on 26 June 2013 - GIS-issued by DOE on 14 August 2013 - Ongoing submission of other reportorial requirements <p>Project Progress</p> <ul style="list-style-type: none"> -Ongoing Construction 	Nov 2021	Dec 2021

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	BIOMASS			3			
Committed	Biomass Power Plant Project	HDJ Bayawan Agri-Venture Corporation	Himamaylan City, Negros Occidental	3	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; Issued with SIS on 29 August 2018 (DOE-EPIMB-RE-SIS No. 2018-08-002)</p> <p>COMMENCEMENT OF CONSTRUCTION: On-going construction at (75%)</p>	Sep 2020	Mar 2021
	SOLAR			0			
	WIND			0			

Total Committed Rated Capacity 281.1

	BESS			270			
Committed	Ormoc Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Ormoc, Leyte	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)</p>	Nov 2021	Dec 2021
Committed	Toledo Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Toledo City, Cebu	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-004)</p>	Nov 2021	Dec 2021
Committed	Caticlan Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Caticlan	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)</p>	Nov 2021	Dec 2021
Committed	Iloilo Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Iloilo	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)</p>	Nov 2021	Dec 2021
Committed	Mactan Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Mactan, Cebu	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)</p>	Nov 2021	Dec 2021
Committed	Bohol Battery Energy Storage System	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Bohol	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 12 July 2019 (DOE-EPIMB-SIS NO. 2019-06-007)</p>	Nov 2021	Dec 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	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 12 July 2019 (DOE-EPIMB-SIS NO. 2019-06-007)</p>	Nov 2021	Dec 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	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 12 July 2019 (DOE-EPIMB-SIS NO. 2019-06-007)</p>	Nov 2021	Dec 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	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 12 July 2019 (DOE-EPIMB-SIS NO. 2019-06-007)</p>	Nov 2021	Dec 2021

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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)	Nov 2021	Dec 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)	Nov 2021	Dec 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)	Nov 2021	Dec 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
COAL	135.0	48.0%
OIL-BASED	70.0	24.9%
NATURAL GAS	0.0	0.0%
RENEWABLE ENERGY	76.1	27.1%
<i>GEOTHERMAL</i>	50.0	17.8%
<i>HYDROPOWER</i>	23.1	8.2%
<i>BIOMASS</i>	3.0	1.1%
<i>SOLAR</i>	0.0	0.0%
<i>WIND</i>	0.0	0.0%
TOTAL	281.1	
*BESS	270.0	