

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)
 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
	COAL			420			
Committed	GNPower Kauswagan Clean Coal-Fired Power Plant	GN Power Kauswagan Ltd. Co.	Kauswagan, Lanao del Norte	150	<p>FEASIBILITY STUDY: Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -GNPK has already secured the land for the project;</p> <p>MARKETING OF GENERATING CAPACITIES: -Selling and marketing of the remaining uncontracted capacity with distribution utilities, private large load customers and direct connect customers is on-going.</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -All required permits for construction are in place; Relevant operational permits have also been obtained:</p> <p>ESTIMATED NUMBER OF JOBS GENERATED: -During Construction: 1,614 jobs</p> <p>GROUND BREAKING SCHEDULES: -The Notice to Construct was issued to EPC contractor on December 29, 2014 to commence certain works on January 1, 2015.</p> <p>FINANCING ARRANGEMENTS: -The project's loan amounts are as follows: •Up to US\$605 Million Onshore Dollar Facility •Up to Php1.7 Billion Onshore Peso Facility •Up to US\$75 Million Additional Senior Term Facility •Up to US\$75 Million Offshore Commercial Facility -These amounts account for 69.30% of the total Project Cost.</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -The plant and equipment is subcontracted through the EPC contractor to various Philippine and Chinese companies. The supply and construction agreements dated as of June 20, 2016 which were signed with Shanghai Electric Power Construction Cop., Ltd. and Shanghai Electric power Construction Philippine Corporation ("EPC Contractors") respectively remains valid and in effect as of date with variations through change orders and letter amendment agreements.</p> <p>COMMENCEMENT OF CONSTRUCTION: -The onshore and offshore Notice to Proceed were issued to the EPC contractors on September 1, 2015.</p>	2020	Dec 2020
Committed	FDC-MPC CFB Coal-Fired Power Plant	FDC Misamis Power Corporation formerly FDC Utilities Inc.	Misamis Oriental	270	<p>The Misamis Expansion Project will be located within the existing land area where the 3 x 135 MW Coal Fired Power Plant of FDC MPC is located</p> <p>MARKETING OF GENERATING CAPACITIES FDC MPC plans to participate in various CSPs for the power requirements of distribution utilities in Mindanao. It also intends to supply large industrial plants specifically steel and manufacturing plants within the Phividec area.</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 January 2019 (DOE-EPIMB-SIS No. 2018-12-002) Units - (2 x 135) • Technical Assessment and Offer of Service for the conduct of SIS have been issued by NGCP • IEC and Public Scoping relative to the ECC application have been undertaken; Desk study is ongoing while field study shall be conducted once air travel is permitted • Evaluation and Public hearings for the application for amendment of water permit by NWRB is ongoing</p> <p>FINANCING ARRANGEMENTS • 70/30 Debt-to-Equity Ratio • Estimated Project Cost: PHP 25,395 Million • Bank financing arrangement is ongoing</p>	2024	Dec 2024
	NATURAL GAS			0			
	OIL-BASED			0			
	GEO THERMAL			0			
	HYDROPOWER			0			

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)
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
	BIOMASS			9			
Committed	PTCI Rice Husk-Fired Biomass Cogeneration Facility	Philippine Trade Center, Inc.	Sultan Kudarat, Maguindanao	3	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Secured Clearance from DOE for the conduct of GIS on 13 March 2014;</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>COMMENCEMENT OF CONSTRUCTION: -Operating for Own-Use;</p>	June 2019 (On-going Testing and Commissioning)	TBD
Committed	Biomass Power Plant Project	Surallah Power Generation Inc.	Surallah, South Cotabato	6	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements;</p> <p>COMMENCEMENT OF CONSTRUCTION: For construction</p>	November 2019	Sep 2020
	SOLAR			0			
	WIND			0			

Total Committed Rated Capacity 429

	BESS			289			
Committed	Maco Battery Energy Storage	Universal Power Solutions Inc. (formerly: SMCGP Philippines Energy Storage Co. Ltd./Limay Power Generation Corporation)	Maco, Compostela Valley	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-002)</p>	Jan 2021	Jan 2021
Committed	Surigao / Butuan Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Surigao / Butuan	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)</p>	Jan 2021	Jan 2021
Committed	Zamboanga Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Zamboanga	200	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)</p>	Jan 2021	Jan 2021
Committed	TMI Hybrid BESS	Therma Marine Inc.	Maco, Compostela Valley	49	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS to NGCP</p>	TBD	TBD

SUMMARY - COMMITTED PROJECTS (MINDANAO)

	MW	% Share
COAL	420.0	97.9%
OIL-BASED	0.0	0.0%
NATURAL GAS	0.0	0.0%
RENEWABLE ENERGY	9.0	2.1%
GEOTHERMAL	0.0	0.0%
HYDROPOWER	0.0	0.0%
BIOMASS	9.0	2.1%
SOLAR	0.0	0.0%
WIND	0.0	0.0%
TOTAL	429.0	
*BESS	289	