

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)
 COMMITTED
 As of 31 October 2019

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			555			
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</p> <p>-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>	December 2019	January 2020
Committed	FDC-MPC CFB Coal-Fired Power Plant	FDC Misamis Power Corporation formerly FDC Utilities Inc.	Misamis Oriental	405	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 January 2019 (DOE-EPIMB-SIS No. 2018-12-002) Units - (3 x 135)</p>	TBD	TBD
	NATURAL GAS			0			
	OIL-BASED			0			
	GEO THERMAL			0			

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	HYDROPOWER			25			
Committed	Lake Mainit	Agusan Power Corporation	Jabonga, Agusan del Norte	25	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Clearance to Undertake GIS from DOE issued on 7 October 2012; Submission of lacking requirements e.g. permits in progress.</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured; -FIT</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going construction;</p>	November 2020	December 2020

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	BIOMASS			8.96			
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)	December 2019
Committed	BFI Biomass Power Plant Project	Biotech Farms, Inc.	Tantangan, South Cotabato	5.96	<p>CONSTRUCTION: • On-going testing and commissioning</p>	November 2019	December 2019
	SOLAR			24.96			
Committed	ADGI GenSan Solar Power Project	Astronergy Development GenSan Inc.	General Santos City, South Cotabato	24.96	<p>FEASIBILITY STUDY: •Completed and submitted to the department on January 17, 2017.</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: •Evidenced by the DENR Forest Landuse Agreements for Solar Power Plant (FLAg No. 2016-001).</p> <p>MARKETING OF GENERATING CAPACITIES: •20MWac embedded to SOCOTECO 2, PSA Provisional Authority granted by ERC on October 13, 2015</p> <p>'PERMITS AND OTHER REGULATORY REQUIREMENTS: •LGU OBO Building Permits- for complying of additional requirements returned on June 25, 2019; •NGCP- Issuance of Provisional Clearance to Energize at SOCOTECO II Facilities (for the first 400 meters before POIC manual DS) on May 31, 2019; Issuance of letter of agreement for the testing of revenue instrument transformer on May 16, 2019.</p> <p>ESTIMATED NUMBER OF JOBS GENERATED: •During Construction: 335 •During Operation: 30</p> <p>GROUNDBREAKING SCHEDULES: •August 2017; April 25, 2019 Inauguration date: Switching Ceremony is for schedule.</p> <p>FINANCING ARRANGEMENTS: •Omnibus Loan Agreement with DBP approved on January 19, 2018; to be determined</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: •Copies and details of the EPC Contractor and contracts are submitted to the DOE during 2018 Annual Report of ADGI dated November 30, 2018</p> <p>COMMENCEMENT OF CONSTRUCTION: •Started construction on August 2017 (site & access road development); Construction of the PV area was completed on December 2018. HV works completed on June 16, 2019 (400 meters TL physically connected to the 69kv SOCOTECO 2 controlled grid)</p> <p>PROJECT PROGRESS PERCENTAGE: Processing of COC</p>	July 2019	December 2019

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	WIND			0			
	BESS			49			
Indicative	TMI Hybrid BESS	Therma Marine Inc.	Maco, Compostela Valley	49	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS to NGCP	TBD	TBD

Total Committed Rated Capacity 613.92

SUMMARY - COMMITTED PROJECTS (MINDANAO)

	MW	% Share
COAL	555.0	90.4%
OIL-BASED	0.0	0.0%
NATURAL GAS	0.0	0.0%
RENEWABLE ENERGY	58.9	9.6%
<i>GEOHERMAL</i>	0.0	0.0%
<i>HYDROPOWER</i>	25.0	4.1%
<i>BIOMASS</i>	9.0	1.5%
<i>SOLAR</i>	25.0	4.1%
<i>WIND</i>	0.0	0.0%
TOTAL	613.9	
*BESS	49	