

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)
INDICATIVE
As of 31 March 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			928			
Indicative	Ozamiz Coal Fired Power Plant	Ozamiz Power Generation, Inc. (wholly owned subsidiary of Avesco Marketing Corporation)	Brgy. Pulot, Ozamiz City, Misamis Occidental	300	<p>FEASIBILITY STUDY: Final copy submitted last July 15, 2015</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Land acquisition is 98% complete; 2% still on-going negotiation of which are in the final process of negotiation; Conversion of land from Agricultural to Industrial is on-going with release of CENRO (reclassification from CENRO city zoning); Permits and other regulatory requirements (arrange based on the sequence of date released)</p> <p>MARKETING OF GENERATING CAPACITIES: -Still in the process of marketing the electricity to the different cooperatives;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Brgy Pulot Endorsement released last March 7, 2014; Ozamiz City Endorsement released last March 11, 2014; Certificate of Endorsement (CoE) released on June 4, 2015; Environmental Clearance Certificate released on 15 October 2015 (ECC-CO-1502-0002); Approved Grid/System Impact Study released on 7 January 2016; Certificate of Endorsement to BOI released last February 5, 2016; Certificate of Non-Overlap from NCIP was released February 1, 2017; Certificate of Non-Coverage from NCIP was released February 1, 2017; New CAAP Certificate of Height Clearance released last January 5, 2018; Facilities Study for the inter-connection service agreement contract with NGCP (prerequisite); Applications for Board of Investments, Bureau of Customs, Foreshore Lease Agreement, Tree Cutting permit, PAA Clearance to Develop Private Port Facility, Local Governemnt Permits, Transmission Service Agreement with NGCP, NWRB Water Permit Application (Business Permit, Fencing Permit, Zoning Permit) all on-going.</p> <p>ESTIMATED NUMBER OF JOBS GENERATED -During Construction Direct (Peak): 3600-4200; Indirect: 2500-3000 During Operation-192</p> <p>GROUNDBREAKING SCHEDULES: -1st Quarter of 2019. Phase 1 - 1 x 150 MW; and Phase 2 - 1 x 150 MW</p> <p>FINANCING ARRANGEMENTS: -On-going negotiation with prospective investor; Debt:Equity Ratio is 75:25</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -On-going negotiations with prospective EPC Contractor</p> <p>COMMENCEMENT OF CONSTRUCTION: Site clearing is 50% completed; Site Development Works- March 2019</p> <p>TARGET TESTING AND COMMISSIONING -July 2022 TARGET COMMERCIAL OPERATION -January 2023</p> <p>ISSUES ENCOUNTERED RE PROJECT DEVELOPMENT</p> <p>-FORESHORE LEASE AGREEMENT: The city released an ordinance last 2012 prohibiting construction work of any kind in foreshore areas, but we were able to secure an exemption and the local DENR office has already accepted our application and no under process;</p> <p>-NCIP CERTIFICATE OF NON-COVERAGE: Documents were lost between the provincial and regional offices and changes on the officer-in-charge; -Excess of power supply.</p>	TBD	2023
Indicative	SMC Malita Coal Power Project Phase II	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao Occidental	300	<p>FEASIBILITY STUDY: -Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Land acquisition completed;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -On-going processing of ECC requirements; -On-going securing of permits and other regulatory requirements;</p> <p>FINANCING ARRANGEMENTS: -On-going negotiations for financing arrangements;</p>	TBD	TBD
Indicative	SMC Global Power Coal-Fired Power Plant	SMC Global Power	Brgy. Darong, Santa Cruz, Davao del Sur	328	<p>FEASIBILITY STUDY Pre-Engineering activities in progress</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 June 2016 (DOE-EPIMB-SIS No. 2016-05-006) Units (4 x 82 MW)</p>	TBD	TBD
	NATURAL GAS			0			

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	OIL-BASED						
Indicative	TPI Diesel Power Plant	Total Power Incorporated	Mati, Davao Oriental	5.883	<p>FEASIBILITY STUDY: -Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -On-going;</p> <p>MARKETING OF GENERATING CAPACITIES: -On-going negotiations; Davao Oriental Electric Cooperative, Inc. (5MW)</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -On-going;</p>	June 2020	December 2020
	GEOHERMAL						
Indicative	EDC Mindanao 3 Geothermal Power Project	Energy Development Corporation	Kidapawan, North Cotabato	30	<p>FEASIBILITY STUDY: -On-going Feasibility Study; Resource assessment and studies in optimal power plant capacity;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -The project is within the DOE Service Contract -GRESCH# 009-10-004;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -DENR ECC obtained; Land use permits obtained; -LGU Endorsement on-going; Water right secured; -On-going preparation of DENR requirements for TL FLAg; -Water rights secured; -Turnkey Contracts pending result of feasibility study; -Clearance to Undertake GIS from DOE issued on 7 June 2012;</p> <p>FINANCING ARRANGEMENTS: -On-going sourcing of financing the project;</p> <p>PROJECT COST: -Project cost is subject to the result of the feasibility study;</p>	November 2021	December 2021
	HYDROPOWER						
Indicative	Lake Mainit	Agusan Power Corporation	Jabonga, Agusan del Norte	25	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Clearance to Undertake GIS from DOE issued on 7 October 2012; Submission of lacking requirements e.g. permits in progress.</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured; -FIT</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going construction;</p>	November 2020	December 2020
Indicative	Bubunawan Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baungon and Libona, Bukidnon	23	<p>FEASIBILITY STUDY: -Submitted Feasibility Study and 5-Yr Work Plan;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 02 July 2013; -Already secured LGU Endorsements, DENR Environment Compliance Certificate, NCIP Certificate and NWRB Permit; -Clearance to Undertake GIS from DOE issued on 28 September 2012; -Bids and tendering for the EPC started on April 2014;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -On-going Pre-construction activities;</p>	November 2021	December 2021
Indicative	Pulanai	Repower Energy Development	Valencia, Bukidnon	10.6	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	November 2022	December 2022

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Indicative	Tagum	Sta. Clara Power Corp.	Maco, Compostela Valley	2.60	Issued Confirmation of Commercialization on 01 December 2016. Ongoing pre-construction activities.	November 2024	December 2024
Indicative	Tagoloan	First Gen Mindanao Hydropower Corp.	Impasugong & Sumilao, Bukidnon	39	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 02 July 2013;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction</p>	November 2025	December 2025
Indicative	Culaman Hydroelectric Power Project	Oriental Energy and Power Generation Corporation	Manolo Fortich, Bukidnon	10	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 03 June 2013; -Clearance to Undertake GIS from DOE issued on 5 October 2012; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	November 2025	December 2025
Indicative	Katipunan River Mini Hydro Power Project	Repower Energy Development	Cabanglasan, Bukidnon	6.2	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued with System Impact Study on 7 November 2016 (DOE-EPIMB-SIS No. 2016-10-005);</p>	November 2025	December 2025
Indicative	Cabadbaran Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Cabadbaran, Agusan del Norte	9.75	<p>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;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	November 2025	December 2025
Indicative	Lower Maladugao River Mini-Hydropower Project	Bukidnon Maladugao Hydro Power Corporation	Kalilangan and Wao, Bukidnon	15.7	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 30 May 2016 (DOE-EPIMB-SIS No. 2016-08-002)</p>	November 2025	December 2025

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Indicative	Maladugao (Upper Cascade) Hydroelectric Power Project	UHPC Bukidnon Hydro Power I Corporation	Kailangan, Bukidnon	8.4	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 30 May 2016 (DOE-EPIMB-SIS No. 2016-08-003) 	November 2026	December 2026
Indicative	Sawaga River Mini Hydro Power Project	Repower Energy Development	Malaybalay, Bukidnon	4.5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with System Impact Study on 7 November 2016 (DOE-EPIMB-SIS No. 2016-10-005); 	November 2026	December 2026
Indicative	Liangon Hydropower Project	Liangon Power Corp.	Bacolod, Lanao del Norte	11.9	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 30 January 2018 (DOE-EPIMB-SIS No. 2018-01-005) 	November 2026	December 2026
Indicative	Malitbog	Philnewriver Power Corp.	Malitbog, Bukidnon	3.4	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</p> <ul style="list-style-type: none"> Pending submission of requirements for construction; 	TBD	TBD
Indicative	Clarín	Philnew Hydro Power Corporation	Clarín, Misamis Occidental	5	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 09 April 2014; Submission of lacking requirements e.g. permits in progress; <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> On-going Pre-construction activities; 	TBD	TBD
Indicative	Mat-i-i	Philnew Hydro Power Corporation	Claveria, Cagayan de Oro	4.85	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued Confirmation of Commerciality on 09 April 2014; Submission of lacking requirements e.g. permits in progress; <p>COMMENCEMENT OF CONSTRUCTION:</p> <ul style="list-style-type: none"> On-going Pre-construction activities; 	TBD	TBD

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Indicative	Silo-o	Philnewriver Power Corp.	Malibog, Bukidnon	3.29	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: - Issued Confirmation of Commerciality on 5 June 2015; - On going permitting;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: - Pending submission of requirements for construction;</p>	TBD	TBD
Indicative	Agus III	Maranao Energy Corporation	Pantar & Balo-I, Lanao del Sur & Lanao del Norte	225	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: - Pending submission of requirements for construction;</p>	TBD	TBD

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Indicative	Kitaotao 1	Hedcor Bukidnon, Inc.	Bukidnon	70	<p>FEASIBILITY STUDY: -On going</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Covered by Solar Energy Services (HSC No. 2015-05-569) ; -On-going study to determine the final scheme for development and final capacity of the project;</p> <p>FINANCING ARRANGEMENT: -Parent Company will undertake to provide financial support;</p> <p>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.</p> <p>MARKETING OF CAPACITIES: -To be determined;</p> <p>CONSTRUCTION OF FACILITY: -To be undertaken after acquisition of permits</p>	TBD	TBD
Indicative	10 MW Cabulig-2 Hydroelectric Power Plant Project	Mindanao Energy Systems, Inc.	Jasaan, Misamis Oriental	10	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -On-going permits and other regulatory requirements completion</p>	TBD	TBD
Indicative	Davao Hydroelectric Power Project	San Lorenzo Ruiz Olympia	Davao City	140	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6 October 2016 (DOE-EPIMB-SIS No. 2016-09-003)</p>	TBD	TBD
Indicative	South Pulangi Hydroelectric Power Project	Pulangi Hydro Power Corporation	Damulos, Bukidnon	250	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 13 September 2018 (DOE-EPIMB-RE-SIS No. 2018-09-002)</p>	TBD	TBD
Indicative	Mangima Hydro electric Corp	Mangima Hydropower Corp	Manolo Fortich, Bukidnon	12	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 14 February 2020 (DOE-EPIMB-SIS No. 2020-02-009)</p>	TBD	TBD
	BIOMASS			113.4			
Indicative	10MW Malay-balay Bio-Energy Corporation Multi Feedstock Generating Facility	Malaybalay Bio-Energy Corporation	Bukidnon	10	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Secured Clearance from DOE for the conduct of GIS on 28 February 2014;</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>COMMENCEMENT OF CONSTRUCTION: -Operating for Own-Use; -On-going construction;</p>	November 2020	December 2020
Indicative	NAREDCO Biogas Power Plant	Natures Renewable Energy Development Corporation	Lal-lo, Cagayan	24	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 25 November 2016 (DOE-EPIMB-SIS No. 2016-10-003)</p>	November 2020	December 2020
Indicative	Napier Grass-Fired Biomass Power Plant Project	Pilipinas Joule Energy Corporation	Bukidnon	5	<p>COMMENCEMENT OF CONSTRUCTION: -For construction;</p>	November 2020	December 2020
Indicative	Biogas Power Plant Project	Natures Renewable Energy Development Corporation	Maasim, Sarangani	24	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements;</p> <p>COMMENCEMENT OF CONSTRUCTION: For construction</p>	November 2020	December 2020
Indicative	23.5 MW Woody Biomass Power Plant Project	CARAGA Renewable Energy Corporation	Agusan del Norte	23.5	<p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>COMMENCEMENT OF CONSTRUCTION: -For construction;</p>	2022	2022
Indicative	12 MW Napier Grass-Fired Biomass Power Plant Project	Manolo Fortich Biomass Energy Corporation	Bukidnon	12	<p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>COMMENCEMENT OF CONSTRUCTION: -For construction;</p>	November 2020	TBD
Indicative	Bagasse-Fired Co-generation Power Plant	Crystal Sugar, Inc.	Maramag, Bukidnon	14.9	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 13 October 2016 (DOE-EPIMB-SIS No. 2016-10-003)</p>	TBD	TBD

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	SOLAR			809.96			
Indicative	Liberty Solar Project	Astronergy Development Dipolog Inc.	La Libertad, Zamboanga del Sur	7	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Pending ERC Provisional Authority 	June 2020	December 2020
Indicative	Greenlight Solar Power Project	Greenlight Solar Farm Tapan Corporation	Datu Odin, Sinsuat, Maguindanao	50	<p>FEASIBILITY STUDY: In progress; SIS Preparation Complete and Pending Final Approval with NGCP, with GSFTC Conformity.</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Lease Contract Executed on 23 March 2018;</p> <p>MARKETING OF GENERATING CAPACITIES: -Offtaker Under Negotiation with Several Interested Parties.</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -In progress; Municipal Council Public Consultatin Scheduled and Sec for hearing.</p> <p>ESTIMATED NUMBER OF JOBS GENERATED:</p> <ul style="list-style-type: none"> During Construction: 40 During Operation: 10 <p>GROUND BREAKING SCHEDULES: -Q1 2020</p> <p>FINANCING ARRANGEMENTS: -in progress</p>	Q3 2020	Q4 2020
Indicative	Sarangani Solar PV Power Plant	Total Power Incorporated	Alabel, Sarangani	100	<p>FEASIBILITY STUDY: In progress;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -On going</p> <p>MARKETING OF GENERATING CAPACITIES: -Under negotiation with Electric Cooperatives</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued with SIS on 18 October 2018 (DOE-EPIMB-SIS No. 2018-10-004)</p> <p>GROUND BREAKING SCHEDULES: -Target date of groundbreaking June 2019</p> <p>COMMENCEMENT OF CONSTRUCTION: -Target date of Commencement of Construction July 2019</p>	September 2020	December 2020
Indicative	Banale Solar Power Project	Astronergy Development Pagadian, Inc.	Brgy. Banale, Pagadian, Zamboanga del Norte	13	<p>FEASIBILITY STUDY: -Ongoing conduct of Distribution Impact Study. Refer to February 2019 report for proof of conduct of DIS.</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Ongoing transfer of Title for the Access Road.</p> <p>MARKETING OF GENERATING CAPACITIES: -Entered into bilateral contract with Zamboanga del Sur 1 Electric Cooperative Inc. signed on July 2019- please refer to rprogress report submitted on February 19, 2019.</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Pending Permits: Energy Regulatory Commission Provisional Authority.</p> <p>GROUND BREAKING SCHEDULES: 1st Quarter of year 2020</p> <p>FINANCING ARRANGEMENTS: -Pending loan application due to absence of ERC Provisional authority.</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -On going request for EPC turnkey proposal- refer to progress report submitted last February 2019.</p>	December 2020	December 2020
Indicative	Conel Solar Power Project	Embrace Nature Power 1 Corporation	General Santos City, South Cotabato	16	<p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Executed onditional Sales Agreement. Paid 5% Earnest Monies for the 72 hectares Barangay Mabuhay and 30 hectares for Barangay Conel respectively;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Submitted accomplished required six (6) months work program dated 7 March 2018;</p> <p>MARKETING OF GENERATING CAPACITIES: -On-going negotiation;</p>	March 2021	June 2021

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Indicative	Mabuhay Solar Power Project	Embrace Nature Power 1 Corporation	General Santos City, South Cotabato	44	ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Executed conditional Sales Agreement. Paid 5% Earnest Monies for the 72 hectares Barangay Mabuhay and 30 hectares for Barangay Conel respectively; PERMITS AND OTHER REGULATORY REQUIREMENTS: -Submitted accomplished required six (6) months work program dated 7 March 2018; MARKETING OF GENERATING CAPACITIES: -On-going negotiation;	March 2021	June 2021
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

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Indicative	GenSan Solar Power Project Phase I	Del Sol Energy CGS, Inc.	Brgy. Conel, General Santos City, South Cotabato	48	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> 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 For issuance of show-cause letter 	TBD	TBD
Indicative	GenSan Solar Power Project Phase II	Del Sol Energy CGS, Inc.	Brgy. Tambler, General Santos City, South Cotabato	48	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> 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 For issuance of show-cause letter 	TBD	TBD
Indicative	60 MW General Santos City Solar Power Project	Astroenergy Gensan Inc.	General Santos City, South Cotabato	60	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> Issued 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	<p>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> 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; Currently completing documentation for selected location for the project; <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Requested DOE Endorsement to NCIP for Certificate of Non-Overlap on 29 January 2016; ECC approved on March 2016 Issued with GIS on 4 April 2016 (DOE-EPIMB-SIS No. 2016-04-006) <p>MARKETING OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> On-going negotiation for Bilateral Contract Arrangement with ASELCO through CSP; <p>FINANCING ARRANGEMENTS:</p> <ul style="list-style-type: none"> On-going finalization for financing arrangements; <p>PROJECT COST INCLUDING PRE-OPERATING EXPENSES:</p> <ul style="list-style-type: none"> Php641 Million or \$14.2 Million 	TBD	TBD
Indicative	Jasaan Solar Power Project	Lohas and Soul Lighting, Inc.	Jasaan, Misamis Oriental	60	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with GIS on 11 May 2016 (DOE-EPIMB-SIS No. 2016-04-001) 	TBD	TBD
Indicative	Lal-lo Solar PV Power Plant	Natures Renewable Energy & Development (NAREDCO) Corp.	Maasim, Sarangani	100	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 09 January 2017 (DOE-EPIMB-SIS No. 2017-01-001) 	TBD	TBD
Indicative	Solar Power Plant	Ecoglobal, Inc	Zamboanga City Special Economic Zone	30	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 21 April 2017 (DOE-EPIMB-SIS No. 2017-03-002) 	TBD	TBD
Indicative	Hayes Solar Power Project	Hayes Solar Energy Corporation	Villanueva, Misamis Oriental	27	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 10 May 2017 (DOE-EPIMB-SIS No. 2017-05-004) 	TBD	TBD
Indicative	Opol Solar Power Project	Electra Ecoenergy Corporation	Brgy. Patag, Opol, Misamis Oriental	25	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 1 August 2017 (DOE-EPIMB-SIS No. 2017-06-001) 	TBD	TBD
Indicative	Tantangan Solar Power Project	NVPSE Five Inc.	Tantangan, South Cotabato	65	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 1 June 2018 (DOE-EPIMB-SIS No.2018-05-002) 	TBD	TBD

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Indicative	Laguindingan Solar Power Project	Liberty Solar Energy Corporation (formerly Cagayan Electric Power & Light Company, Inc.)	Laguindingan, Misamis Oriental	20	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Awarded with RE Service Contract (SESC No. 2014-05-079) on 10 Jun 2014 • With DOC under evaluation of REMB / C-REC 	TBD	TBD
Indicative	Claveria Solar Power Project	The Ark Green Dynamic Resources Corp.	Claveria, Misamis Oriental	60	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Awarded with RE Service Contract (SESC No. 2014-12-094) on 22 Dec 2014 • With DOC under evaluation of REMB / C-REC 	TBD	TBD

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Indicative	South Cotabato Solar Power Project	Astronergy Development Gensan, Inc.	Lanao del Norte/lanao del Sur	24.96	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 15 August 2018 (DOE-EPIMB-SIS No. 2018-08-002)	TBD	TBD
	WIND			0			

Total Indicative Rated Capacity 2,777.4

771

	BESS			410			
Indicative	Surigao / Butuan Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Surigao / Butuan	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)	TBD	TBD
Indicative	Zamboanga Battery Energy Storage	Limay Power Generation Corporation (formerly: SMCGP Philippines Energy Storage Co. Ltd.)	Zamboanga	200	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 13 June 2019 (DOE-EPIMB-SIS NO. 2019-06-001)	TBD	TBD
Indicative	3 x 20 Pitogo Battery Energy Storage Solution	Hill Trench Power Inc.	Brgy. Sinunuc, Pitogo, Zamboanga City, Zamboanga del Sur	60	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 28 May 2019 (DOE-EPIMB-SIS NO 2019-05-001)	TBD	12 months after completion of SIS/FS
Indicative	2 x 20 Sangali Battery Energy Storage Solution	Hill Trench Power Inc.	Sangali, Zamboanga City, Zamboanga del Sur	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 28 May 2019 (DOE-EPIMB-SIS NO 2019-05-001)	TBD	12 months after completion of SIS/FS
Indicative	2 x 20 Aurora (Pagadian) Battery Energy Storage Solution	Hill Trench Power Inc.	Aurora, Zamboanga del Norte	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 28 May 2019 (DOE-EPIMB-SIS NO 2019-05-001)	TBD	12 months after completion of SIS/FS
Indicative	Kibawe Energy Storage Project	Horus Solar Energy Corp.	Kibawe, Bukidnon	50	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 20 June 2019 (DOE-EPIMB-SIS NO. 2019-06-008)	TBD	TBD

SUMMARY - INDICATIVE PROJECTS (MINDANAO)

	MW	% Share
COAL	928.0	33.4%
OIL-BASED	5.9	0.2%
NATURAL GAS	0.0	0.0%
RENEWABLE ENERGY	1,843.6	66.4%
GEOTHERMAL	30.0	1.1%
HYDROPOWER	890.2	32.1%
BIOMASS	113.4	4.1%
SOLAR	810.0	29.2%
WIND	0.0	0.0%
TOTAL	2,777.4	
*BESS	410.0	