

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 15 February 2016

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	<b>COAL</b>			<b>1,400.00</b>			
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	<b>FEASIBILITY STUDY:</b> Completed; <b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b> Land acquisition completed; <b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Secured DENR ECC (ECC-CO-1304-0010) on 18 June 2013; On-going securing of permits and other regulatory requirements <b>FINANCING ARRANGEMENTS:</b> On-going negotiations for financing arrangements; <b>COMMENCEMENT OF CONSTRUCTION:</b> On-going civil works construction/installation;	Unit 1 (150MW) - 2016 Unit 2 (150MW) - 2016 Unit 3 (300 MW) - 2016	Unit 1 (150MW) - 2016 Unit 2 (150MW) - 2016 Unit 3 (300 MW) - 2016
Indicative	Sibuguey Power Plant Project	Philippine National Oil Company (PNOC-EC)	Sibugay, Zamboanga	100.00	<b>FEASIBILITY STUDY:</b> Technical and economic feasibility study was completed in July 2011; <b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> 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; <b>FINANCING ARRANGEMENTS:</b> On-going negotiations for financing arrangements;	September 2016	September 2016 (Target Testing and Commissioning)
Indicative	300 MW 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	<b>FEASIBILITY STUDY:</b> Final revised copy of Feasibility Study submitted on 15 July 2015; <b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b> Land acquisition is 90% complete; 10% of which are in the final process of negotiation; Conversion of land from Agricultural to Industrial is on-going (as of 15 February 2016); <b>MARKETING OF GENERATING CAPACITIES:</b> As of February 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; MOELCI 1 - 12MW, MOELCI 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, ZAMCELCO - 6MW, TOTAL : 103MW); Projections is to secure a minimum of 30MW of Contracts every 3 months starting October 2016. <b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> 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 March 2016; NWRB Water Permit Application on-going, expected completion on May 2016; Certificate of Endorsement to BOI released on 5 February 2016; CAAP Certificate of Height Clearance released on 10 March 2015; Facilitate Study for Transmission Service Agreement for the Open Access Rules on-going; Applications for BOI, Bureau of Customs, Foreshore Lease Agreement, Tree Cutting Permit, PPA Clearance to Develop Private Port Facility, LGU Permits (Business, Fencing and Zoning Permits) all on-going; <b>GROUND BREAKING SCHEDULES:</b> Target date of groundbreaking for finalization, but site clearing and preparation works on-going;	Phase 1 - 2 x 150MW - January 2018 Phase 2 - 1 x 150MW - May 2018	Phase 1 - 1 x 150 MW - May 2018 Phase 2 - 1 x 150 MW - May 2018
Indicative	SMC Davao Power Plant Project Phase II	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	300.00	<b>FEASIBILITY STUDY:</b> Completed; <b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b> Land acquisition completed; <b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> On-going processing of ECC requirements; On-going securing of permits and other regulatory requirements; <b>FINANCING ARRANGEMENTS:</b> On-going negotiations for financing arrangements;	December 2018	December 2018 (Target Testing and Commissioning)

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><b>FEASIBILITY STUDY:</b> On-going Feasibility Study;</p> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b> Land Lease Agreement with ZamboEcozone signed on 28 January 2013;</p> <p><b>MARKETING OF GENERATING CAPACITIES:</b>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><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Environmental Clearance Certificate released on 20 March 2012 (ECC-CO-1112-0021);On-going securing permits;</p> <p><b>GROUND BREAKING SCHEDULES:</b> Ground breaking held on 27 January 2013;</p> <p><b>FINANCING ARRANGEMENTS:</b> On-going sourcing of financing the project;</p> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> EPC Contract between Owner and Daelim Philippines, Inc. executed on 27 December 2012;</p> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <p><b>PROJECT COST:</b> \$292 Million</p>	TBD	TBD
<b>GEO THERMAL</b>				<b>40.00</b>			
Indicative	Mindanao 3 Geothermal Power Project	Energy Development Corporation	Kidapawan, North Cotabato	40.00	<p><b>FEASIBILITY STUDY:</b> On-going Feasibility Study; Resource assessment and studies in optimal power plant capacity;</p> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b>The project is within the DOE Service Contract -GRES# 009-10-004;</p> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> 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><b>FINANCING ARRANGEMENTS:</b> On-going sourcing of financing the project;</p> <p><b>PROJECT COST:</b> Project cost is subject to the result of the feasibility study;</p>	June 2018	June 2018 (Target Testing and Commissioning)
<b>HYDROPOWER</b>				<b>425.09</b>			
Indicative	Bubunawan Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baungon and Libona, Bukidnon	23.00	<p><b>FEASIBILITY STUDY:</b> Submitted Feasibility Study and 5-Yr Work Plan;</p> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> 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><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> On-going Pre-construction activities;</p>	July 2016	July 2016 (Target Testing and Commissioning)
Indicative	Limbatangon Hydroelectric Power Project	Turbines Resource & Development Corp.	Cagayan de Oro City, Misamis Oriental	9.00	<p><b>FEASIBILITY STUDY:</b> Submitted Feasibility Study, Detailed Engineering Design, and 5-Yr Work Plan;</p> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 12 July 2013; Already secured LGU Endorsements, DENR ECC, and NCIP Certificate;</p> <p><b>FINANCING ARRANGEMENTS:</b> Financial Arrangement Secured;</p> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <p><b>COMMENCEMENT OF CONSTRUCTION:</b> On-going construction; Construction of Access Road completed</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><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 02 July 2013;</p> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> 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	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> 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; <b>COMMENCEMENT OF CONSTRUCTION:</b> 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	9.80	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> 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; <b>COMMENCEMENT OF CONSTRUCTION:</b> On-going Pre-construction activities;	July 2018	July 2018 (Target Testing and Commissioning)
Indicative	Tumalaong Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baugon, Bukidnon	9.00	<b>FEASIBILITY STUDY:</b> Submitted Feasibility Study and 5-Yr Work Plan; <b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 2 July 2013; Already secured LGU Endorsements DENR Certificate of Non-Coverage, and Conditional Water Permit; <b>COMMENCEMENT OF CONSTRUCTION:</b> On-going Pre-construction activities;	July 2018	July 2018 (Target Testing and Commissioning)
Indicative	Pasonanca	Philcarbon, Inc.	Zamboanga City	0.50	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 09 January 2014; Submission of lacking requirements e.g. permits in progress; <b>COMMENCEMENT OF CONSTRUCTION:</b> On-going Pre-construction activities;	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	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> On-going permits and other regulatory requirements completion	December 2018	March 2019
Indicative	Clarin	Philnew Hydro Power Corporation	Clarin, Misamis Occidental	5.00	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 09 April 2014; Submission of lacking requirements e.g. permits in progress; <b>COMMENCEMENT OF CONSTRUCTION:</b> On-going Pre-construction activities;	April 2019	April 2019
Indicative	Mat-i-1	Philnew Hydro Power Corporation	Claveria, Cagayan de Oro	2.00	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 09 April 2014; Submission of lacking requirements e.g. permits in progress; <b>COMMENCEMENT OF CONSTRUCTION:</b> On-going Pre-construction activities;	April 2019	April 2019
Indicative	New Bataan	Euro Hydro Power (Asia) Holdings, Inc.	New Bataan, Compostela Valley	2.40	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 24 April 2014; Submission of lacking requirements e.g. permits in progress; <b>COMMENCEMENT OF CONSTRUCTION:</b> On-going Pre-construction activities;	April 2019	April 2019 (Target Testing and Commissioning)
Indicative	Mangima Hydroelectric Power Project	Philnew Hydro Power Corporation	Manolo Fortich, Bukidnon	10.00	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 3 September 2014; Pending submission of requirements for construction	September 2019	September 2019 (Target Testing and Commissioning)
Indicative	Mat-i-2	Philnew Hydro Power Corporation	Cagayan de Oro, Misamis Oriental	1.60	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 3 September 2014; Submission of lacking requirements e.g. permits in progress; <b>COMMENCEMENT OF CONSTRUCTION:</b> 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	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 3 September 2014; Submission of lacking requirements e.g. permits in progress; <b>COMMENCEMENT OF CONSTRUCTION:</b> 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	5.50	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> 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	10.00	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 14 April 2015; On going permitting; <b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> 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	9.50	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 14 April 2015; On going permitting; <b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> Pending submission of requirements for construction;	May 2020	May 2020 (Target Testing and Commissioning)
Indicative	Silo-o	Philnewriver Power Corp.	Malitbog, Bukidnon	3.29	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Issued Confirmation of Commerciality on 5 June 2015; On going permitting; <b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> 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	225.00	<b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> Pending submission of requirements for construction;	July 2020	July 2020 (Target Testing and Commissioning)
Indicative	Malitbog	Philnewriver Power Corp.	Malitbog, Bukidnon	17.85	<b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> Pending submission of requirements for construction;	September 2020	September 2020 (Target Testing and Commissioning)
Indicative	Maramag	Maramag Mini-Hydro Corp	Maramag, Bukidnon	1.40	<b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> Pending submission of requirements for construction;	September 2020	September 2020 (Target Testing and Commissioning)
Indicative	Manupali	Matic Hydropwoer Corp	Valencia, Bukidnon	9.00	<b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> Pending submission of requirements for construction;	September 2020	September 2020 (Target Testing and Commissioning)
Indicative	Pulanai	Repower Energy Development	Valencia, Bukidnon	9.00	<b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> Pending submission of requirements for construction;	December 2020	December 2020 (Target Testing and Commissioning)
<b>BIOMASS</b>				<b>28.80</b>			
Indicative	10MW Kalilangan Bio-Energy Corporation Multi-Feedstock Power Generating Facility	Kalilangan Bio-Energy Corporation	Bukidnon	9.00	<b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> Clearance to Undertake GIS from DOE issued on 28 January 2014; <b>COMMENCEMENT OF CONSTRUCTION:</b> For construction;	August 2016	August 2016
Indicative	10MW Don Carlos Bio-Energy Corporation Multi-Feedstock Power Generating Facility	Don Carlos Bio-Energy Corporations	Bukidnon	9.00	<b>COMMENCEMENT OF CONSTRUCTION:</b> For construction;	August 2016	August 2016
Indicative	12 MW Biomass Power Plant Project	Misamis Oriental Bio-Energy Corporations	Misamis Oriental	10.80	<b>MARKETING OF GENERATING CAPACITIES:</b> Clearance to Undertake GIS from DOE issued on 6 June 2014; <b>COMMENCEMENT OF CONSTRUCTION:</b> For construction;	October 2017	October 2017

Total Indicative Rated Capacity 1,893.89