

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 May 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning
	COAL			1,530.00		
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
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

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 May 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning
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
Indicative	2x55 MW Balingasag Thermal Power Plant (Circulating Fluidized Bed Combustion (CFBC) Coal-Fired Power Plant)	Minergy Coal Corporation	Brgy. Mandangoa, Balingasag, Misamis Oriental	110	- 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
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

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 May 2014

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

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 May 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & 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; -Feasibility Study is on-going; Target completion of Feasibility Study by May 2014; -Completed the Topographic and Bathymetric Survey of the proposed site; -Initial representation with the Office of CAAP for the height clearance requirement of the structures; -Initial study for DENR Environmental Impact Study for the ECC is on-going; -Geological drilling will be completed by July 2014; -On-going securing of permits and other regulatory requirements; -On-going negotiations for financing arrangements 	Phase 1 - 2 x 100MW - 2017 Phase 2 - 1 x 100MW - 2018

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 May 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning
	GEOHERMAL			50.00		
Indicative	Mindanao 3 Geothermal	Energy Development Corporation	Kidapawan, North Cotabato	50	-Ongoing resource assessment; DENR ECC obtained; -Land use permits obtained; LGU Endorsement obtained; Water right secured; -Clearance to Undertake GIS from DOE issued on 7 June 2012; -Project cost \$250M	December 2017

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 May 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning
	HYDROPOWER			90.80		
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; -Pre-Construction stage (93% completed as of 31 March 2014)	October 2015
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;	October 2015

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 May 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & 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; -Pre-Construction stage (93% completed as of 31 March 2014)	October 2015
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; -Pre-Construction stage (20% completed as of 31 March 2014); -For improvement of existing access road (logging)	December 2015
Indicative	Pasonanca	Philcarbon, Inc.	Zamboanga City	0.1	-Issued Confirmation of Commerciality on 09 January 2014; -Submission of lacking requirements e.g. permits in progress.	March 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; -Pre-Construction stage (93% completed as of 31 March 2014)	June 2018

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

INDICATIVE

As of 31 May 2014

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning
	SOLAR			45.00		
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;	October 2014
Indicative	Darong Solar Photovoltaic Power Project	PhilNew Energy Inc.	Sta. Cruz, Davao del Sur	35	-Awarded with the Solar Energy Service Contract (SESC No. 2011-12-007) on 16 December 2011; -Submitted the Declaration of Commerciality (DOC) on September 2011; -Clearance to Undertake GIS from DOE issued on 25 March 2011;	September 2015 (Subject to FIT)
	BIOMASS			10.80		
Indicative	12 MW Biomass Power Plant Project	Misamis Oriental Bio-Energy Corporations	Misamis Oriental	10.80		2015

Total Indicative Rated Capacity 1,726.60

**Target Commercial
Operation**

March 2015
(Target Testing and
Commissioning)

June 2016

**Target Commercial
Operation**

September 2016
(Target Testing and
Commissioning)

January 2017
(Target Testing and
Commissioning)

December 2018
(Target Testing and
Commissioning)

**Target Commercial
Operation**

Phase I

Unit 1 (150MW) -
January 2016

Unit 2 (150MW) -
June 2016

(Testing and
Commissioning)

Phase II

300 MW - Dec 2019

**Target Commercial
Operation**

Phase 1 - 2 x
100MW -2017
Phase 2 - 1 x
100MW - 2018
(Target Testing and
Commissioning)

Target Commercial Operation
December 2017 (Target Testing and Commissioning)

**Target Commercial
Operation**

October 2015
(Target Testing and
Commissioning)

October 2015
(Target Testing and
Commissioning)

**Target Commercial
Operation**

October 2015
(Target Testing and
Commissioning)

December 2015
(Target Testing and
Commissioning)

March 2017
(Target Testing and
Commissioning)

June 2018
(Target Testing and
Commissioning)

**Target Commercial
Operation**

October 2014
(Target Testing and
Commissioning)

September 2015
(Subject to FIT)
(Target Testing and
Commissioning)

2015