## PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO) INDICATIVE As of 31 August 2016

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Committed /	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	COAL  Bislig 1 Oxyfuel-Gas Fired Power Plant Project	CENERTEC Philippines, Inc.	Brgy. Kahayag, Bislig City Surigao del Sur	1733	PERMITS AND OTHER REGULATORY REQUIREMENTS:  -Clearance to Underatake GiS (2015-09-005) from DOE released on 4 February 2016;  COMMENCEMENT OF CONSTRUCTION:  -For construction;	December 2016	December 2016 (Target Testing and Commissioning)
Indicative	Bislig 2 Oxyfuel-Gas Fired Power Plant Project	CENERTEC Philippines, Inc.	Brgy. Kahayag, Bislig City Surigao del Sur	4	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Clearance to Underatake GIS (2015-09-006) from DOE released on 4 February 2016;  COMMENCEMENT OF CONSTRUCTION: -For construction;	December 2016	December 2016 (Target Testing and Commissioning)
Indicative	SMC Davao Power Plant Project Phase II	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	300	'FEASIBILITY STUDY:Completed;  ARRANGEMENT FOR SECURING THE REQUIRED LAND:Land acquisition completed;  PERMITS AND OTHER REGULATORY REQUIREMENTS:On-going processing of ECC requirements;On-going securing of permits and other regulatory requirements; FINANCING ARRANGEMENTS:On-going negotiations for financing arrangements;	December 2018	December 2018 (Target Testing and Commissioning)
Indicative	Ozamis Coal Fired Power Plant Phase 1 - 1 x 150 MW Phase 2 - 1 x 150 MW	Ozamiz Power Generation, Inc. (wholly owned subsidiary of Avesco Marketing Corporation	Brgy, Pulot, Ozamiz City, Misamis Occidental	300	FEASIBILITY STUDY: Final revised copy of Feasibility Study submitted on 15 July 2015;  ARRANGEMENT FOR SECURING THE REQUIRED DAND:  -Land acquisition is 95% complete; 5% of which are in the final process of negotiation; Conversion of land from Agricultural to Industrial is on-going (as of 29 March 2016);  MARKETING OF GENERATING CAPACITIES:  -As of March2016, still preparing all the necessary documents that can be required for purposes of complying with the directive of ERC and the DOE on CSP; -Still in the process of marketing the electricity to the different cooperatives and were able to secure commitments with the various DUS (List of DUS with commitments: MAGELCO - 6MW; AMSURECO 1-2 MWW, MORESCO 1-8MW, MORESCO 2-8MW, MORESCO -5MW, LANECO -5MW, ZANECO-6MW, ZAMSURECO 1-8MW, AMSURECO 1-5MW, MORESCO 1-8MW, MORESCO 2-8MW, MORESCO 2-8MW, MORESCO 2-8MW, AMSURECO 1-8MW, MORESCO 1-8MW, MORESCO 2-8MW, AMSURECO 1-8MW, MORESCO 2-8MW, MORESCO 2-8MW, AMSURECO 1-8MW, MORESCO 2-8MW, MORESCO 2-8MW, AMSURECO 1-8MW, MORESCO 1-8MW, MORESCO 2-8MW, AMSURECO 1-8MW, MORESCO 2-8MW, MORESCO 2-8MW, MORESCO 2-8MW, AMSURECO 1-8MW, MORESCO 2-8MW,	Phase 1 - 1 x 150MW - Dec 2019 Phase 2 - 1 x 150MW - Jun 2020 Note: Still under study	Phase 1 - 1 x 150 MW - June 2020 Phase 2 - 1 x 150 MW - June 2020

Indicative	Sibuguey Power Plant Project	Philippine National Oil Company (PNOC- EC)	Sibugay, Zamboanga	100	FEASIBILITY STUDY:  -Technical and economic feasibility study was completed in July 2011;  PERMITS AND OTHER REGULATORY REQUIREMENTS: -Eligible bidder for Transaction Advisor on 8 August 2012; -On-going bid processing for the EIS consultancy leading to ECC application and other permits; -Processing of ECC requirements; -Clearance to Underatake GIS from DOE issued on14 October 2011;	TBD	TBD
Indicative	ZAM 100 MW Circulating Fluidized Bed (CFB) Coal- Fired Power Station	San Ramon Power Inc.	Sitio San Ramon, Bgry. Talisayan, Zamboanga City	100	FEASIBILITY STUDY: On-going Feasibility Study;  ARRANGEMENT FOR SECURING THE REQUIRED LAND: Land Lease Agreement with ZamboEcozone signed on 28 January 2013;  MARKETING OF GENERATING CAPACITIES:On-going negotiations with ZAMCELCO for baseload supply; Power Sales Agreement for ZAMCELCO is 85MW, and ZAMSURECO 1 is 10MW; Awaiting for the ERC approval of PSAL with ZAMCELCO;  PERMITS AND OTHER REGULATORY REQUIREMENTS: Environmental Clearance Certificate released on 20 March 2012 (ECC-CO-1112-0021);On-going securing permits;  GROUNDBREAKING SCHEDULES: Ground breaking held on 27 January 2013;  FINANCING ARRANGEMENTS: On-going sourcing of financing the project;  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: EPC Contract between Owner and Daelim Philippines, Inc. executed on 27 December 2012;  COMMENCEMENT OF CONSTRUCTION:  PROJECT COST: \$292 Million	TBD	TBD
Indicative	SMC Davao Power Plant Project Phase III Unit 1 - 150 MW Unit 2 - 150 MW Unit 3 - 300 MW	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	600	FEASIBILITY STUDY: -Completed;  ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Land acquisition completed;  PERMITS AND OTHER REGULATORY REQUIREMENTS: -Secured DENR ECC (ECC-CO-1304-0010) on 18 June 2013;-On-going securing of permits and other regulatory requirements  FINANCING ARRANGEMENTS: -On-going negotiations for financing arrangements;  COMMENCEMENT OF CONSTRUCTION: -On-going icivil works construction/installation;	TBD	TBD
Indicative	SMC Global Power ( 4 x 82 MW)	SMC Global Power	Brgy. Darong, Santa Cruz, Davao del Sur	328	PERMITS AND OTHER REGULATORY REQUIREMENTS:  • Issued with GIS on 8 June 2016 (DOE-EPIMB-SIS No. 2016-05-006)	TBD	TBD
Indicative	OIL-BASED  Nickel Asia Diesel Power Project  GEOTHERMAL	Nickel Asia Corporation	Surigao City, Surigao del Norte	10.9	PERMITS AND OTHER REGULATORY REQUIREMENTS:  • Issued with GIS on 30 May 2016 (DOE-EPIMB-SIS No. 2016-05-005)	TBD	TBD

Indicative	Mindanao 3 Geothermal Power Project	Energy Development Corporation	Kidapawan, North Cotabato	40	FEASIBILITY STUDY:  -On-going Feasibility Study: Resource assessment and studies in optimal power plant capacity;  ARRANGEMENT FOR SECURING THE REQUIRED LAND:  -The project is within the DOE Service Contract -GRESC# 009-10-004;  PERMITS AND OTHER REGULATORY REQUIREMENTS:  -DEMR ECC obtained; Land use permits obtained;  -LGU Endorsement on-going; Water right secured;  -On-going preparation of DENR requirements for TL FLag;  -United Project - (The Project) Project;  -Turnkey Contracts pending result of feasibility study;  -Clearance to Undertables (GIS from DOE issued on 7 June 2012;  FINANCING ARRANGEMENTS:  -On-going sourcing of financing the project;  PROJECT COST:  -Project cost is subject to the result of the feasibility study;	June 2020	June 2020 (Target Testing and Commissioning)
	HYDROPOWER			522.74			
Indicative	Limbatangon Hydroelectric Power Project	Turbines Resource & Development Corp.	Cagayan de Oro City, Misamis Oriental	9	FEASIBILITY STUDY: -Submitted Feasibility Study, Detailed Engineering Design, and 5-Yr Work Plan;  PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 12 July 2013; -Already secured LGU Endorsements, DENN ECC, and NCIP Certificate;  FINANCING ARRANGEMENTS: -Financial Arrangement Secured;  COMMENCEMENT OF CONSTRUCTION: -On-going construction; -Construction of Access Road completed	January 2018 (Target Testing and Commissioning)	January 2018 (Target Testing and Commissioning)
Indicative	Tagoloan	First Gen Mindanao Hydropower Corp.	Impasugong & Sumilao, Bukidnon	39	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 02 July 2013;  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction	June 2018	June 2018
Indicative	Culaman Hydroelectric Power Project	Oriental Energy and Power Generation Corporation	Manolo Fortich, Bukidnon	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 03 June 2013; -Clearance to Underatake GIS from DOE Issued on 5 October 2012; -Submission of lacking requirements e.g. permits in progress;  COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;	June 2018	June 2018 (Target Testing and Commissioning)
Indicative	Cabadbaran Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Impasugong & Sumilao, Bukidnon	9.75	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 02 July 2013; -Already secured LGU Endorsements, DENR Environment Compliance Certificate, NCIP Certificate of Non-Coverage, NCIP Certificate and NWRB Permit *Submission of lacking requirements e.g. permits in progress;  COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;	July 2018	July 2018 (Target Testing and Commissioning)
Indicative	Tumalaong Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baungon, Bukidnon	9	FEASIBILITY STUDY: -Submitted Feasibility Study and S-Yr Work Plan;  PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 2 July 2013; -Already secured LGU Endorsements DENR Certificate of Non-Coverage, and Conditional Water Permit;  COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;	July 2018	July 2018 (Target Testing and Commissioning)

Indicative Pas	Pasonanca Philcarbo				PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 09 January 2014; -Submission of lacking requirements e.g. permits in progress;		
Indicative Pa	Pasonanca Philearhe						
Indicative Pa.	Pasonanca Philearhe						
Indicative Pa.			m 1 60	0.5	-submission of tacking requirements e.g. permits in progress;	January 2019	January 2019
	i domanea	oon, Inc.	Zamboanga City	0.5	COMMENCEMENT OF CONSTRUCTION:	January 2019	(Target Testing and Commissioning)
					-On-going Pre-construction activities;		
					FEASIBILITY STUDY: -On going		
Indicative Kit	Kitaotao 1 Hedcor E	Bukidnon, Inc.	Bukidnon	70	ARRANGEMENT FOR SECURING THE REQUIRED LAND:  -Covered by Solar Energy Services (HSC No. 2015-05-569);  -On-goiling study to determine the final scheme for development and final capacity of the project;  FINANCING ARRANGEMENT:  -Parent Company will undertake to provide financial support;  PERMITS AND OTHER REGULATORY REQUIREMENTS:  -Permits on process for Project Site and on-going IEC;  -With renewable energy service contract;  -With on-going application for HSC amendment: Increase capacity from 35 MW to 70 MW.  MARKETING OF CAPACITIES:  -To be determined;  CONSTRUCTION OF FACILITY:  -To be undertaken after acquisition of permits	March 2019	March 2019 (Target Testing and Commissioning)
Indicative Hydroelect	MW Cabulig-2 ectric Power Plant Project Mindana Systems,	nao Energy s, Inc.	Jasaan, Misamis Oriental	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: -On-going permits and other regulatory requirements completion	December 2018	March 2019
					PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 09 April 2014;		
	a				-Submission of lacking requirements e.g. permits in progress;		
Indicative (		v Hydro Power orporation	Clarin, Misamis Occidental	5	COMMENCEMENT OF CONSTRUCTION:	April 2019	April 2019 (Target Testing and Commissioning)
	ca,	, porduon			-On-going Pre-construction activities;		(ruiget results und commissioning)
					PERMITS AND OTHER REGULATORY REQUIREMENTS:		
					reminia and princin reconstruction reconstruction Issued Confirmation of Comerciality on 09 April 2014;		
to disease .	Philnew	v Hydro Power	Clauseia Cananan da C		-Submission of lacking requirements e.g. permits in progress;	AII 2010	April 2019
Indicative N		orporation	Claveria, Cagayan de Oro	2		April 2019	(Target Testing and Commissioning)
					COMMENCEMENT OF CONSTRUCTION:		
					-On-going Pre-construction activities;		
		v Hydro Power	Manolo Fortich, Bukidnon	10	PERMITS AND OTHER REGULATORY REQUIREMENTS:	September 2019	September 2019 (Target Testing and Commissioning)
	ower Project Cor	orporation			-issued Confirmation of Commercially on 3 September 2014; -Pending submission of requirements for construction		(Target Testing and Commissioning)

Indicative	Mat-i-2	Philnew Hydro Power Corporation	Cagayan de Oro, Misamis Oriental	1.6	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 3 September 2014; Submission of lacking requirements e.g. permits in progress;  COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;	September 2019	September 2019 (Target Testing and Commissioning)
Indicative	Mat-i-3	Philnew Hydro Power Corporation	Cagayan de Oro, Misamis Oriental	3.25	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 3 September 2014; -Submission of lacking requirements e.g. permits in progress;  COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;	September 2019	September 2019 (Target Testing and Commissioning)
Indicative	Maladugao River (Upper Cascade)	UHPC Bukidnon Hydro Power I Corporation	Wao, Bukidnon	5.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 12 January 2015; -On-going permitting;	January 2020	January 2020 (Target Testing and Commissioning)
Indicative	Maladugao River (Lower Cascade)	UHPC Bukidnon Hydro Power I Corporation	Kalilangan & Wao, Bukidnon	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 14 April 2015; -On going permitting;  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;	April 2020	April 2020 (Target Testing and Commissioning)
Indicative	Lanon (Lam-alu)	Euro Hydro Power (Asia) Holdings, Inc.	Lake Sebu, South Cotabato	9.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 14 April 2015; -On going permitting;  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;	May 2020	May 2020 (Target Testing and Commissioning)
Indicative	Silo-o	Philnewriver Power Corp.	Malitbog, Bukidnon	3.29	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on Sune 2015; -On going permitting;  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;	June 2020	June 2020 (Target Testing and Commissioning)
Indicative	Agus III	Maranao Energy Corporation	Pantar & Balo-I, Lanao del Sur & Lanao del Norte	225	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;	July 2020	July 2020 (Target Testing and Commissioning)
Indicative	Malitbog	Philnewriver Power Corp.	Malitbog, Bukidnon	17.85	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;	September 2020	September 2020 (Target Testing and Commissioning)

Indicative	Maramag	Maramag Mini-Hydro Corp	Maramag, Bukidnon	1.4	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;	September 2020	September 2020 (Target Testing and Commissioning)
Indicative	Manupali	Matic Hydropwoer Corp	Valencia, Bukidnon	9	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;	September 2020	September 2020 (Target Testing and Commissioning)
Indicative	Pulanai	Repower Energy Development	Valencia, Bukidnon	10.6	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;	December 2020	December 2020 (Target Testing and Commissioning)
Indicative	Upper Manupali	Bukidnon II Electric Cooperative, Inc.	Valencia City, Bukidnon	4.4	PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of commerciality on 16 February 2016;	February 2021	February 2021 (Target Testing and Commissioning)
Indicative	Bubunawan Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baungon and Libona, Bukidnon	23	FEASIBILITY STUDY: -Submitted Feasibility, Study and 5-Yr Work Plan;  PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 02 July 2013; -Already secured LGU Endorsements, DePRE Environment Compliance Certificate, NCIP Certificate and NWRB Permit; -Clearance to Underatake GIS from DOE issued on 28 September 2012; -Bids and tendering for the EPC started on April 2014;  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -On-going Pre-construction activities;	2021	2021 (Target Testing and Commissioning)
Indicative	Lower Maladugao River Mini-Hydropower Project	Bukidnon Maladugao Hydro Power Corporation	Kalilangan and Wao, Bukidnon	15.7	PERMITS AND OTHER REGULATORY REQUIREMENTS:  • Issued with GIS on 30 May 2016 (DOE-EPIMB-SIS No. 2016-08-002)	TBD	TBD
Indicative	Maladugao (Upper Cascade) Hydroelectric Power Project	UHPC Bukidnon Hydro Power I Corporation	Kalilangan, Bukidnon	8.4	PERMITS AND OTHER REGULATORY REQUIREMENTS:  • Issued with GIS on 30 May 2016 (DOE-EPIMB-SIS No. 2016-08-003)	TBD	TBD
	SOLAR			238			
Indicative	San Francisco Solar Power Project	GPower Inc.	San Francisco, Agusan del Sur	10	ARRANGEMENT FOR SECURING THE REQUIRED LAND:  -Covered by Solar Energy Services (SESC No. 2015-09-252) on 29 December 2015;  -To be located from the existing primary transmission line of the local distribution utility, the ASELCO and 6 KM from the San Francisco substation and ASELCO main office;  -Currrently completing documentation for selected location for the project;  -PERMITS AND OTHER REGULATORY REQUIREMENTS:  -Requested DOE Endorsement to NOP for Certificate of NOn-Overlap on 29 January 2016;  -ECC approved on March 2016  -ECC approved on March 2016  -MARKETING OF GENERATING CAPACITIES:  -On-going negotiation for Bilateral Contract Arrangement with ASELCO through CSP;  FINANCING ARRANGEMENTS:  -On-going finalization for financing arrangements;  PROJECT COST INCLUDING PRE-OPERATING EXPENSES:  -PhP641 Million or \$14.2 Million	December 2016	December 2016 (Target Testing and Commissioning)

Indicative	GenSan Solar Power Project Phase I	Del Sol Energy CGS, Inc.	Brgy. Conel, General Santos City, South Cotabato	48	PERMITS AND OTHER REGULATORY REQUIREMENTS:  • Awarded with RE Service Contract (SESC No. 2015-02-106) on 28 Jan 2015  • Certificate of Commerciality No. SCC- 2015-09-024 dated 22 Sep 2015	December 2018	December 2018 (Target Testing and Commissioning)
Indicative	GenSan Solar Power Project Phase II	Del Sol Energy CGS, Inc.	Brgy. Tambler, General Santos City, South Cotabato	48	PERMITS AND OTHER REGULATORY REQUIREMENTS:  • Awarded with RE Service Contract (SESC No. 2015-02-106) on 28 Jan 2015  • Certificate of Commerciality No. SCC- 2015-09-024 dated 22 Sep 2015	December 2018	December 2018 (Target Testing and Commissioning)
Indicative	60 MW General Santos City Solar Power Project		General Santos City, South Cotabato	60	Feasibility Studies, Permits and Other Regulatory RequirementsIssued with GIS on 23 Nov 2015, GIS #2015-11-001	TBD	TBD
Indicative	San Francisco Solar Power Project	Gpower Inc.	San Francisco, Agusan del Sur	10	PERMITS AND OTHER REGULATORY REQUIREMENTS:  • Issued with GIS on 4 April 2016 (DOE-EPIMB-SIS No. 2016-04-006)	TBD	TBD
Indicative	Jasaan Solar Power Project	Lohas and Soul Lighting, Inc.	Jasaan, Misamis Oriental	60	PERMITS AND OTHER REGULATORY REQUIREMENTS:  • Issued with GIS on 11 May 2016 (DOE-EPIMB-SIS No. 2016-04-001)	TBD	TBD
Indicative	Sumilao Solar Power Project	Sunasia Energy, Inc.	San Vicente, Sumilao, Bukidnon	2	PERMITS AND OTHER REGULATORY REQUIREMENTS:  • Issued with GIS on 7 June 2016 (DOE-EPIMB-SIS No. 2016-05-008)	TBD	TBD
	BIOMASS			46.3			
Indicative	10MW Malay-balay Bio- Energy Corporation Multi Feedstock Generating Facility	Malaybalay Bio- Energy Corporation	Bukidnon	9	PERMITS AND OTHER REQUIATORY REQUIREMENTS: -Secured Clearance from DOE for the conduct of GIS on 28 February 2014;  FINANCING ARRANGEMENTS: -Financial Arrangement Secured;	December 2017	December 2017 (Target Testing and Commissioning)
Indicative	23.5 MW EPC Woody Biomass Power Plant Project	Eastern Petroleum Corporation	Agusan del Norte	21	FINANCING ARRANGEMENTS: -Financial Arrangement Secured;  COMMENCEMENT OF CONSTRUCTION: -For construction;	December 2017	December 2017 (Target Testing and Commissioning)
Indicative	12 MW Napier Grass-Fired Biomass Power Plant Project	Manolo Fortich Biomass Energy Corporation	Bukidnon	10.8	FINANCING ARRANGEMENTS: -Financial Arrangement Secured;  COMMENCEMENT OF CONSTRUCTION: -For construction;	January 2018	January 2018 (Target Testing and Commissioning)
Indicative	LPC Biomass Power Plant Project	Lamsan Power Corporation	Maguindanao	5.5	COMMENCEMENT OF CONSTRUCTION: -For construction;	December 2018	December 2018 (Target Testing and Commissioning)