

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 30 September 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			1,230.00			
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	June 2016

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 30 September 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	600 MW SMC Davao Power Plant Project Phase III	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	600	<ul style="list-style-type: none"> -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 20 March 2014 - 20% completed; 	<p>Phase I Unit 1 (150MW) - January 2016 Unit 2 (150MW) - June 2016</p> <p>Phase II 300 MW - Dec 2018</p>	<p>Phase I Unit 1 (150MW) - January 2016 Unit 2 (150MW) - June 2016 (Testing and Commissioning)</p> <p>Phase II 300 MW - Dec 2019</p>
Indicative	Sibuguey Power Plant Project	Philippine National Oil Company (PNOC-EC)	Sibugay, Zamboanga	100	<ul style="list-style-type: none"> -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	2x55 MW Balingasag Thermal Power Plant (Circulating Fluidized Bed Combustion (CFBC) Coal-Fired Power Plant)	Minergy Coal Corporation	Brgy. Mandangao, Balingasag, Misamis Oriental	110	<ul style="list-style-type: none"> - SEC Registered on February 2013; Certificate of Endorsement (No. 2013-07-007) issued on 1 August 2013; -Site Evaluation completed on 14 August 2002; -On-going securing of permits and other regulatory requirements such as EIS/ECC; -Technical review on-going; Off-taker - CEPALCO (embedded via double ckt 138 kV line); -Main EPC Contractor: Mitsubishi Corporation; Main Sub-contractor: Toshiba Plants Systemes * Services Corp. (TPSC); -Total project cost - P14,553B 	January 2017	January 2017 (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	<ul style="list-style-type: none"> -Presented plan to the LGU of Ozamiz and was endorsed the project through Sangguniang Panglungsod Resolutions; -Minor revisions on Feasibility Study; Target completion of Feasibility Study by September 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; -Geological drilling will be completed by August 2014; -Securing of required land and conversion is 50% completed; -On-going request for a Certificate of Land Use Compatibility from the City Planning and Development Office of Ozamiz City; Final report on the 1st technical review was completed last 18 August 2014; Completing requirements for CAAP 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; - 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 -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 on December 2014; -Negotiations with prospective off-takers are on-going, 1st phase target completion October 2014; 2nd Phase Target Completion February 2015; -Negotiations with foreign partners for financing arrangements on-going; Detailed Site Development Plans ongoing; -Selection of EPC Contractor on-going; Target awarding of EPC contract by December 2014; 	<p>Phase 1 - 2 x 100MW - March 2018</p> <p>Phase 2 - 1 x 100MW - 2018</p>	<p>Phase 1 - 2 x 100MW - September 2018</p> <p>Phase 2 - 1 x 100MW - 2018</p>

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 30 September 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
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)

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 30 September 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	GEOHERMAL			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 -GRES# 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 of commissioning on December 2017; -Clearance to Undertake GIS from DOE issued on 7 June 2012; -Project cost is subject to the result of the feasibility study;	December 2017	December 2017 (Target Testing and Commissioning)

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 30 September 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	HYDROPOWER			148.20			
Indicative	Tagoloan Hydropower	First Gen Mindanao Hydropower Corp.	Impasugong & Sumilao, Bukidnon	39	-Issued Confirmation of Commerciality on 02 July 2013; -Submission of lacking requirements e.g. permits in progress; -On-going Pre-construction activities; Pre-Construction stage (93% completed as of 30 September 2014)	October 2015	October 2015 (Target Testing and Commissioning)
Indicative	Bubunawan Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baugon 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;	October 2015	October 2015 (Target Testing and Commissioning)

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 30 September 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Tumalaong Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Baugon, 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)	October 2015	October 2015 (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)	December 2015	December 2015 (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	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	5.00	¹ -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;	TBD	TBD
Indicative	Puyo HEP	FGEN Puyo Hydro Project	Jabonga, Agusan del Norte	30.00	¹ -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;	TBD	TBD

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 30 September 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Mat-i-1	Philnew Hydro Power Corporation	Claveria, Cagayan de Oro	2.00	-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;	TBD	TBD
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
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

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 30 September 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	SOLAR			28.75			
Indicative	Centralla Solar Power Project	NV Vogt Philippines Solar Energy One, Inc.	Brgy. Centralla, 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;	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)
	BIOMASS			9.00			
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;	2015	2015
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

Total Indicative Rated Capacity 1,465.95