PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

As of 28 February 2017

As of 28 February	2017						
Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			1090			
				1000	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;		
					ZAIVICELCO-53.DIVIW, ZAIVISUREO PS.UVIW,		
					PERMITS AND OTHER REGULATORY REQUIREMENTS:		
					Environmental Impact Assessment completed;		
					Topographic and Hydrographic completed;		
					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,	4-0	Results are being used by NGCP for pre-construction works while SMC GPHC for right-of-way;		March 2017
Committed	Plant Project Unit 2	Consolidated Power	Malita, Davao	150	SEC issued last 26 August 2011;	February 2017	(Target Testing and
		Corporation	Occidental		ECC issued in June 2013;		Commissioning)
					Water Permit Completed;		
					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 Transmission Connection on March 2016;		
					DROUGT COCT.		
					PROJECT COST: -\$630M / Php25.8B		
					-202VIII / 11/NEW		
					FEASIBILITY STUDY:		
					-Project information Memorandum Completed		
					ARRANGEMENT FOR SECURING THE REQUIRED LAND:		
					-Land acquisition completed (Leased Contract with PHIVIDEC Industrial Authority		
					MADVETING OF GENERATING CARACITIES		
					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;		
					-Contracted approximately 88% of the total net output of the 3 units of the project, Assumed rotal Rated Output less Station-Ose at 11% and Outage Allowance. Szoww; -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 II - 4MW, BUS		
					- 10 MW, COTELCO - 5 MW (TOTAL CONTRACTED CAPACITY -283MW)		
				1			

					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 May 2013;		
					-ECC for transmission line was issued on August 2013;		
	FDC-Misamis				-NWRB water permit for Tagoloan issued on September 2013;		
	Circulating Fluidized		Phividec		-NWRB conditional water permit for cooling water at Macajalar Bay was issued;	September 2016	
Committed	Bed (CFB) Coal-	FDC Utilities, Inc.	Industrial Estate,	135	-NCIP Certificate of Non-Overlap issued on February 2014;	(Ongoing Testing	March 2017
Committee	Fired Power Plant	The dimines, me.	Villanueva,	133	-LGU endorsements from concerned provincial, municipality and barangays, Registered with the Board of Investments on August 2013;	and	Waren 2017
	Project Unit 3		Misamis Oriental		-Secured Locational Clearance from Villanueva; Negotation for Foreshore Lease was completed; Right of Entry Permit was secured from Phividec;	Commissioning)	
	1 Toject Ome 3				-Right-of-Way clearance and acquisition are for issuance;	commissioning,	
					right of Way electronic and acquisition are to 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 30.019B;		
					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 equipment installation ongoing;		
					-Finished construction of Transmission Line; Energized the Transmission Line		
					FEASIBILITY STUDY:		
					-Conducted Feasibility study from February to September 2013;		
					condition (condition) to the first condition of the condi		
					ARRANGEMENT FOR SECURING THE REQUIRED LAND:		
					-Land acquisition completed at Brgy. Mandangoa Balingasag, Misamis Oriental;		
					-Processing land titling 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 REGULATORY 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 Certiicate of Incorporation-18 February 2013;		
					-DOE Certificate of Endorsement for ERC (No. 2013-07-007)-1 August 2013;		
					-DPWH Excavation Permit-3 September 2013;		
					-Balingasag SB Endorsement-7 October 2013;		
					-Building permit (Access Road)-13 November 2013;		
					-Permit to cut coconut trees-17 November 2013; DENR-ECC- 17 November 2013;		
	2				Toute contification of November 2017.		

Committed Committed Circulating Fluidized Bed Combustion (CFBC) Coal-Fired Power Plant	Minergy Coal Corporation	Brgy. Mandangoa, Balingasag, Misamis Oriental	165	-Zoning certification-2. November 2013; -BOI Registration-4 December 2013; -BOR Registration-4 December 2013; -Barangay Clearance-15 January 2014; -Mayor's Permit-16 January 2014; -BOC COR & Certification of Accreditation - 6 Fenruary 2014; -Building Permit (Power Plant)-19 June 2014; -Building Permit (Power Plant)-19 June 2014; -Locational Clearance - 1 July 2014; -PPA Permit to construct private port facility-16 September 2014; -Plumbing permit/Sanitary permit (power plant)-2014; -ECC issued on 17 November 2013; -Financial arrangement Secured from various banks (2x55MW secured on 22 January 2014, Additional 1x55MW secured on 26 May 2014; -Financial arrangement Secured from various banks (2x55MW secured on 22 January 2014, Additional 1x55MW secured on 26 May 2014; -CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -EPC contract was signed on September 2013 for 2x55MW (Supplemental Agreement to EPC Contract signed on 10 March 2014 for 1x55MW (NTP for 2x55MW on 30 Jan 2014,NTP foe 1x55MW on 29 May 2014); -Site Evaluation completed on 14 August 2002; -Main EPC Contract Mistublish in Corporation; -Main Sub-contractor: Toshiba Plants Systemes * Services Corp. (TPSC); -COMMENCEMENT OF CONSTRUCTION: -On-going construction; - 98% construction as of Dec 2016	Unit 1: March 2017 Unit 2: March 2017 Unit 3: May 2017	Unit 1: June 2017 Unit 2: June 2017 Unit 3: June 2017
GNPower Kauswagan Clean Coal-Fired Power Plant	GN Power Kauswagan Ltd. Co.	Kauswagan, Lanao del Norte	540	PROJECT COST: -P23.30B; FEASIBILITY STUDY: Completed; 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; 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, Most In CEs arranged by AMRECO PSAG; -ANECO-25 MWW, ASELCO-17.7MW, BUSECO-18.2MW, CAMELCO-2.7MW, DORECO-7.0MW, DASURECO-3.3MW, FIBECO-2.16MW, LANECO-5.5MW, MORECO-16.5MW,	December 2017	March 2018

					FEASIBILITY 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;						
					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, MORECO 1-3.0MW, MORESCO I-5.0MW, SOCOTECO I-2.0MW, SOCOTECO II-5.0MW, SUKELCO-10.0MW, SURNECO-5.0MW, SURSECO 1-3.0MW, SURSECO 1-3.0MW, SURSECO 1-3.0MW, SOCOTECO II-5.0MW, SOCOTECO II-5.0MW, SURSECO 1-3.0MW, SURSECO 1-3.0MW, SURSECO 1-3.0MW, SOCOTECO II-5.0MW, SOCOTECO II-5.0MW, SOCOTECO II-5.						
	Southern Mindanao	Sarangani Energy	Brgy. Kamanga,		ZANECO-5.0MW, ZAMSURECO I-12.0MW, ZAMSURECO 2-10.0MW, ZAMCELCO-1.0MW, PILMICO-1.0MW, PHILSINTER-4.0MW	Phase II -	Phase II -				
Committed	Coal Fired Power	Corporation	Maasim,	100		December 2018	December 2018				
	Station		Sarangani	Sarangani	Sarangani	gani	PERMITS AND OTHER REGULATORY REQUIREMENTS:				
					-ECC issued on April 2009;						
					200 3344 611 (41 200)						
										FINANCING ARRANGEMENTS:	
					-Financial Arrangement Secured on 12 December 2012;						
					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);						
					COMMENCEMENT OF CONSTRUCTION:						
					-On-going Civil Works;						
					PROJECT COST:						
					\$450M;						

	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		
	Soccsargen, Inc.		General Santos		-off-taker: SOCOTECO II (13.9MW)		March 2017
Committed	Bunker Fired Power	Peakpower	City, South	13.94		March 2017	(Target Testing and
	Plant (PSI	Soccsargen, Inc.	Cotabato		PERMITS AND OTHER REGULATORY REQUIREMENTS:		Commissioning)
	Expansion Project)				 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		
					- On Soing construction is at 33/32/w as of sun 2017		
					FEASIBILITY STUDY: Completed		
					FINANCING ARRANGEMENTS:		
					-Financial arrangement Secured with bank certification		
					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		
Committed	Bunker Fired Power	Peakpower San	San Francisco,	5.2	 Building Permit from the Local Government was secured on 08 March 2016 	March 2017	April 2017
Committee	Plant (PSI	Francisco, Inc.	Agusan del Sur	3.2		Widicii 2017	April 2017
	Expansion Project)				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 		
					• On-going construction is at 76.46% as of Jan 2017		
					FEAGURE TV CTUDY. Considered		
					FEASIBILITY STUDY: Completed		
					FINANCING ARRANGEMENTS:		
					-Financial arrangement Secured with bank certification		
					- Financial artangement 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				Clearance to Undertake a Grid Impact Study (GIS) from DOE was issued on 07 May 2015 ECC was issued on 21 September 2015		
		Peakpower Bukidnon,	Manolo Fortich,		On going application for Building Permit from the Local Government		
Committed	Bunker Fired Power	Inc.	Bukidnon	10.4	• On going application for building Perfint from the Local Government	May 2017	June 2017
	Plant	mc.	Bukidiloli		MARKETING OF GENERATING CAPACITIES:		
	Plant				Power Purchase and Transfer Agreement (PPTA) was entered into by PBI and Bukidnon II Electric Cooperative, Inc. (BUSECO) on 22 August 2014		
					• Power Purchase and Transfer Agreement (PPTA) was entered into by PBI and Bukidnon II Electric Cooperative, Inc. (BOSECO) on 22 August 2014 -off-taker: ASELCO (10.4MW)		
					Officials, Additional (additional)		
					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%		
	HADBODOMES			134.2	F OIL BOILE COILS BE CALLET W		
	HYDROPOWER			134.2			

					PERMITS AND OTHER REGULATORY REQUIREMENTS:								
			New Bataan,		-Issued Confirmation of Commerciality on 24 April 2014;		March 2017						
Committed	New Bataan	Euro Hydro Power	Compostela	2.4	-Submission of lacking requirements e.g. permits in progress;	March 2017	(Target Testing and						
	Trest Buttum	(Asia) Holdings, Inc.	Valley		Journal of Advisory of Advisor		Commissioning)						
			· · · · · · · · · · · · · · · · · · ·		COMMENCEMENT OF CONSTRUCTION:		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)								
					PERMITS AND OTHER REGULATORY REQUIREMENTS:								
					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								
			Combings		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	-oil-going DAK Conversion still on process in securing other regulatory requirements	June 2017	June 2017						
			DUKICHON		GROUNDBREAKING SCHEDULES:								
					-Groundbreaking held on 22 April 2015;								
					FINANCING ARRANGEMENTS:								
					-Financial Arrangement Secured;								
					-Financia Arrangement Secureu,								
					CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:								
					-Done with negotiation on Civil works and Electro Mechanical;								
					-boile with negotiation on clivit works and Lecturo Mechanical, -on-going negotiation on electrical works								
					On going negotiation on electrical works								
											COMMENCEMENT OF CONSTRUCTION:		
					-On-going construction is 52% as of June 2016								
					on Bonil constitution in 32% as of same 2016								
					FEASIBILTY 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)								
					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		June 2017	June 2017						
Committee	Wandlo Forticit 2	medeor burianion, inc.	Bukidnon	23.4	GROUNDBREAKING SCHEDULES:	Julie 2017	Julie 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 37% as of June 2016								

December 2017	December 2017
	Il. 2010
July 2018	July 2018 (Target Testing and
July 2010	Commissioning)
	August 2019
August 2019	(Target Testing and
	Commissioning)
February 2016	
(On-going Testing	March 2017
and	IVIAICII 2017
Commissioning)	
	March 2017
	IVIAICII 2017
March 2017	(Target Testing and
March 2017	

Committed	LPC Rice Husk-Fired Biomass Power Plant Project		Sultan Kudarat, Maguindanao	10	FINANCING ARRANGEMENTS: -Financial Arrangement Secured; COMMENCEMENT OF CONSTRUCTION: -On-going construction;	March 2017	March 2017 (Target Testing and Commissioning)
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Total Committed Rated Capacity 1267.94