## PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

COMMITTED
As of 31 October 2016

As of 31 October 2	As of 31 October 2016							
Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation	
	COAL			1510				
Indicative		San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	1510	FEASIBILITY STUDY: -Completed;  ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Land acquisition completed;  MARKETING OF GENERATING CAPACITIES: -Off-takers: COTELCO PPALMA-10.0MW, ASELCO-10.0MW, DANECO-20.0MW, COTELCO MAIN-10.0MW, SURSECO II-5.0MW, DASURECO-10.0MW, LANECO-5.0MW, MORESCO I-10.0MW, SIARELCO-2.0MW, ZAMCELCO 35.0MW, ZAMSURECO I-8.0MW;  PERMITS AND OTHER REGULATORY REQUIREMENTS: Environmental Impact Assessment completed; Topographic and hydrographic completed; Soil Investigation completed; Clearance to Undertake Gis from Oissed on 29 August 2011; GIS/SIS already submitted to NGCP for review; NGCP returned the report to SMC GPHC with comments; Facility Study Staus-Final report wither dals 27 Dec. 2013; Results are being used by NGCP for pre-construction works while SMC GPHC for right-of-way; SCC issued in June 2013; Water Permit Completed;		Unit 1 - Nov 2016 Unit 2 -Dec 2016	
					GROUNDBREAKING SCHEDULES: -Groundbreaking held last 15 July 2013;  FINANCING ARRANGEMENTS: -Financial Arrangement Secured from various banks on 12 May 2014;  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -EPC Contract executed on January 2013 and already awarded; Construction of the Project has been underway since August 2013: Contracts for relative Works (Site Development, Pier and Jetty, Ship Unloader, Coal Conveying System already awarded)  COMMENCEMENT OF CONSTRUCTION: -On-going civil works construction/installation; -Target Completion Date of Transcrion connection on March 2016;  PROJECT COST: -\$630M / Php25. 8B			
					FEASIBILITY STUDY:  -Project information Memorandum Completed  ARRANGEMENT FOR SECURING THE REQUIRED LAND:  -Land acquisition completed (Leased Contract with PHINIDEC Industrial Authority  MARKETING OF GENERATING CAPACITIES:  -Contracted approximately 88% of the total net output of the 3 units of the project; Assumed Total Rated Output less Station-Use at 11% and Outage Allowance: 320MW;  -Ongoing electric power purchase agreement negotiation with offtakers for the remaining capacity for the 3rd unit; MORESCO II - 25MW, MOELCI II-25MW, FIBECO-35MW; SOCOTECO I - 10MW; DASURECO-12MW, MORESCO I - 22MW, ANECO - 12MW, LANECO - 10MW, MOELCI I - 16MW, CAMELCO-4MW, SURNECO - 13MW, DORECO-6MW, SURSECO II - 10MW, DANECO - 15MW, BUSECO - 8MW, SOCOTECO II - 45MW, MCCI - 10 MW, COTELCO - 5 MW (TOTAL CONTRACTED CAPACITY - 283MW)  PERMITS AND OTHER REGULATORY REQUIREMENTS:  -Secured Clearance from DOE for the conduct of GIS on 12 September 2011;  -Grid Impact Study (GIS) Review by NGCP completed;			

Committed	FDC-Misamis Circulating Fluidized Bed (CFB) Coal-Fired Power Plant Project		Phividec Industrial Estate, Villanueva, Misamis Oriental	405	-ECC for power plant issued on May 2013; -ECC for transmission line was issued on August 2013; -NWRB water permit for Tagoloan issued on September 2013; -NWRB conditional water permit for Cooling water at Macajalar Bay was issued; -NCIP Certificate of Non-Overlage don February 2014; -LGU endorsements from concerned provincial, municipality and barangays; Registered with the Board of Investments on August 2013; -Secured Locational Clearance from Villanueva; Negotiation for Foreshore Lease was completed; Right of Entry Permit was secured from Phividec; -Right-of-Way clearance and acquisition are for issuance;  GROUNDBREAKING SCHEDULES: -Groundbreaking ceremony was held in November 2013  FINANCING ARRANGEMENTS:  -Financial Arrangement Secured on 27 December 2013 with various Banks for phase I (Units 1 and 2) and phase II (Unit 3) of the project; -PhP 30.019B;  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:  -Contract for Engineering, Procurement and Construction (EPC) was awarded in September 2013; Tendering process of the first and most of second batch auxiliary equipment has been completed;  COMMENCEMENT OF CONSTRUCTION: -Ongoing construction works; -Structural works and electro-mechanical quipment installation ongoing; -Finished construction of Transmission Line; Energized the Transmission Line	1st Unit -May 2016 2nd Unit -August 2016 3rd Unit-September 2016 (Ongoing Testing and Commissioning)	1st Unit - November 2016 2nd Unit - November 2016 3rd Unit - December 2016
Committed	3x55 MW Balingasag Thermal Circulating Fluidized Bed Combustion (CFBC) Coal-Fired Power Plant	Minergy Coal Corporation	Brgy. Mandangoa, Balingasag, Misamis Oriental	165	FEASIBLITY STUDY: -Conducted Feasibility study from February to September 2013;  ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Land acquisition completed at Bery, Mandagoa Balingsag, Misamis Oriental; -Provisional Approval was issued on September 2013 for PSA between the Owner and CEPALCO (embedded via double ckt 138 kV line)-100MW Final, 50 MW Pending;  PERMITS AND OTHER REGULATORY REQUIREMENTS: -SEC Registered on February 2013, Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007-007) issued on 1 August 2013; -Sect Certificate of Endosement (No. 2013-07-007-007-007-007-007-007-007-007-007	Unit 1: October 2016 Unit 2: November 2016 Unit 3: December 2016	Unit 1: January 2017 Unit 2: March 2017 Unit 3: May 2017

Committed	GNPower Kauswagan Clean Coal-Fired Power Plant	GN Power Kauswagan Ltd. Co.	Kauswagan, Lanao del Norte	540	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;  -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; -3300MW yest.CO-17.7MW, BUSECO-18.2MW, CAMELCO-27.MW, DORGEO-7.0MW, DASURECO-3.3MW, FIBECO-21.6MW, LANECO-5.0MW, MOELCI L-6.8MW, MORESCO-19.2.1MW, COTELCO-5.0MW, SIARELCO-2.0MW, SOCOTECO-125.6MW, SUKELCO-13.3MW, SURSECO-14.3MW, SURSECO-14.	December 2017	March 2018
Committed	Southern Mindanao Coal Fired Power Station	Sarangani Energy Corporation	Brgy. Kamanga, Maasim, Sarangani	100	FASIBILITY STUDY: Completed;  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 aiready 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;  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 (ASECO) 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 provisionisty 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-1:0MW, BURECO-1:0MW, BURECO-1:0MW, DANECO-1:0MW, MORECO-1:0MW, MORESO 1:5.0MW, SOCOTECO 1:2.0MW, SOCOTECO 1:5.0MW, SOCOTECO 1:5.0MW, SOCOTECO 1:5.0MW, SOCOTECO 1:5.0MW, SURSECO-1:0.0MW, SURNECO-1:0.0MW, SURSECO-1:0.0MW, SURSECO-1:0.0	Phase II - 2018	Phase II - 2018

	OIL			29.54			
					FEASIBILITY STUDY:		
					-Completed		
					FINANCING ARRANGEMENTS:		
					-Financial arrangement Secured with bank certification		
					MARKETING OF GENERATING CAPACITIES:		
	Peakpower				- Power Purchase and Transfer Agreement (PPTA) for the Additional Generating Units was entered into by PSI and South Cotabato II Electric Cooperative, Inc. (SOCOTECO II) on 06 February 2015 -off-taker: SOCOTECO II (13.9MW)		
Committed	Soccsargen, Inc. Bunker Fired Power	Peakpower	General Santos City, South	13.94	*Ultraket, SOCOTECO II (15,5MW)	November 2016	December 2016
Committee	Plant (PSI Expansion	Soccsargen, Inc.	Cotabato	25.54	PERMITS AND OTHER REGULATORY REQUIREMENTS:	November 2010	December 2010
	Project)				<ul> <li>Clearance to Undertake a Grid Impact Study (GIS) from DOE was issued on 11 August 2015;</li> </ul>		
					<ul> <li>Amended ECC was issued on 28 August 2015;</li> <li>Building Permit from the Local Government was secured on 06 May 2016</li> </ul>		
					Building Permit from the Local Government was secured on to may 2016		
					COMMENCEMENT OF CONSTRUCTION:		
					<ul> <li>Power Plant Equipment Supply Contract between PSI and Wärtsilä Finland Oy was executed on 23 October 2015</li> </ul>		
					<ul> <li>EPC Contract between PSI and PMM Works, Inc. was executed on 25 January 2016</li> <li>On-going construction is at 55.78% as of Aug 2016</li> </ul>		
					FEASIBILITY STUDY: -Completed		
					Complete		
					FINANCING ARRANGEMENTS:		
					-Financial arrangement Secured with bank certification		
					PERMITS AND OTHER REGULATORY REQUIREMENTS:		
	Peakpower San				<ul> <li>Clearance to Undertake a Grid Impact Study (GIS) from DOE was issued on 07 August 2015</li> </ul>		
	Francisco, Inc.	Bullion and			Amended ECC was issued on 26 November 2015		
Committed	Bunker Fired Power	Peakpower San Francisco, Inc.	San Francisco, Agusan del Sur	5.2	<ul> <li>Building Permit from the Local Government was secured on 08 March 2016</li> </ul>	February 2017	March 2017
	Plant (PSI Expansion	Trancisco, inci	Agusun uci sui		MARKETING OF GENERATING CAPACITIES:		
	Project)				Power Purchase and Transfer Agreement (PPTA) for the Additional Generating Unit was entered into by PSH and Agusan del Sur Electric Cooperative, Inc. (ASELCO) on 17 March 2015		
					-off-taker: ASELCO (5.2MW)		
					COMMENCEMENT OF CONSTRUCTION:		
					<ul> <li>Power Plant Equipment Supply Contract between PSFI and Wärtsilä Finland Oy was executed on 29 October 2015</li> </ul>		
					<ul> <li>EPC Contract between PSFI and PMM Works, Inc. was executed on 25 January 2016</li> </ul>		
					On-going construction is at 41.76%		
					FEASIBILITY STUDY: -Completed		
					-completed		
					FINANCING ARRANGEMENTS:		
					-Financial arrangement Secured with bank certification		
					PERMITS AND OTHER REGULATORY REQUIREMENTS:		
					Clearance to Undertake a Grid Impact Study (GIS) from DOE was issued on 07 May 2015		
	Peakpower Budiknon, Inc.	Peakpower Bukidnon,	Manolo Fortish		ECC was issued on 21 September 2015		
Committed	Bunker Fired Power	Inc.	Bukidnon	10.4	<ul> <li>On going application for Building Permit from the Local Government</li> </ul>	May 2017	June 2017
	Plant				MARKETING OF GENERATING CAPACITIES:		
					<ul> <li>Power Purchase and Transfer Agreement (PPTA) was entered into by PBI and Bukidnon II Electric Cooperative, Inc. (BUSECO) on 22 August 2014</li> </ul>		
					-off-taker: ASELCO (10.4MW)		
					COMMENCEMENT OF CONSTRUCTION:		
					Power Plant Equipment Supply Contract between PBI and Wärtsilä Finland Oy was executed on 29 October 2015		
					<ul> <li>EPC Contract between PBI and PMM Works, Inc. was executed on 25 January 2016</li> </ul>		
					On-going construction is at 10.69%		
	HYDROPOWER			134.2			
					PERMITS AND OTHER REGULATORY REQUIREMENTS:		
					-Issued Confirmation of Commerciality on 24 April 2014;		
Committed	New Bataan	Euro Hydro Power	New Bataan, Compostela	2.4	-Submission of lacking requirements e.g. permits in progress;	January 2017	January 2017
Committed	ivew bataan	(Asia) Holdings, Inc.	Valley	2.4	COMMENCEMENT OF CONSTRUCTION:	Janual y 2017	(Target Testing and Commissioning)
					-On-going Pre-construction activities;		

					FEASIBILTY STUDY:		
					-Completed;		
					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)		
					-noc No. 2015-11-526, 552 Out of 341 indentified NOW were already secured (with lease of contracts with landowners)		
					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 the BOI, With the BOI, With the BOI, with the PIC process, with IP and LGU Endorsements, with Study is such as the process of the picture of the pi		
					by DENR, with tree cutting permit, with Locational Clearance and Building permit;		
			Santiago,	43.4	-on-going DAR Conversion still on process in securing other regulatory requirements		June 2017
Committed	Manolo Fortich I	Hedcor Bukidnon, Inc.	Bukidnon	43.4	GROUNDBREAKING SCHEDULES:	June 2017	June 2017
					-Groundbreaking held on 22 April 2015;		
					FINANCING ARRANGEMENTS:		
					-Financial Arrangement Secured;		
					CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:		
					-Done with negotiation on Civil works and Electro Mechanical;		
					-On-going negotiation on electrical works		
					COMMENCEMENT OF CONSTRUCTION:		
					-On-going construction is 52% as of June 2016		
					FEASIBILTY STUDY: -Completed;		
					-completed,		
					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)		
					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		
			6		on going DAN conversion still on process in securing other regulatory requirements		
Committed	Manolo Fortich 2	Hedcor Bukidnon, Inc.	Santiago, Bukidnon	25.4	GROUNDBREAKING SCHEDULES:	June 2017	June 2017
					Groundbreaking held on 22 April 2015;		
					FINANCING ARRANGEMENTS:		
					-Financial Arrangement Secured;		
					CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Done with negotiation on Civil works and Electro Mechanical;		
					one going negotiation on electrical works		
					COMMENCEMENT OF CONSTRUCTION: -On-going construction is 37% as of June 2016		
					THE SURFACE COLOURS COLOURS OF SURFACE COLOURS OF S		
					STANITY AND OTHER DEFINATION.		
					PERMITS AND OTHER REGULATORY REQUIREMENTS:  -Clearance to Underatake GIS from DOE issued on 7 October 2012; Submission of lacking requirements e.g. permits in progress.		
					FINANCING ARRANGEMENTS:		
Committed	Lake Mainit	Agusan Power Corporation	Jabonga, Agusan del Norte	25	-Financial Arrangement Secured;	December 2017	December 2017
		Corporation					
					COMMENCEMENT OF CONSTRUCTION:		
					-On-going construction;		

Committed	Puyo Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Jabonga, Agusan del Norte	30	FEASIBILITY STUDY:  -Also submitted Feasibility Study and 5-Yr Work Plan;  ARRANGEMENT FOR SECURING THE REQUIRED LAND: -HSC NO. 2009-10-005  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;  GROUNDBREAKING SCHEDULES: -Ground breaking held on 17 April 2013;  FINANCING ARRANGEMENTS: -Financial Arrangement Secured;  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -EPC for main facilities for tender;  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;	July 2018	July 2018 (Target Testing and Commissioning)
Committed	Asiga	Asiga Green Energy Corp.	Santiago, Agusan del Norte	8	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;  GROUNDBREAKING SCHEDULES: -Groundbreaking held on 22 April 2015;  FINANCING ARRANGEMENTS: -Financial Arrangement Secured;  COMMENCEMENT OF CONSTRUCTION: -On-going construction is 25% as of November 2015;	August 2019	August 2019 (Target Testing and Commissioning)
	SOLAR			0			
	BIOMASS			14.2			
Committed	PTCI Rice Husk-Fired Biomass Cogeneration Facility	Philippine Trade Center, Inc.	Sultan Kudarat, Maguindanao	1.6	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Secured Clearance from DOE for the conduct of GIS on 13 March 2014;  FINANCING ARRANGEMENTS: -Financial Arrangement Secured;  COMMENCEMENT OF CONSTRUCTION: -Operating for Own-Use;	February 2016 (On-going Testing and Commissioning)	November 2016
Committed	GEEC Biomass Cogeneration System	Green Earth Enersource Corporation	Maguindanao	2.6	FINANCING ARRANGEMENTS: -Financial Arrangement Secured;  COMMENCEMENT OF CONSTRUCTION: -Operating for Own-Use;	November 2016	November 2016 (Target Testing and Commissioning)
Committed	LPC Rice Husk-Fired Biomass Power Plant Project	Lamsan Power Corporation	Sultan Kudarat, Maguindanao	10	FINANCING ARRANGEMENTS: -Financial Arrangement Secured;  COMMENCEMENT OF CONSTRUCTION: -On-going construction;	November 2016	November 2016 (Target Testing and Commissioning)