PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO) COMMITTED

As of 31 January 2017

s of 31 January 2017								
Committed / Indicative		Project Proponent	Location	Rated Capacity (MW)	Project Status Project Status	Target Testing & Commissioning	Target Commercial Operation	
	COAL			1090				
					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;			
					ropograpnic ann syrunga pinic compieted; Soil Investigation completed;			
					Clearance to Undertake GIS from DOE issued on 29 August 2011;			
					GIS/SIS already submitted to NGCP for review;			
					NGCP returned the report to SMC GPHC with comments;			
					Facility Study Status- Final report submitted last 27 Dec. 2013;			
	SMC Davao Power	San Miguel	Brgy. Culaman,		Results are being used by NGCP for pre-construction works while SMC GPHC for right-of-way;		Unit 2 - February 2017	
Committed	Plant Project	Consolidated Power	Malita, Davao	150	SEC issued last 26 August 2011;	Unit 2 - February 2017	(Target Testing and Commissioning)	
		Corporation	del Sur		ECC issued in June 2013;		, , , , , , , , , , , , , , , , , , , ,	
					Water Permit Completed;			
					GROUNDBREAKING SCHEDULES:			
					-Groundbreaking held last 15 July 2013;			
					Countries and 1931, 2019,			
					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 Transmission Connection on March 2016;			
					PROJECT COST:			
					-\$630M / Php25.8B			
					FEASIBILITY STUDY:			
					Project information Memorandum Completed			
					1 Open monitorin memoranium completed			
					ARRANGEMENT FOR SECURING THE REQUIRED LAND:			
					-Land acquisition completed (Leased Contract with PHIVIDEC 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 II - 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 - 10MW, DASURECO - 10			
					MW, COTELO - 1MW, JUNECU - 12MW, JUNECU - 12MW, JUNECU - 12MW, JUNECU - 13MW, JUN			
					introduction of the control of the c			
					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;			
					-ECC for power plant issued on Mav 2013:			

Committed	FDC-Misamis Circulating Fluidized Bed (CFB) Coal- Fired Power Plant Project	FDC Utilities, Inc.	Phividec Industrial Estate, Villanueva, Misamis Oriental	135	-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-Overlag used on 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; -PROJECT COST: -PhP 30.0198; 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	3rd Unit-September 2016 (Ongoing Testing and Commissioning)	3rd Unit - February 2017
Committed	3x55 MW Balingasag Thermal Circulating Fluidized Bed Combustion (CFBC) Coal-Fired Power Plant	Minergy Coal Corporation	Brgy. Mandangoa, Balingasag, Misamis Oriental	165	FASBILITY STUDY: -Conducted Feasibility study from February to September 2013; ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Land acquisition completed at Brgy, Mandangoa Balingasag, Misamis Onental; -Processing land titting on the acquired lots MARKETING OF GENERATING CAPACITIES: -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 REQUIATORY REQUIREMENTS: -SEC Registered on February 2013, Certificate of Endorsement (No. 2013-07-007) issued on 1 August 2013; -issued the following regulatory: Business Permit/Mayor's permit - 16 January 2013, -SEC CERTIFICATE of Incorporation - 18 February 2013, -OEC certificate of Incorporation - 18 February 2013, -DOPH DECARDIO Incorporation - 18 February 2013, -DOPH DECARDIO Incorporation - 18 February 2013, -Building permit of Security of November 2013, -Permit to concorporation - 18 February 2014; -Building permit - 18 January 2014; -Building Permit - 18 January 2014; -Building Permit - 19 January 2014; -Building Permit (Power Plant)-19 January 2014; -PPA Permit to construct private port Endiglin-15 despetember 2013; -Financial arrangement Secured from various bands (2c5-85WW secured on 2 May 2014; -CCUSAGO In 7 November 2013; -Financial arrangement Secured from various bands (2c5-85WW secured on 2 January 2014, Additional 1x55MW secured on 2 May 2014; -CCC Contract signed on 19 March 2014 for 1x55MW on 30 Jan 2014, NTP foe 1x55MW on 29 May 2014); -Main Sub-contractor: Toxyliab Plants Systemses * Services Corp. (TPSC): -COMMENCEMENT OF CONSTRUCTION: -Ohgoing construction; -98% constructions as of Dec 2016 -PROJECT COST: -22.98;	Unit 1: February 2017 Unit 2: March 2017 Unit 3: May 2017	Unit 1: June 2017 Unit 2: June 2017 Unit 3: June 2017

					FEASIBILITY STUDY: Completed;		
Committed	GNPower Kauswagan Clean Coal-Fired Power Plant	GN Power Kauswagan Ltd. Co.	Kauswagan, Lanao del Norte	540	ARRANGEMENT FOR SECURING THE REQUIRD 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; 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, ASELCO-17.7MW, BUSECO-18.2MW, CAMELCO-27.MW, DORECO-7.0MW, DISECO-18.3MW, FIBECO-21.6MW, LANECO-5.0MW, MORELCI G-6.8MW, NORESCO HS.4.1MW, COTELCO-5.0MW, DISECO-18.2MW, SURSCO-18.3MW, SURSCO-18.3MW, SURSCO-18.3MW, SURSCO-18.3MW, SURSCO-18.3MW, SURSCO-18.4MW, SURSCO-18.4M	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 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. -Power Sales Agreement for 105MW between Sarangani Energy Corporation and South Cotabato II is 70MW (SOCOTECO II), Dava od ell Norte is 15MW (DANECO), Agusan del Norte is 10MW (ANECO), and Agusan del Sur is 10MW (ASCO) 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 as SEC final approval while those of ASELCO and AMECO have proval approvals. Still working on DANECO; -Updated PSA as of July 19, 2016 - ANECO-1.0MW, ASELCO-1.0MW, UCP-2.0MW, SOCOTECO II Power Sales Agreement already DANECO-1.0MW, ASELCO-1.0MW, ASELCO-1.0MW, CEPALCO-2.0MW, COTECO DANE, SOCOTECO OF PALMA-4.0MW, CLP-5.0MW, DANECO-15.0MW, DAN	Phase II - 2018	Phase II - 2018

	OIL			29.54			
					FEASIBILITY STUDY:		
					-Completed		February 2017 (Target Testing and Commissioning) April 2017
					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	13.94	-01-taket, 3000 FECO II (15:39WW)	Fabruary 2017	(Target Testing and Commissioning)
Committee	Plant (PSI	Soccsargen, Inc.	City, South Cotabato	13.94	PERMITS AND OTHER REGULATORY REQUIREMENTS:	February 2017 March 2017	(Target Testing and Commissioning)
	Expansion Project)		Cotabato		 Clearance to Undertake a Grid Impact Study (GIS) from DOE was issued on 11 August 2015; 		
					Amended ECC was issued on 28 August 2015;		
					Building Permit from the Local Government was secured on 06 May 2016		
					COMMENCEMENT OF CONSTRUCTION:		
					 Power Plant Equipment Supply Contract between PSI and Wärtsilä Finland Oy was executed on 23 October 2015 		
					 EPC Contract between PSI and PMM Works, Inc. was executed on 25 January 2016 		
					 On-going construction is at 99.52% as of Jan 2017 		April 2017
					FEASIBILITY STUDY:		
					-Completed		
					manage and the second		
					FINANCING ARRANGEMENTS: -Financial arrangement Secured with bank certification		
					a manual arrangement secured with dalik certification	March 2017 April 2017	
					PERMITS AND OTHER REGULATORY REQUIREMENTS:		
	Peakpower San				 Clearance to Undertake a Grid Impact Study (GIS) from DOE was issued on 07 August 2015 		
	Francisco, Inc.				 Amended ECC was issued on 26 November 2015 		1
Committed	Bunker Fired Power	Peakpower San Francisco, Inc.	San Francisco, Agusan del Sur	5.2	 Building Permit from the Local Government was secured on 08 March 2016 		April 2017
	Plant (PSI	riancisco, inc.	Agusan dei 3ui		MARKETING OF GENERATING CAPACITIES:		
	Expansion Project)				*Power Purchase and Transfer Agreement (PPTA) for the Additional Generating Unit was entered into by PSFI and Agusan del Sur Electric Cooperative, Inc. (ASELCO) on 17 March 2015		
					-off-taker: ASELCO (5.2MW)		
					COMMENCEMENT OF CONSTRUCTION:		
					 Power Plant Equipment Supply Contract between PSFI and Wärtsilä Finland Oy was executed on 29 October 2015 EPC Contract between PSFI and PMM Works, Inc. was executed on 25 January 2016 		
					PPC Contract between PSF and PMM works, inc. was executed on 25 January 2016 One-going construction is at 76.46% as of Jan 2017		
					FEASIBILITY STUDY:		
					FINANCING ARRANGEMENTS:		
					-Financial arrangement Secured with bank certification		
					PERMITS AND OTHER REGULATORY REQUIREMENTS:		
					PERMITS AND OTHER REGULATORY REQUIREMENTS: • Clearance to Undertake a Grid Impact Study (GIS) from DOE was issued on 07 May 2015		
	Peakpower				• ECC was issued on 21 September 2015		
Committed	Budiknon, Inc.	Peakpower Bukidnon,		10.4	On going application for Building Permit from the Local Government	May 2017	June 2017
	Bunker Fired Power Plant	Inc.	Bukidnon				
	riant				MARKETING OF GENERATING CAPACITIES: • Power Purchase and Transfer Agreement (PPTA) was entered into by PBI and Bukidnon II Electric Cooperative, Inc. (BUSECO) on 22 August 2014		
					* Power Furchase and Transier Agreement (PFTA) was entered into by Pol and bushnorn in electric Cooperative, inc. (505ECO) on 22 August 2014 - off-taker: ASELOO (10.4MW)		
					2		
					COMMENCEMENT OF CONSTRUCTION:		
					 Power Plant Equipment Supply Contract between PBI and Wärtsilä Finland Oy was executed on 29 October 2015 		
					 EPC Contract between PBI and PMM Works, Inc. was executed on 25 January 2016 On-going construction is at 54.21% 		
	III/DDODOUISD			404.0	* Origing Constitution is at 34.21%		
	HYDROPOWER			134.2			
					PERMITS AND OTHER REGULATORY REQUIREMENTS:		
	-Issued Confirmation of Commerciality on 24 April 2014; -Submission of lacking requirements e.g. permits in progress;				-Issued Confirmation of Commerciality on 24 April 2014;		
			February 2017				
		Furo Hydro Power					
Committed	New Bataan	Euro Hydro Power (Asia) Holdings, Inc.	Compostela	2.4		February 2017	
Committed	New Bataan	Euro Hydro Power (Asia) Holdings, Inc.		2.4	COMMENCEMENT OF CONSTRUCTION:	February 2017	(Target Testing and Commissioning)
Committed	New Bataan		Compostela	2.4	COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;	February 2017	

					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)			
					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			
Committed	Manolo Fortich I	Hedcor Bukidnon, Inc.	Santiago, Bukidnon	43.4		June 2017	June 2017	
			Bukiunon		GROUNDBREAKING SCHEDULES: -Groundbreaking held on 22 April 2015;			
					-Groundbreaking neid 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;							
		A .						
					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			
Committed	Manolo Fortich 2	Hedcor Bukidnon, Inc.	Santiago,	25.4	GROUNDBREAKING SCHEDULES:	June 2017	June 2017	
Committee	I WIGHTON TOTAL TE	medeor business, inc.	Bukidnon	25	Groundbreaking held on 22 April 2015;	Julie 2017	June 2017	
					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 37% as of June 2016			
					PERMITS AND OTHER REGULATORY REQUIREMENTS:			
					PERMILS AND OHEN REQUALITY REQUIREMENTS: -Clearance to Underatake GIS from DOE issued on 7 October 2012; Submission of lacking requirements e.g. permits in progress.			
		Agusan Power	Jabonga, Agusan		FINANCING ARRANGEMENTS: -Financial Arrangement Secured;			
Committed	Lake Mainit	Corporation	del Norte	25	-FIT	December 2017	December 2017	
					COMPANIA DE CONTROLIO			
					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)	February 2017
Committed	GEEC Biomass Cogeneration System	Green Earth Enersource Corporation	Maguindanao	2.6	FINANCING ARRANGEMENTS: -Financial Arrangement Secured; COMMENCEMENT OF CONSTRUCTION: -Operating for Own-Use;	February 2017	February 2017 (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;	February 2017	February 2017 (Target Testing and Commissioning)