

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 May 2016

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			1,400.00			
Indicative	SMC Davao Power Plant Project Phase II	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	300.00	<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>	December 2018	December 2018 (Target Testing and Commissioning)
Indicative	Ozamiz 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	300.00	<p>FEASIBILITY STUDY: -Final revised copy of Feasibility Study submitted on 15 July 2015;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -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);</p> <p>MARKETING OF GENERATING CAPACITIES: -As of March 2016, 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; COTELCO-4MW;MOELCO 1 - 12MW, MOELCO 2 - 11MW, SUKELCO - 5MW, BUSECO - 7MW, LANECO - 5MW, ZANECO - 6MW, ZAMSURECO 1 - 8MW, ZAMSURECO 2 - 5MW, MORESCO 1 - 8MW, MORESCO 2 - 8MW, ANECO - 7MW, CAMELCO - 5MW, ZAMELCO - 6MW, TOTAL : 103MW); -Projections is to secure a minimum of 30MW of Contracts every 3 months starting October 2016.</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -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; -Awaiting DOE issuance for Land-Use Conversion Certificate of Urgency for DAR; -Awaiting release of Certificate of Non-Coverage from NCIP, expected release on May 2016 NIMRR Water Permit Application on going, expected completion on May 2016.</p>	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	100.00	<p>FEASIBILITY STUDY: -Technical and economic feasibility study was completed in July 2011;</p> <p>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 Undertake GIS from DOE issued on 14 October 2011;</p> <p>FINANCING ARRANGEMENTS: -On-going negotiations for financing arrangements;</p>	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	600.00	<p>FEASIBILITY STUDY: -Completed;</p> <p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: -Land acquisition completed;</p> <p>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</p> <p>FINANCING ARRANGEMENTS: -On-going negotiations for financing arrangements;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going civil works construction/installation;</p>	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	100.00	<p>ARRANGEMENT FOR SECURING THE REQUIRED LAND: Land Lease Agreement with ZamboEcozone signed on 28 January 2013;</p> <p>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;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: Environmental Clearance Certificate released on 20 March 2012 (ECC-CO-1112-0021);On-going securing permits;</p> <p>GROUND BREAKING SCHEDULES: Ground breaking held on 27 January 2013;</p> <p>FINANCING ARRANGEMENTS: On-going sourcing of financing the project;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: EPC Contract between Owner and Daelim Philippines, Inc. executed on 27 December 2012;</p> <p>COMMENCEMENT OF CONSTRUCTION:</p> <p>PROJECT COST: \$292 Million</p>	TBD	TBD
GEOTHERMAL				40.00			
Indicative	Mindanao 3 Geothermal Power Project	Energy Development Corporation	Kidapawan, North Cotabato	40.00	<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;</p>	June 2018	June 2018 (Target Testing and Commissioning)
HYDROPOWER				581.04			
Indicative	Bubunawan Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baungon and Libona, Bukidnon	23.00	<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>	July 2016	July 2016 (Target Testing and Commissioning)
Indicative	Limbatangan Hydroelectric Power Project	Turbines Resource & Development Corp.	Cagayan de Oro City, Misamis Oriental	9.00	<p>FEASIBILITY STUDY: -Submitted Feasibility Study, Detailed Engineering Design, and 5-Yr Work Plan;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 12 July 2013; -Already secured LGU Endorsements, DENR ECC, and NCIP Certificate;</p> <p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p>	January 2018 (Target Testing and Commissioning)	January 2018 (Target Testing and Commissioning)
Indicative	Tagoloan	First Gen Mindanao Hydropower Corp.	Impasugong & Sumilao, Bukidnon	39.00	<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>	June 2018	June 2018
Indicative	Culaman Hydroelectric Power Project	Oriental Energy and Power Generation Corporation	Manolo Fortich, Bukidnon	10.00	<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:</p>	June 2018	June 2018 (Target Testing and Commissioning)
Indicative	Cabadbaran Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Impasugong & Sumilao, Bukidnon	9.75	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 2 July 2013; -Already secured LGU Endorsements, DENR Environment Compliance Certificate, NCIP Certificate of Non-Coverage, NCIP Certificate and NWRB Permit¹.Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	July 2018	July 2018 (Target Testing and Commissioning)
Indicative	Tumalaong Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baungon, Bukidnon	9.00	<p>FEASIBILITY STUDY: -Submitted Feasibility Study and 5-Yr Work Plan;</p> <p>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;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	July 2018	July 2018 (Target Testing and Commissioning)

Indicative	Pasonanca	Philcarbon, Inc.	Zamboanga City	0.50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 09 January 2014; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	January 2019	January 2019 (Target Testing and Commissioning)
Indicative	10 MW Cabulig-2 Hydroelectric Power Plant Project	Mindanao Energy Systems, Inc.	Jasaan, Misamis Oriental	10.00	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -On-going permits and other regulatory requirements completion</p>	December 2018	March 2019
Indicative	Clarín	Philnew Hydro Power Corporation	Clarín, Misamis Occidental	5.00	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 09 April 2014; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	April 2019	April 2019
Indicative	Mat-i-1	Philnew Hydro Power Corporation	Claveria, Cagayan de Oro	2.00	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 09 April 2014; -Submission of lacking requirements e.g. permits in progress;</p>	April 2019	April 2019
Indicative	New Bataan	Euro Hydro Power (Asia) Holdings, Inc.	New Bataan, Compostela Valley	2.40	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 24 April 2014; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	April 2019	April 2019 (Target Testing and Commissioning)
Indicative	Mangima Hydroelectric Power Project	Philnew Hydro Power Corporation	Manolo Fortich, Bukidnon	10.00	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 3 September 2014; -Pending submission of requirements for construction</p>	September 2019	September 2019 (Target Testing and Commissioning)
Indicative	Mat-i-2	Philnew Hydro Power Corporation	Cagayan de Oro, Misamis Oriental	1.60	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 3 September 2014; Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	September 2019	September 2019 (Target Testing and Commissioning)
Indicative	Mat-i-3	Philnew Hydro Power Corporation	Cagayan de Oro, Misamis Oriental	3.25	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 3 September 2014; -Submission of lacking requirements e.g. permits in progress;</p> <p>COMMENCEMENT OF CONSTRUCTION: -On-going Pre-construction activities;</p>	September 2019	September 2019 (Target Testing and Commissioning)
Indicative	Maladugao River (Upper Cascade)	UHPC Bukidnon Hydro Power I Corporation	Wao, Bukidnon	5.50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 12 January 2015; -On-going permitting;</p>	January 2020	January 2020 (Target Testing and Commissioning)
Indicative	Maladugao River (Lower Cascade)	UHPC Bukidnon Hydro Power I Corporation	Kallangan & Wao, Bukidnon	10.00	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 14 April 2015; -On going permitting;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	April 2020	April 2020 (Target Testing and Commissioning)
Indicative	Lanon (Lam-alu)	Euro Hydro Power (Asia) Holdings, Inc.	Lake Sebu, South Cotabato	9.50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of Commerciality on 14 April 2015; -On going permitting;</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	May 2020	May 2020 (Target Testing and Commissioning)

Indicative	Silo-o	Philnewriver Power Corp.	Malitbog, 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>	June 2020	June 2020 (Target Testing and Commissioning)
Indicative	Agus III	Maranao Energy Corporation	Pantar & Balo-I, Lanao del Sur & Lanao del Norte	225.00	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	July 2020	July 2020 (Target Testing and Commissioning)
Indicative	Malitbog	Philnewriver Power Corp.	Malitbog, Bukidnon	17.85	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	September 2020	September 2020 (Target Testing and Commissioning)
Indicative	Maramag	Maramag Mini-Hydro Corp	Maramag, Bukidnon	1.40	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	September 2020	September 2020 (Target Testing and Commissioning)
Indicative	Manupali	Matic Hydropwoer Corp	Valencia, Bukidnon	9.00	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	September 2020	September 2020 (Target Testing and Commissioning)
Indicative	Pulanai	Repower Energy Development	Valencia, Bukidnon	10.60	<p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: -Pending submission of requirements for construction;</p>	December 2020	December 2020 (Target Testing and Commissioning)
Indicative	Upper Manupali	Bukidnon II Electric Cooperative, Inc.	Valencia City, Bukidnon	4.40	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Issued Confirmation of commerciality on 16 February 2016;</p>	February 2021	February 2021
Indicative	Kitaotao 1	Hedcor Bukidnon, Inc.	Bukidnon	150.00	<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>	December 2021	December 2021
SOLAR				166.00			
Indicative	GenSan Solar Power Project Phase I	Del Sol Energy CGS, Inc.	General Santos City, South Cotabato	48	<p>Feasibility Studies, Permits and Other Regulatory Requirements -Covered by Solar Energy Service Contract (SESC No. 2015-02-106) on 28 January 2015; DOE Certificate of Confirmation of Commerciality-acquired on 22 September 2015</p>	March 2016	May 2016
Indicative	GenSan Solar Power Project Phase II	Del Sol Energy CGS, Inc.	General Santos City, South Cotabato	48	<p>Feasibility Studies, Permits and Other Regulatory Requirements -Covered by Solar Energy Service Contract (SESC No. 2015-02-107) on 28 January 2015; DOE Certificate of Confirmation of Commerciality-acquired on 03 August 2015</p>	March 2016	May 2016

Indicative	10 MW San Francisco Solar Power Project	GPower Inc.	San Francisco, Agusan del Sur	10	<p>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; -Currently completing documentation for selected location for the project;</p> <p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Requested DOE Endorsement to NCIP for Certificate of Non-Overlap on 29 January 2016; -ECC approved on March 2016</p>	December 2016	December 2016
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 -Issued with GIS on 23 Nov 2015, GIS #2015-11-001</p>	TBD	TBD
	BIOMASS			51.30			
Indicative	Bislig 1 Oxyfuel-Gas Fired Power Plant Project	CENERTEC Philippines, Inc.	Brgy. Kahayag, Bislig City Surigao del Sur	1.00	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Clearance to Undertake GIS (2015-09-005) from DOE released on 4 February 2016;</p> <p>COMMENCEMENT OF CONSTRUCTION: -For construction;</p>	December 2016	December 2016
Indicative	Bislig 2 Oxyfuel-Gas Fired Power Plant Project	CENERTEC Philippines, Inc.	Brgy. Kahayag, Bislig City Surigao del Sur	4.00	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Clearance to Undertake GIS (2015-09-006) from DOE released on 4 February 2016;</p> <p>COMMENCEMENT OF CONSTRUCTION: -For construction;</p>	December 2016	December 2016
Indicative	10MW Malay-balay Bio-Energy Corporation Multi Feedstock Generating Facility	Malaybalay Bio-Energy Corporation	Bukidnon	9.00	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: -Secured Clearance from DOE for the conduct of GIS on 28 February 2014;</p> <p>FINANCING ARRANGEMENTS:</p>	December 2017	December 2017
Indicative	23.5 MW EPC Woody Biomass Power Plant Project	Eastern Petroleum Corporation	Agusan del Norte	21.00	<p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>COMMENCEMENT OF CONSTRUCTION: -For construction;</p>	December 2017	December 2017
Indicative	12 MW Napier Grass-Fired Biomass Power Plant Project	Manolo Fortich Biomass Energy Corporation	Bukidnon	10.80	<p>FINANCING ARRANGEMENTS: -Financial Arrangement Secured;</p> <p>COMMENCEMENT OF CONSTRUCTION: -For construction;</p>	January 2018	January 2018
Indicative	LPC Biomass Power Plant Project	Lamsan Power Corporation	Maguindanao	5.50	<p>COMMENCEMENT OF CONSTRUCTION: -For construction;</p>	December 2018	December 2018

Total Indicative Rated Capacity

2,238.34