## PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

As of 31 December 2016

Committed / Indicative		Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			1090			
Committed	SMC Davao Power Plant Project	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	150	FEASIBILITY STUDY: -Completed;  ARRAMGEMENT 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 1-5.00MW, DASURECO-10.0MW, LANECO-5.0MW, MORESCO 1-10.0MW, SIARELCO-2.0MW, ZAMCELCO 35.0MW, ZAMSURECO 1-8.0MW;  PERMITS AND OTHER REGULATORY REQUIREMENTS: -Environmental Impact Assessment completed; -Topographic and Hydrographic completed; -Soil investigation	Unit 2 - January 2017	Unit 2 - January 2017 (Target Testing and Commissioning)
					FEASIBILITY STUDY:  -Project information Memorandum 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 II-16MW, CAMELCO-4MW, SURNECO - 13MW, DORECO-6MW, SURSECO III - 10MW, DANECO - 15MW, BUSECO - 8MW, SOCOTECO III-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;  -ECC for power plant issued on Nav 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-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; -PhO 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 equipment installation ongoing; -Finished construction of Transmission Line; Energized the Transmission Line	3rd Unit-September 2016 (Ongoing Testing and Commissioning)	3rd Unit - January 2017
Committed	3x55 MW Balingasag Thermal Circulating Fluidized Bed Combustion (CFBC) Coal-Fired Power Plant	Minergy Coal Corporation	Brgy. Mandangoa, Balingasag, Misamis Oriental	165	FASIBLITY STUDY:  -Conducted Feasibility study from February to September 2013;  ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Land acquisition completed at Brgy. Mandangoa Balingasag, Misamis Oriental; -Processing land titting on the acquired lots  MARKETING OF GENERATING CAPACITES:  -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/Nayor's permit - 16 January 2013; -SEC Certificate of Incorporation 18-February 2013; -SEC Certificate of Incorporation 18-February 2013; -DOPE Certificate of Endorsement for REC (No. 2013-07-007)-1 August 2013; -DOPE Certificate of Endorsement for REC (No. 2013-07-007)-1 August 2013; -DOPE Certificate of Endorsement for REC (No. 2013-07-007)-1 August 2013; -Ballingasg 98 Endorsement-7 October 2013; -Ballingasg 98 Endorsement-7 October 2013; -Ballingasg 18- Endorsement-7 Distributed 19-February 2014; -Ballingasg 18- Endorsement-7 Distributed 2014; -Permit to cut occount trees-17 November 2013; -Ballingasg 2014, Advanced 2014; -Ballingasg 2014, Advanced 2014, Advanced 2014; -Permit 10-construct private port Endorsemer 2014; -Permit 10-construction completed on 14 August 2002; -Main PC Contractor Missishio Corporation; -Main Sub-contrac	Unit 1: January 2017 Unit 2: March 2017 Unit 3: May 2017	Unit 1: January 2017 Unit 2: March 2017 Unit 3: May 2017 (Target Testing and Commissioning)

					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-18.4MW, 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		
					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)		
	Soccsargen, Inc.	Peakpower	General Santos	42.04	-ui-takei. 30c0 ieco ii (15.9ww)		January 2017
Committed	Bunker Fired Power	Soccsargen, Inc.	City, South	13.94	PERMITS AND OTHER REGULATORY REQUIREMENTS:	January 2017	(Target Testing and Commissioning)
	Plant (PSI	• •	Cotabato		Clearance to Undertake a Grid Impact Study (GIS) from DOE was issued on 11 August 2015;		, , ,
	Expansion Project)				Amended ECC was issued on 28 August 2015;		
					Building Permit from the Local Government was secured on 06 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> </ul>		
					• On-going construction is at 55.78% as of Aug 2016		
					FEASIBILITY STUDY:		
					-Completed		
					Competed		
					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.				Amended ECC was issued on 26 November 2015	1	
Committed	Bunker Fired Power	Peakpower San	San Francisco,	5.2	<ul> <li>Building Permit from the Local Government was secured on 08 March 2016</li> </ul>	February 2017	March 2017
	Plant (PSI	Francisco, Inc.	Agusan del Sur			February 2017	
	Expansion Project)				MARKETING OF GENERATING CAPACITIES:		
	, , , , , , , , , , , , , , , , , , , ,				• 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:		
					<ul> <li>Power Plant Equipment Supply Contract between PSFI and Wärtsilä Finland Oy was executed on 29 October 2015</li> </ul>		
		EPC Contract between PSFI and PMM Works, Inc. was executed on 25 January 2016					
				On-going construction is at 41.76%			
					FEASIBILITY STUDY:		
					-Completed		
					FINANCING ARRANGEMENTS:		
					-Financial arrangement Secured with bank certification		
					PERMITS AND OTHER REGULATORY REQUIREMENTS:		
	Peakpower				Clearance to Undertake a Grid Impact Study (GIS) from DOE was issued on 07 May 2015     Commissioned and 11 content of 15.		
	Budiknon, Inc.	Peakpower Bukidnon	Manolo Fortich.		ECC was issued on 21 September 2015     On paint analication for Building Density from the Local Community		
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:		
					Power Purchase and Transfer Agreement (PPTA) was entered into by PBI and Bukidnon II Electric Cooperative, Inc. (BUSECO) on 22 August 2014		
					-off-taker ASECO (10.4MW)		
					COMMENCEMENT OF CONSTRUCTION:		<u></u>
					COMMENCEMENT OF CONSTRUCTION:  • Power Plant Equipment Supply Contract between PBI and Wärtsliä Finland Oy was executed on 29 October 2015		
					<ul> <li>Power Plant Equipment Supply Contract between PBI and Wärtsilä Finland Oy was executed on 29 October 2015</li> </ul>		
	HYDROPOWER			134.2	<ul> <li>Power Plant Equipment Supply Contract between PBI and Wärtsilä Finland Oy was executed on 29 October 2015</li> <li>EPC Contract between PBI and PMM Works, Inc. was executed on 25 January 2016</li> </ul>		
	HYDROPOWER			134.2	<ul> <li>Power Plant Equipment Supply Contract between PBI and Wärtsilä Finland Oy was executed on 29 October 2015</li> <li>EPC Contract between PBI and PMM Works, Inc. was executed on 25 January 2016</li> </ul>		
	HYDROPOWER			134.2	<ul> <li>Power Plant Equipment Supply Contract between PBI and Wärtsilä Finland Oy was executed on 29 October 2015</li> <li>EPC Contract between PBI and PMM Works, Inc. was executed on 25 January 2016</li> </ul>		
	HYDROPOWER			134.2	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 10.69%		
	HYDROPOWER	Euro bada Rasi	New Bataan,		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 10.69%  PERMITS AND OTHER REGULATORY REQUIREMENTS:		
Committed	HYDROPOWER  New Bataan	Euro Hydro Power	New Bataan, Compostela	134.2	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 10.69%  PERMITS AND OTHER REGULATORY REQUIREMENTS:  -Issued Confirmation of Commerciality on 24 April 2014;  -Submission of lacking requirements e.g. permits in progress;	January 2017	January 2017
		Euro Hydro Power (Asia) Holdings, Inc.			Power Plant Equipment Supply Contract between PBI and Wärtsilä Finland Oy was executed on 29 October 2015  FPC Contract between PBI and PMM Works, Inc. was executed on 25 January 2016  On-going construction is at 10.69%  PERMITS AND OTHER REGULATORY REQUIREMENTS:  -Issued Confirmation of Commerciality on 24 April 2014;	January 2017	January 2017 (Target Testing and Commissioning)
			Compostela		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 10.69%  PERMITS AND OTHER REGULATORY REQUIREMENTS:  -Issued Confirmation of Commerciality on 24 April 2014;  -Submission of lacking requirements e.g. permits in progress;	January 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:		
					PERMITS AND OTHER REGULATOR 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;		
			Santiago,		-on-going DAR Conversion still on process in securing other regulatory requirements		
Committed	Manolo Fortich I	Hedcor Bukidnon, Inc.	Bukidnon	43.4		June 2017	June 2017
					GROUNDBREAKING SCHEDULES: -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:		
					FAASBILITY STUDY: -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)		
					isolito 200 2 227, 522 de di 512 indiciniación de la calega de de la calega de la c		
					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
			Bukidnon		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;		
					-Dute with negotiation on Livin works aftic relection weeklanical, -on-going negotiation on electrical works		
					COMMENCEMENT OF CONSTRUCTION: -On-going construction is 37% as of June 2016		
					-Uni-gunig curisu uction is 37% as or Junie 2010		
					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.		
		Agusan Power	Jabonga, Agusan		FINANCING ARRANGEMENTS: -Financial Arrangement Secured;		
Committed	Lake Mainit	Corporation	del Norte	25	-FIT	December 2017	December 2017
					COMMENCEMENT OF CONSTRUCTION:		
					CONVINCEMENT 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	PERMITS AND OTHER REGULATORY REQUIREMENTS:		
Committed	PTCI Rice Husk- Fired Biomass Cogeneration Facility	Philippine Trade Center, Inc.	Sultan Kudarat, Maguindanao	1.6	FERMILS 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)	January 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;	January 2017	January 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;	January 2017	January 2017 (Target Testing and Commissioning)