

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

COMMITTED

As of 30 April 2018

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			700			
Committed	GNPower Kauswagan Clean Coal-Fired Power Plant	GN Power Kauswagan Ltd. Co.	Kauswagan, Lanao del Norte	600	<p>FEASIBILITY STUDY: Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -GNPK and the land owners of the Project site are in the final stages of satisfying their respective obligations under the land purchase agreements;</p> <p>MARKETING OF GENERATING CAPACITIES: -Provisional Authority dated 28 April 2014 was issued for the approval of the Power Purchase and Sale Agreement among GN Power, AMRECO PSAG Corp. and 20 participating ECs; -330MW sold to ECs arranged by AMRECO PSAG; -ANECO-25.0MW, ASELCO-17.7MW, BUSECO-18.2MW, CAMELCO-2.7MW, DORECO-7.0MW, DASURECO-34.3MW, FIBECO-21.6MW, LANECO-5.0MW, MOELCI I-6.8MW, MORESCO I-34.1MW, COTELCO-5.0MW, SIARELCO 2.0MW, SOCOTECO I-25.6MW, SUKELCO-14.3MW, SURNECO-23.8MW, SURSECO I-8.4MW, SURSECO II-13.0MW, ZANECO-25.0MW, ZAMSURECO I-24.2MW, ZAMSURECO II-16.3MW; -GNPK is currently negotiating with other ECs as well as non-DU customers for sale of additional capacity; -Received provisional authority from the ERC for all 20 participating ECs;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -ECC issued on 14 March 2014; A multipartite monitoring team is being established pursuant to the ECC; -Clearance to Undertake GIS from DOE issued on 28 June 2013; -NGCP has completed the System Impact Study for 4x150MW (gross capacity); -Facility study to be performed next; Granted LGU Endorsement; -Permits and Other Regulatory Requirements: All permits obtained under the name of GNPower Ltd. Co (Permits assigned from GNPower Ltd.Co. to GNPower Kauswagan Ltd.Co., DENR Environmental Compliance Certificate, CAAP Height Clearance,DOE Clearance to undertake SIS for 3x125MW, DOE Certificate of Endorsement for NCIP Application for Certificate of Non-Overlap, Mindanao Development Authority Endorsement, LGU Endorsements); -Other permits obtained for the project: Clearance to Develop Port Facility;Permit to Drill) were transferred and assigned to the Project Company, GN Power Kauswagan Ltd. Co. by virtue of a Project Assignment/Agreement;</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured on 28 May 2014; -Commitments from several lenders have been obtained and signed 23 December 2014; -Documents for additional funding signed on Dec 17, 2015;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -EPC contract was signed on 15 May 2014; -Construction Contracts for Plant and Equipment: Significant pre-Notice to proceed activities are being done by the EPC contractor at the site in China;</p> <p>COMMENCEMENT OF CONSTRUCTION: -NTP issued to the EPC contractor on November 2014; -On-going construction; Construction of temporary facilities, housing facilities and foundation design validation activities are on-going;</p> <p>PROJECT COST: -US\$740 Million</p>	Unit 1 - August 2018 Unit 2 - September 2018 Unit 3 - November 2018 Unit 4 - November 2018	Unit 1 - August 2018 Unit 2 - October 2018 Unit 3 - December 2018 Unit 4 - March 2019
Committed	Southern Mindanao Coal Fired Power Station Phase 2	Sarangani Energy Corporation	Brgy. Kamanga, Maasim, Sarangani	100	<p>FEASIBILITY STUDY: Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -On-going processing of the land conversion from agricultural lands where the plant is located to industrial use as declared by the Municipality of Maasim; -Out of 28 hectares occupied by the power plant, 19 hectares were already converted and the balance of 9 hectares (for coal conveying system and ash ponds) is undergoing the process of conversion with DAR and other government entities;</p> <p>MARKETING OF GENERATING CAPACITIES: -Power Sales Agreement for 105MW between Sarangani Energy Corporation and South Cotabato II is 70MW (SOCOTECO II), Davao del Norte is 15MW (DANECO), Agusan del Norte is 10MW (ANECO), and Agusan del Sur is 10MW (ASELCO) was executed 2011-2012; -Please note that except for SOCOTECO1, all these offtakers will be supplied by Phase 1 of the SEC project in Maasim, Sarangani. Hence, Phase 1 is already fully contracted. SOCOTECO II Power Sales Agreement already has ERC final approval while those of ASELCO and ANECO have provisional approvals. Still working on DANECO; -SOCOTECO1 on the other hand will be supplied by Phase 2 of SEC; -Updated PSA as of July 19, 2016 - ANECO-1.0MW, ASELCO-10.0MW, BUSECO-2.0MW, CEPALCO-20.0MW, COTELCO MAIN-10.0MW, COTELCO PPALMA-4.0MW, CLPC-5.0MW, DANECO-15.0MW, DASURECO-10.0MW, DLPC-100.0MW, DORECO-5.0MW, MOELCI I-3.0MW, MORESCO I-5.0MW, SOCOTECO I-2.0MW, SOCOTECO II-5.0MW, SUKELCO-10.0MW, SURNECO-5.0MW, SURSECO 1-3.0MW, SURSECO 2-5.0MW, ZANECO-5.0MW, ZAMSURECO I-12.0MW, ZAMSURECO 2-10.0MW, ZAMELCO-1.0MW, PILMICO-1.0MW, PHILSINTER-4.0MW</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -ECC issued on April 2009;</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured on 12 December 2012;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -EPC Contract between Owner and Daelim Philippines, Inc. executed on 30 March 2011; -Notice to Proceed to EPC Contractor issued on 28 December 2012; SEC has complete and full support of its subsidiary companies, Conal Holdings Corporaion (CHC) and Alsons Consolidated Resources(ACR);</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Civil Works;</p> <p>PROJECT COST: \$450M;</p>	December 2018	January 2019

OIL				0			
HYDROPOWER				588.49			
Committed	Manolo Fortich I	Hedcor Bukidnon, Inc.	Santiago, Bukidnon	43.4	<p>FEASIBILITY STUDY: -Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -HSC No. 2013-11-326; 332 out of 341 indentified ROW were already secured (with lease of contracts with landowners)</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -On-going Pre-construction activities; -Submission of lacking requirements e.g. permits in progress; -Secured DOE Endorsement to DAR to facilitate the processing of application for Land Use Conversion; Secured the following requirements: Renewable Energy Service Contract, Certificate of Commerciality, Environmental Compliance Certificate, Conditional Water Permit, SIS, Registered with the BOI, With ER 1-94 MOA between HBI and DOE, Done with the FPIC process, with IP and LGU Endorsements, with SLUP issued by DENR, with tree cutting permit, with Locational Clearance and Building permit; -on-going DAR Conversion still on process in securing other regulatory requirements</p> <p>GROUND BREAKING SCHEDULES: -Groundbreaking held on 22 April 2015;</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Done with negotiation on Civil works and Electro Mechanical; -On-going negotiation on electrical works</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going construction is 52% as of June 2016</p>	May 2018	June 2018
Committed	Manolo Fortich 2	Hedcor Bukidnon, Inc.	Santiago, Bukidnon	25.4	<p>FEASIBILITY STUDY: -Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -HSC No. 2013-11-327; 332 out of 341 indentified ROW were already secured (with lease of contracts with landowners)</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -On-going Pre-construction activities; Submission of lacking requirements e.g. permits in progress; Secured DOE Endorsement to DAR to facilitate the processing of application for Land Use Conversion; Secured the following requirements: Renewable Energy Service Contract, Certificate of Commerciality, Environmental Compliance Certificate, Conditional Water Permit, SIS, Registered with the BOI, With ER 1-94 MOA between HBI and DOE, Done with the FPIC process, with IP and LGU Endorsements, with SLUP issued by DENR, with tree cutting permit, with Locational Clearance and Building permit; -on-going DAR Conversion still on process in securing other regulatory requirements</p> <p>GROUND BREAKING SCHEDULES: Groundbreaking held on 22 April 2015;</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Done with negotiation on Civil works and Electro Mechanical; -on-going negotiation on electrical works</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going construction is 37% as of June 2016</p>	May 2018	June 2018
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>	May 2018	June 2018
Committed	Asiga	Asiga Green Energy Corp.	Pangaylan, Santiago, Agusan del Norte	8	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 1 August 2014; -Submission of lacking requirements e.g. permits in progress; -Secured DOE Endorsement to DAR to facilitate the processing of application for Land Use Conversion; Issued with GIS on 2 February 2018 (DOE-EPIMB-SIS No.2017-12-004)</p> <p>GROUND BREAKING SCHEDULES: -Groundbreaking held on 22 April 2015;</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going construction is 25% as of November 2015;</p>	July 2019	August 2019

Committed	Bubunawan Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baungon and Libona, Bukidnon	23	<p>FEASIBILITY STUDY: -Submitted Feasibility Study and 5-Yr Work Plan;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 02 July 2013; -Already secured LGU Endorsements, DENR Environment Compliance Certificate , NCIP Certificate and NWRB Permit; -Clearance to Undertake GIS from DOE issued on 28 September 2012; -Bids and tendering for the EPC started on April 2014;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -On-going Pre-construction activities;</p>	November 2021	December 2021
Committed	Culaman Hydroelectric Power Project	Oriental Energy and Power Generation Corporation	Manolo Fortich, Bukidnon	10	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 03 June 2013; -Clearance to Undertake GIS from DOE issued on 5 October 2012; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	November 2021	December 2021
Committed	Katipunan River Mini Hydro Power Project	Repower Energy Development	Cabanglasan, Bukidnon	6.2	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued with System Impact Study on 7 November 2016 (DOE-EPIMB-SIS No. 2016-10-005);</p>	November 2021	December 2021
Committed	Upper Manupali	Bukidnon II Electric Cooperative, Inc.	Valencia City, Bukidnon	4.4	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of commerciality on 16 February 2016;</p>	November 2022	December 2022
Committed	Mangima Hydroelectric Power Project	Philnew Hydro Power Corporation	Manolo Fortich, Bukidnon	10	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 3 September 2014; -Pending submission of requirements for construction</p>	November 2022	December 2022
Committed	Mat-i-2	Philnew Hydro Power Corporation	Cagayan de Oro, Misamis Oriental	1.6	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 3 September 2014; Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	November 2022	December 2022

Committed	Mat-i-3	Philnew Hydro Power Corporation	Cagayan de Oro, Misamis Oriental	3.25	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 3 September 2014; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	November 2022	December 2022
Committed	Lower Maladugao River Mini-Hydropower Project	Bukidnon Maladugao Hydro Power Corporation	Kalilangan and Wao, Bukidnon	15.7	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 30 May 2016 (DOE-EPIMB-SIS No. 2016-08-002)</p>	November 2022	December 2022
Committed	Maladugao (Upper Cascade) Hydroelectric Power Project	UHPC Bukidnon Hydro Power I Corporation	Kalilangan, Bukidnon	8.4	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 30 May 2016 (DOE-EPIMB-SIS No. 2016-08-003)</p>	November 2022	December 2022
Committed	Maramag	Maramag Mini-Hydro Corp	Maramag, Bukidnon	1.4	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	November 2022	December 2022
Committed	Manupali	Matic Hydropower Corp	Valencia, Bukidnon	9	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	November 2022	December 2022
Committed	Malitbog	Philnewriver Power Corp.	Malitbog, Bukidnon	3.4	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	November 2022	December 2022

Committed	Pulanai	Repower Energy Development	Valencia, Bukidnon	10.6	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;	November 2022	December 2022
Committed	Langaran	Kaltimex Langaran Hydro, Inc.	Calamba, Misamis Occidental	3.60	Issued Confirmation of Commerciality on 9 March 2016. Ongoing pre-construction activities.	November 2022	December 2022
Committed	Alamada	Euro Hydro Power (Asia) Holdings, Inc.	Alamada, North Cotabato	2.84	Issued Confirmation of Commercialization on 11 August 2016. Ongoing pre-construction activities.	November 2022	December 2022
Committed	Polandoc	Euro Hydro Power (Asia) Holdings, Inc.	Leon Postigo, Zamboanga del Norte	5.70	Issued Confirmation of Commercialization on 03 October 2016. Ongoing pre-construction activities.	November 2022	December 2022
Committed	Titunod	Euro Hydro Power (Asia) Holdings, Inc.	Kolambogan, Lanao del Norte	3.60	Issued Confirmation of Commercialization on 03 October 2016. Ongoing pre-construction activities.	November 2022	December 2022
Committed	Bayug	Euro Hydro Power (Asia) Holdings, Inc.	Iligan, Lanao del Norte	17.81	Issued Confirmation of Commercialization on 03 October 2016. Ongoing pre-construction activities.	November 2022	December 2022

Committed	Kalaong 1	Alsons Energy Development Corp.	Maitum, Sarangani	7.40	Issued Confirmation of Commercialization on 01 December 2016. Ongoing pre-construction activities.	November 2022	December 2022
Committed	Puyo Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Jabonga, Agusan del Norte	30	<p>FEASIBILITY STUDY: -Also submitted Feasibility Study and 5-Yr Work Plan;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -HSC NO. 2009-10-005</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 12 July 2013; -Already secured LGU Endorsements, DENR Certificate of Non-Coverage, NCIP Certificate and NWRB Permit;</p> <p>GROUND BREAKING SCHEDULES: -Ground breaking held on 17 April 2013;</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -EPC for main facilities for tender;</p> <p>COMMENCEMENT OF CONSTRUCTION: -Construction on hold as of April 2015 due to security threat in the area; -Project implementation on hold due to security threat in the area;</p>	November 2023	December 2023
Committed	Kalaong 2	Alsons Energy Development Corp.	Maitum, Sarangani	4.80	Issued Confirmation of Commercialization on 15 December 2016. Ongoing pre-construction activities.	November 2023	December 2023
Committed	Sawaga River Mini Hydro Power Project	Repower Energy Development	Malaybalay, Bukidnon	4.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued with System Impact Study on 7 November 2016 (DOE-EPIMB-SIS No. 2016-10-005);</p>	November 2024	December 2024
Committed	Cabadbaran Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Cabadbaran, Agusan del Norte	9.75	<p>-Already secured LGU Endorsements, DENR Environment Compliance Certificate, NCIP Certificate of Non-Coverage, NCIP Certificate and NWRB Permit¹-Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	November 2024	December 2024

Committed	Tagum	Sta. Clara Power Corp.	Maco, Compostela Valley	2.60	Issued Confirmation of Commercialization on 01 December 2016. Ongoing pre-construction activities.	November 2024	December 2024
Committed	Tagoloan	First Gen Mindanao Hydropower Corp.	Impasugong & Sumilao, Bukidnon	39	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 02 July 2013;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction</p>	November 2025	December 2025
Committed	Pasonanca	Philcarbon, Inc.	Zamboanga City	0.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 09 January 2014; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	November 2025	December 2025
Committed	Clarin	Philnew Hydro Power Corporation	Clarin, Misamis Occidental	5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 09 April 2014; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	November 2025	December 2025
Committed	Mat-i-l	Philnew Hydro Power Corporation	Claveria, Cagayan de Oro	4.85	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 09 April 2014; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	November 2025	December 2025
Committed	Lanon (Lam-alu)	Euro Hydro Power (Asia) Holdings, Inc.	Lake Sebu, South Cotabato	9.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 14 April 2015; -On going permitting;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	November 2025	December 2025

Committed	Silo-o	Philnewriver Power Corp.	Malitbog, Bukidnon	3.29	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 5 June 2015; -On going permitting;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	November 2025	December 2025
Committed	Agus III	Maranao Energy Corporation	Pantar & Balo-I, Lanao del Sur & Lanao del Norte	225	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	November 2025	December 2025
SOLAR				0			
BIOMASS				12			
Committed	GEEC Biomass Cogeneration System	Green Earth Enersource Corporation	Maguindanao	3.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued COE on 2 Feb 2017 (COE No. 2017-02-001);</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>COMMENCEMENT OF CONSTRUCTION: -Operating for Own-Use;</p>	May 2017 (On-going Testing and Commissioning)	April 2018
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 2017 (On-going Testing and Commissioning)	April 2018
Committed	LPC Rice Husk-Fired Biomass Power Plant Project	Lamsan Power Corporation	Sultan Kudarat, Maguindanao	5.5	<p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going construction;</p>	April 2018	April 2018 (Target Testing and Commissioning)

Total Committed
Rated Capacity 1300.49