

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 March 2015

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			1,120.00			
Indicative	Davao del Norte 20 MW Circulating Fluidized Bed Biomass-Coal Fired Thermal Power Plant	FDC Utilities, Inc.	Maco, Davao del Norte	20	-Awaiting approval of sale from ERC on proposed plant connection at DANECO 69/13.2kV Canocotan Substation; -On-going of securing of permits; -Clearance to Undertake GIS from DOE issued on 7 June 2012; -Project cost is Php4.8B	March 2015	March 2015 (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	-On-going securing permits; -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; -EPC Contract between Owner and Daelim Philippines, Inc. executed on 27 December 2012; -Land Lease Agreement with ZamboEcozone signed on 28 January 2013; DENR had issued ECC in April 2012; -On-going sourcing of financing the project; -Ground breaking last 27 January 2013; -Notice to Proceed targeted on Q4 2013; -Project cost is \$292M	December 2015	December 2015

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Indicative	600 MW SMC Davao Power Plant Project Phase III	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	600	-Land acquisition completed; -Secured DENR ECC (ECC-CO-1304-0010) on 18 June 2013; -On-going securing of permits and other regulatory requirements; -On-going negotiations for financing arrangements; -On-going civil works construction/installation; -Project Status as of 30 September 2014 - 22.25% completed;	Phase I Unit 1 (150MW) - January 2016 Unit 2 (150MW) - June 2016 Phase II 300 MW - Dec 2018	Phase I Unit 1 (150MW) - January 2016 Unit 2 (150MW) - June 2016 (Testing and Commissioning) Phase II 300 MW - Dec 2019
Indicative	Sibuguey Power Plant Project	Philippine National Oil Company (PNOC-EC)	Sibugay, Zamboanga	100	-Technical and economic feasibility study was completed in July 2011; -Eligible bidder for Transaction Advisor on 8 August 2012; -On-going bid processing for the EIS consultancy leading to ECC application and other permits; -Clearance to Undertake GIS from DOE issued on 14 October 2011;	September 2016	September 2016 (Target Testing and Commissioning)
Indicative	300 MW Coal Fired Power Plant Phase 1 - 2 x 100MW Phase 2 - 1 x 100MW	Ozamiz Power Generation, Inc.	Brgy. Pulot, Ozamiz City, Misamis Occidental	300	-Presented plan to the LGU of Ozamiz and was endorsed the project through Sangguniang Panglungsod Resolutions; -Final Revised Copy will be submitted by end of January; Land acquisition will be completed by 1st Quarter of 2015; Certificate of Compatibility with Land Use from the City Planning and Development Office already issued last 7 October 2014; -Topographic and Bathymetric Survey of the proposed site as well as the first Technical Review by EMB are completed on June 2014;-CAAP application, NCIP Certificate of Non-Overlap, BOI application and detailed development plans are all ongoing; Awaiting release of Certificate of Non-Coverage from NCIP; -Securing of required land and conversion is 50% completed; -Final report on the 1st technical review was completed last 18 August 2014; Completing requirements for CAAP/BOI application, Endorsement from DOE to NCIP for the issuance of the CNO on 9 September 2014, BOI application and detailed site development plans are still on process; Clearance to undertake GIS released on 6 August 2014; Commencement of Geological Drilling was moved to 3rd week of November 2014 due to consolidation of additional borehole requirements; - 1st Public Scoping was already completed on 28 May 2014; Land acquisition and conversion is still on-going. 1st Phase Target Completion on August 2014; 2nd Phase and Land Conversion Target Completion October 2014; - Target Completion of DENR requirements (Environmental Impact Assessment, Environmental Compliance Certificate and Area Clearance Certificate on September 2014; DENR-ECC to be started; Target date of Ground breaking for site development works moved to January 2015; -Barangay and City Endorsement acquired last 7 March 2014 and 10 March 2014, respectively; SEC Registration obtained 11 Nov. 2013; - Target date of Ground breaking for site development works moved to January 2015; -Negotiations with prospective off-takers are on-going, ; 1st phase target completion October 2014; 2nd Phase Target Completion February 2015; All Marketing negotiations and consolidation of contracts targeted to be complete by April to May 2015; -Negotiations with foreign partners for financing arrangements on-going; Detailed Site Development Plans ongoing; Detailed Engineering Plans	Phase 1 - 2 x 100MW - March 2018 Phase 2 - 1 x 100MW - 2018	Phase 1 - 2 x 100MW - September 2018 Phase 2 - 1 x 100MW - 2018
Indicative	300 MW SMC Davao Power Plant Project Phase II	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	300	-Land acquisition completed; -On-going securing of permits and other regulatory requirements; -On-going negotiations for financing arrangements	December 2018	December 2018 (Target Testing and Commissioning)
OIL							
Indicative	2.4 MW Fuel Power Plant Project	Bukidnon Power Corporation	Barangay Barandias, Municipality of Pangantucan, Province of Bukidnon	2.4 to 4.8	-Obtained SEC Endorsement from DOE on 16 September 2014; -Signed Power Supply Agreement with FIBECO -Secured Environmental Clearance Certificate (ECC) from EMB-DENR as of 8 October 2014 -covered areas: Municipality of Maramag, Pangantucan, Kallangan, Wao -Off taker First Bukidnon Electric Cooperative, Inc. (FIBECO)	March 2015	March 2015

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	GEOTHERMAL			50.00			
Indicative	Mindanao 3 Geothermal Power Project	Energy Development Corporation	Kidapawan, North Cotabato	50	-Ongoing feasibility study, resource assessment and studies in optimal power plant capacity; -The project is within the DOE Service Contract -GRESCH 009-10-004; DENR ECC obtained; -Land use permits obtained; LGU Endorsement on-going; Water right secured; On-going preparation of DENR requirements for TL FLAG; Turnkey Contracts pending result of feasibility study; Target commissioning on 1st half of 2018; -Clearance to Undertake GIS from DOE issued on 7 June 2012; -Project cost is subject to the result of the feasibility study;	December 2017	1st Quarter 2018 (Target Testing and Commissioning)
	HYDROPOWER			161.25			
Indicative	Tagoloan Hydropower	First Gen Mindanao Hydropower Corp.	Impasugong & Sumilao, Bukidnon	39	-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; -On-going Pre-construction activities; Pre-Construction stage (93% completed as of 30 September 2014)	January 2018	January 2018 (Target Testing and Commissioning)
Indicative	Bubunawan Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baungon and Libona, Bukidnon	23	-Issued Confirmation of Commerciality on 02 July 2013; - Already secured LGU Endorsements, DENR Environment Compliance Certificate , NCIP Certificate and NWRB Permit; -Also submitted Feasibility Study and 5-Yr Work Plan; -Clearance to Undertake GIS from DOE issued on 28 September 2012; -Bids and tendering for the EPC started on April 2014; -Construction is set to start on the 3rd quarter of 2014; -On-going Pre-construction activities; -On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014;	July 2016	July 2016 (Target Testing and Commissioning)
Indicative	Tumalaong Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baungon, Bukidnon	9	-Issued Confirmation of Commerciality on 2 July 2013; - Already secured LGU Endorsements DENR Certificate of Non-Coverage, and Conditional Water Permit; - Also submitted Feasibility Study and 5-Yr Work Plan; -On-going Pre-construction activities; Pre-Construction stage (93% completed as of 30 September 2014)	July 2018	July 2018 (Target Testing and Commissioning)
Indicative	Cabadbaran Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Cabadbaran, Agusan del Norte	9.75	-Issued Confirmation of Commerciality on 03 July 2013. -Already secured LGU Endorsements, DENR Certificate of Non-Coverage, NCIP Certificate and NWRB Permit; -Also submitted Feasibility Study and 5-Yr Work Plan; -Clearance to Undertake GIS from DOE issued on 28 September 2012; -On-going Pre-construction activities; Pre-Construction stage (20% completed as of 30 September 2014); -For improvement of existing access road (logging)	July 2018	July 2018 (Target Testing and Commissioning)
Indicative	New Bataan	Euro Hydro Power (Asia) Holdings, Inc.	New Bataan, Compostela Valley	2.40	-Issued Confirmation of Commerciality on 24 April 2014; - Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities; -On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014;	January 2017	January 2017 (Target Testing and Commissioning)
Indicative	Pasonanca	Philcarbon, Inc.	Zamboanga City	0.05	-Issued Confirmation of Commerciality on 09 January 2014; -Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities; -On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014;	March 2017	March 2017 (Target Testing and Commissioning)
Indicative	Limbatangon	Turbines Resource & Development Corp	Cagayan de Oro, Misamis Oriental	9.00	-On going Construction -Issued confirmation of commerciality on 12 July 2013; -Submission of lacking requirements e.g. permits in progress	January 2017	January 2017
Indicative	Culaman Hydroelectric Power Project	Oriental Energy and Power Generation Corporation	Manolo Fortich, Bukidnon	10	-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; -On-going Pre-construction activities; Pre-Construction stage (93% completed as of 30 September 2014)	June 2018	June 2018 (Target Testing and Commissioning)
Indicative	Mangima Hydroelectric Power Project	PhilNew Hydro Power Corporation	Manolo Fortich, Bukidnon	10	-Issued Confirmation of Commerciality on 03 September 2014; - Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities; Pre-Construction stage (93% completed as of 30 September 2014)	TBD	TBD
Indicative	Clarín	PhilNew Hydro Power Corporation	Clarín, Misamis Occidental	6.20	-Issued Confirmation of Commerciality on 09 April 2014; - Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities; -On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014;	April 2019	April 2019

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Indicative	Puyo HEP	FGEN Puyo Hydro Project	Jabonga, Agusan del Norte	30.00	-Issued Confirmation of Commerciality on 12 July 2013; - Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities; -On-going construction (Pre-construction -100%, Construction-10%, Interconnection-0%) completed as of 30 September 2014; -Groundbreaking held on 17 April 2013; -Project Implementation was on hold due to security threat in the area; ¹ -Already secured LGU Endorsements, DENR Certificate of Non-Coverage; NCIP Certificate and NWRB Permit. ¹ -Also submitted Feasibility study and 5-year work plan	July 2017	July 2017
Indicative	Mat-i-1	Philnew Hydro Power Corporation	Claveria, Cagayan de Oro	4.85	-Issued Confirmation of Commerciality on 09 April 2014; - Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities; -On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014;	April 2019	April 2019
Indicative	Mat-i-2	Philnew Hydro Power Corporation	Cagayan de Oro, Misamis Oriental	4.00	-Issued Confirmation of Commerciality on 3 September 2014; - Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities; -On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014;	TBD	TBD

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Indicative	Mat-i-3	Philnew Hydro Power Corporation	Cagayan de Oro, Misamis Oriental	4.00	-Issued Confirmation of Commerciality on 3 September 2014; - Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities; -On-going construction (Pre-construction -0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014;	TBD	TBD
Indicative	Manolo Fortich 1	Hedcor Bukidnon, Inc.	Santiago, Bukidnon	43.40	- Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities;	TBD	TBD
Indicative	Manolo Fortich 2	Hedcor Bukidnon, Inc.	Santiago, Bukidnon	25.40	- Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities;	TBD	TBD
Indicative	10 MW Cabulig-2 Hydroelectric Power Plant Project	Mindanao Energy Systems, Inc.	Jasaan, Misamis Oriental	10.00	- On-going permits and other regulatory requirements completion	Dec-18	March 2019
Indicative	Maladugao River (Upper Cascade)	UHPC Bukidnon Hydro Power I Corporation	Wao, Bukidnon	5.50	- Issued Confirmation of Commerciality on 12 January 2015; On going permitting	Jan-20	Jan-20
SOLAR				28.75			
Indicative	Centrala Solar Power Project	NV Vogt Philippines Solar Energy One, Inc.	Brgy. Centrala, Surallah, South Cotabato	6.25	-Awarded with the Solar Energy Service Contract (SESC No. 2013-10-043) on 05 December 2014; -Non-FIT Project, Embedded to SOCOTECO I; -Acquired ECC from DENR, CNO from NCIP, Resolutions of Support (Barangay, Municipal, and Provincial), Land Ownership, Municipal Ordinance for Land-Use Conversion from Agricultural to Commercial/Industrial, Third Party Distribution Impact Study, and Power Purchase Agreement with SOCOTECO I; -Declaration of Commerciality was submitted on 11 April 2014; -Acquired the DOE Certificate of Confirmation of Commerciality on 18 June 2014; -Filed for ERC's Certificate of Compliance; -Secured Clearance from DOE for the conduct of GIS on 9 October 2013 ;	March 2015	March 2015 (Target Testing and Commissioning)
Indicative	Kirahon Solar Power Project Phase 1	Kirahon Solar Energy Corporation	Brgy. Kirahon, Villanueva, Misamis Oriental	12.5	-Awarded with the Solar Energy Service Contract (SESC No. 2012-03-004) on 3 May 2012; - Filed Declaration of Commerciality on 09 September 2014 (under evaluation); -ERC issued its decision on the Power Supply Agreement between CEPALCO and KSEC with approved rate of PhP 7.39 per kWh	May 2015	May 2015 (Target Testing and Commissioning)
Indicative	Digos Solar Photovoltaic Power Project	Enfinity Philippines Renewable Resources, Inc.	Digos City, Davao del Sur	10	-Awarded with the Solar Energy Service Contract (SESC No. 2012-09-033) on 12 October 2014; -Acquired ECC from DENR; -Acquired the DOE Certificate of Confirmation of Commerciality subject to execution of Amendment Contract on 11 March 2014; -Clearance to Undertake GIS from DOE issued on 7 August 2013; On-going acquisition of relevant permits under Pre-Construction Stage as per Work Plan; -On-going construction; Construction Stage as of 30 September 2014(Pre-Construction - 0% completed, Construction-0%, Interconnection-0%);On-going acquisition of relevant permits under Pre-Construction Stage as per Work Plan;	October 2015	October 2015 (Target Testing and Commissioning)

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	BIOMASS			52.40			
Indicative	12 MW Biomass Power Plant Project	Misamis Oriental Bio-Energy Corporations	Misamis Oriental	10.80	-For construction; -Clearance to Undertake GIS from DOE issued on 6 June 2014;	2017	2017
Indicative	10MW Kalilangan Bio-Energy Corporation Multi-Feedstock Power Generating Facility	Kalilangan Bio-Energy Corporation	Bukidnon	9.00	-For construction; -Clearance to Undertake GIS from DOE issued on 28 January 2014;	2016	2016
Indicative	10MW Don Carlos Bio-Energy Corporation Multi-Feedstock Power Generating Facility	Don Carlos Bio-Energy Corporations	Bukidnon	9.00	-For construction;	2016	2016
Indicative	23.5 MW EPC Woody Biomass Power Plant Project	Agusan del Norte	Eastern Petroleum Corporation	21.00	-For construction;	2017	2017
Indicative	3.5 MW Biomass Cogeneration System	Maguindanao	Green Earth Enersource Corporation	2.60	-For construction;	2017	2017

Total Indicative Rated Capacity 1,427.05