

PRIVATE SECTOR INITIATED POWER PROJECTS (MINDANAO)

COMMITTED

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			1,745.00			
Committed	2 X 150 MW Coal-Fired Therma South Energy Project	Therma South Inc.	Brgy. Binugao, Toril, Davao City and Brgy. Inawayan, Sta. Cruz, Davao Del Sur	300	<ul style="list-style-type: none"> -Financial Arrangement Secured: Self-funded with financing arrangements with various Banks; -Secured Clearance from DOE for the conduct of GIS on 12 October 2011; -Off-taker: Power Sales Agreement (240 MW sold) between Therma South, Inc. and Davao Light & Power Company is 100MW (DLPC), Cotabato Light & Power Company is 5MW (CLPC), Agusan del Sur is 10MW (ASELCO), Surigao del Sur II is 5MW (SURSECO II), Davao Oriental EC is 5MW (DORECO), Misamis Occidental I is 3MW (MOELCI I), Cotabato EC is 8MW (COTELCO), Sultan Kudarat EC is 8MW (SUKELCO), Zamboanga del Norte is 5MW (ZANECO), Bukidnon 2 EC is 2MW (BUSECO), Surigao del Sur I is 3MW (SURSECO I), Surigao del Norte is 5MW (SURNECO), and Zamboanga del Sur I is 5MW (ZAMSURECO); -Marketing of Generating Capacities: 240 MW Sold as 31 May 2014; -Secured the permits for site development works; -Project Status as of 26 September 2014: 90% completed; -Project cost is Php24B 	Unit 1 - November 2014 Unit 2 - January 2015	Unit 1 - 31 March 2015 Unit 2 - 30 June 2015
Committed	2 X 100 MW Southern Mindanao Coal Fired Power Station	Sarangani Energy Corporation	Brgy, Kamanga, Maasim, Sarangani	200	<ul style="list-style-type: none"> -Financial Arrangement Secured on 12 December 2012; -Project Status (Over-all) as of 20 September 2014 - 54% completed; -On-going process in securing the regulatory requirements, permits, GIS, etc. ; -On-going processing of the land conversion from agricultural lands where the plant is located to industrial use as declared by the Municipality of Maasim: Out of 28 hectares occupied by the power plant, 19 hectares were already converted and the balance of 9 hectares (for coal conveying system and ash ponds) is undergoing the process of conversion with DAR and other government entities; -Off-taker: Power Sales Agreement for 105MW between Sarangani Energy Corporation and South Cotabato II is 70MW (SOCOTECO II), Davao del Norte is 15MW (DANEKO), Agusan del Norte is 10MW (ANEKO), and Agusan del Sur is 10MW (ASELCO) was executed 2011-2012; Please note that except for SOCOTECO1, all these offtakers will be supplied by Phase 1 of the SEC project in Maasim, Sarangani. Hence, Phase 1 is already fully contracted. SOCOTECO II Power Sales Agreement already has ERC final approval while those of ASELCO and ANEKO have provisional approvals. Still working on DANEKO; SOCOTECO1 on the other hand will be supplied by Phase 2 of SEC; -EPC Contract between Owner and Daelim Philippines, Inc. executed on 30 March 2011; -Notice to Proceed to EPC Contractor issued on 28 December 2012; SEC has complete and full support of its subsidiary companies, Conal Holdings Corporaion (CHC) and Alsons Consolidated Resources(ACR); -On-going Civil Works; -Project cost \$450M; 	Phase 1 - March 2015	Phase 1 - September 2015

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Committed	3 X 135 MW FDC-Misamis Circulating Fluidized Bed (CFB) Coal-Fired Power Plant Project	FDC Utilities, Inc.	Phividec Industrial Estate, Villanueva, Misamis Oriental	405	<ul style="list-style-type: none"> -Financial Arrangement Secured on 27 December 2013 with various Banks; -Secured Clearance from DOE for the conduct of GIS on 12 September 2011; GIS Review by NGCP completed; Connection Agreement approved by NGCP in October 2013; -ECC for plant site issued on May 2013; ECCs for power plant and transmission line were issued; -ECC for transmission line issued on August 2013; -NWRB water permit for Tagoloan issued on Sept. 2013; NWRB conditional water permit for cooling water at Macajalar Bay to be issued in May 2014;NCIP Certificate of Non-Overlap issued on Feb. 2014;Seured LGU endorsements from concerned provincial, municipality and barangays;Secured Locational Clearance from Villanueva (Negotiation for Foreshore Lease was completed;Right of Entry Permit was secured from Phividec;Right-of-Way clearance and acquisition are for issuance); Registerd with the BOI on August 2013; secured Locatonal Clearance from Villanueva;Negotiation for Foreshore Lease was completed; -Off-taker: On-going negotiations with offtakers to raise contracted demand for the third unit; Contracted approximately 85% of the net output of the first 3 units of the project (As of August 2014); -Already concluded ground breaking ceremony in Villanueva, Misamis Oriental on November 2013; -EPC Contractor was awarded in September 2013;Construction Contracts for Plant's Equipment:Contract EPC was awarded in Sept. 2013; Tendering Process of the first and most of 2nd batch auxiliary equipment has been completed;Groundbreaking ceremony was held in November 2013; Project Site activities commenced in first quarter of 2014;Project activities for the 3rd Qtr of 2014: - Arrival of anchor bolts, plates,channel and other embedded parts for Unit1;Completion of pile driving and foundation excavation for boiler house for Unit 1;Ongoing manufacturing of Shanghai boiler, Alstom turbine and generator, and steel structures;On-going construction of temporary facilities;Ongoing detailed design activities for the foundations,steel structures and concrete structures;Ongoing design of turbine generator structures;Finalizing of the jetty design and ordering of the jetty piles; -Project Status as of 30 September 2014: 17.52% completed; -Project cost PhP 30.019B; 	1st Unit - December 2015 2nd Unit - March 2016 3rd Unit- June 2016	1st Unit - June 2016 2nd Unit - September 2016 3rd Unit- December 2016
Indicative	300 MW SMC Davao Power Plant Project Phase I 2x150MW	San Miguel Consolidated Power Corporation	Brgy. Culaman, Malita, Davao del Sur	300	<ul style="list-style-type: none"> -Financial Arrangement Secured from various banks on 12 May 2014; -On-going construction; Project Status (over-all) as of 26 September 2014 -92.37%; -Groundbreaking held last 15 July 2013; -Land acquisition completed; -Environmental Impact Assessment completed; Topographic and Hydrographic completed;Soil Investigation completed; -GIS/SIS already submitted to NGCP for review; NGCP returned the report toSMC GPHC with comments; -Site development in terms of physical accomplishment as of 26 September 2014 is 92.37%; Construction Activities of Unit 1&2 2 x 150MW Power Plant - 9.95%; Design and Construction of Pier and Jetty Structure is 73.41%; Engineering Design & Manufacturing of Parts - 83.02%;Right-of-Way Acquisition Status-20.01%;; Ash Dump Design and Construction - 100% -Facility Study Status- Final report submitted last 27 Dec. 2013; Results are being used by NGCP for pre-construction works while SMC GPHC for right-of-way. - SEC issued last 26 August 2011; EPC Contract executed on January 2013; ECC issued in June 2013; -Construction of the Project has been underway since August 2013: -On-going electric power supply contract negotiation with prospective off-takers; -Clearance to Underatake GIS from DOE issued on 29 August 2011; -On-going civil works construction/installation; -Target Completion Date of Transmission Connection on March 2016; -Project cost is \$630M / Php25.8B 	Unit 1 - December 2015 Unit 2 -May 2016	Unit 1 - February 2016 Unit 2 -July 2016 (Target Testing & Commissioning)
Committed	GNPower Kauswagan Ltd. 540MW Clean Coal-Fired Power Plant	GN Power Kauswagan Ltd. Co.	Kauswagan, Lanao del Norte	540	<ul style="list-style-type: none"> - Financial Arrangement Secured on 28 May 2014; - ECC issued on 14 March 2014; A multipartite monitoring team is being established pursuant to the ECC; - Clearance to Underatake GIS from DOE issued on 28 June 2013;; NGCP has completed the System Impact Study for 4x150MW (gross caoacity); Facility study to be performed next; - GNPK and the land owners of the Project site are in the final stages of satisfying their respective obligations under the land purchase agreements; - EPC contract was signed on 15 May 2014; - Provisional Authority dated 28 April 2014 was issued for the approval of the Power Purchase and Sale Agreement among GN Power, AMRECO PSAG Corp. and 20 participating ECs; 330MW sold to ECs arranged by AMRECO PSAG;GNPK is currently negotiating with other ECs as well as non-DU customers for sale of additional capacity; - Granted LGU Endorsement; - Permits and Other Regulatory Requirements: All permits obtained under the name of of GNPower Ltd. Co (Permits assigned from GNPower Ltd.Co. to GNPower Kauswagan Ltd.Co., DENR Environmental Compliance Certificate, CAAP Height Clearance,DOE Clearance to undertake SIS for 3x125MW, DOE Certificate of Endorsement for NCIP Application for Certificate of Non-Overlap, Mindanao Development Auhority Endorsement, LGU Endorements); Other permits obtained for the project: Clearance to Develop Port Facility;Permit to Drill) were transferred and assigned to the Project Company, GN Power Kauswagan Ltd. Co. by virtue of a Project Assignment/Agreement; -Financing Arrangements: Commitments from several lenders have been obtained; -Construction Contracts for Plant and Equipment: Significant pre-Notice to proceed activities are being done by the EPC contractor at the site in China; Commencement of Construction: NTP expected tp be issued to the EPC contractor by November 2014; - Total Project Cost - US\$740 Million 	February 2017	December 2017

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	OIL			41.10			
Committed	15 MW Diesel Power Plant	Mapalad Energy Generating Corporation	Mapalad, Dalipuga, Iligan City	15	<ul style="list-style-type: none"> -Financial Arrangement Secured from various banks; -On-going process in securing the regulatory requirements, permits, GIS, etc. ; -SEC issued last 24 February 2011, ECC issued last 8 November 2011; -Off-taker: PSA with Iligan Light & Power, Inc. (ILPI) for a 15-year supply contract dated 9 May 2011; -Remaining permit and regulatory requirements to be secured are expected to be completed at the end of May 2014; -Already conducted reliability test on the engines and equipment. Awaiting approval for NGCP connection to the grid and synchronization for testing and commissioning; -Project Status as of 30 September 2014: 99% completed; -Project cost Php379M; 	<p>1st Unit - End of May 2014</p> <p>2nd Unit- End of June 2014</p>	September 2014
Committed	3x6.97 MW Bunker-Fired Power Plant	Peak Power Socscargen, Inc. (PSI)	National Highway, Brgy.Apopong, General Santos City	20.9	<ul style="list-style-type: none"> -Financial Arrangement Secured:The Project was financed by 30% equity and 70% debt via peso-denominated loan from a bank granted on 4 February 2014; -Leased Agreement with Offtaker (SOCOTECO II) signed on December 2013; -The technical review for the proposals is ongoing; -Environmental Impact Study was conducted on the area which was submitted to the DENR- EMB for the application of ECC. -The technical review for the proposals is ongoing; -Environmental Impact Study was conducted on the area which was submitted to the DENR- EMB for the application of ECC (ECC -R12-1306-0078) granted on 26 June 2013; amended ECC: R12-1310-0034 granted on 26 November 2013; Endorsement from LGU: Sangguniang Barangay Resolution No. 2010-37 dated 16 August 2010 (Brgy. Apopong); Sangguniang Panlungsod Resolution No. 2013-21-dated 5 July 2013 (Brgy. San Isidro); Barangay Resolution No. 63 Series of 2014 dated 8 January 2014 (General Santos City); -GIS ongoing (started November 2013); -Bureau of Customs, Certi. of Accreditation: CAR No.102841031-13; Bureau of Customs, Cert. of Registration: CNN: IM0006357296; PSI will build the plants and connect directly to the substation of the Offtaker and the potential output of the plant will fed drectly to SOCOTECO 2 franchise area; -Clearance to Undertake GIS from DOE issued on 11 September 2013; -Commencement of Construction: December 2013; -Testing and Commissioning activities started on 26 September 2014; -Project Status as of 26 September 2014: 99% completed; -Project cost is Php1,907.55M 	September 2014	October 2014
Committed	1x5.2 MW Bunker-Fired Power Plant	Peak Power San Francisco (PSFI)	ASELCO Compound, Brgy. San Isidro, San Francisco, Agusan del Sur	5.2	<ul style="list-style-type: none"> -Financial Arrangement Secured:The Project was financed by 30% equity and 70% debt via peso-denominated loan from a bank granted on 4 February 2014; -Clearance to Undertake GIS issued on 24 September 2013;Geotechnical Foundations and Geohazard Risk Investigation by Construction & Drilling Specialists, Inc. on October 2013; Geohazards Assessment by Construction & Drilling Specialists, Inc. on November 2013; -Leased Agreement with Offtaker (ASELCO) signed on 3 January 2014; -The technical review for the proposals is ongoing; -Environmental Impact Study was conducted on the area which was submitted to the DENR- EMB for the application of ECC (ECC -R13-1401-009) granted on 19 February 2014; -Endorsement from LGU: Sangguniang Barangay Resolution No. 2013-18 dated 15 July 2013 (Brgy. Karaos); Sangguninang Barangay Resolution No. 2013-21-dated 5 July 2013 (Brgy. San Isidro); Sangguniang Barangay Resolution No. 2014-01 dated 6 January 2014 (Brgy. San Isidro); 18th Sangguniang Bayan Resolution No.2014-24 dated 29 January 2014 (Municipality of San Francisco); Bureau of Customs, Certi. of Accreditation: CAR No.106851112-13; Bureau of Customs, Cert. of Registration: CNN: IM0006371299; -PSFI will build the plants and connect directly to the substation of the Offtaker and the potential output of the plant will fed drectly to ASELCO franchise area; -Engineering, Installation, Construction and Completion Contract with Power Manufacturing and Machine Works, Inc. dated 29 November 2013; -Clearance to Undertake GIS from DOE issued on 24 January 2014; -Commencement of Construction: January 2014; Project Status as of 15 September 2014:57.41% completed;Experienced delay in work schedule due to bad weather; -Project cost is Php509.15M 	September 2014	October 2014

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	HYDROPOWER			64.00			
Committed	Puyo Hydroelectric Power Project	First Gen Mindanao Hydropower Corp.	Jabonga, Agusan del Norte	30	<ul style="list-style-type: none"> -Financial Arrangement Secured; -Ground breaking held on 17 April 2013; -Issued Confirmation of Commerciality on 12 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; -EPC for main facilities for tender; -Pre-Construction stage (100% completed as of 31 August 2014);Interconnection - 0% as of 31 August 2014; -Construction stage (10% completed as of 31 August 2014) -Groundbreaking held on 17 April 2013; 	July 2017	July 2017 (Target Testing and Commissioning)
Committed	Limbatangon Hydroelectric Power Project	Turbines Resource & Development Corp.	Cagayan de Oro City, Misamis Oriental	9	<ul style="list-style-type: none"> -Financial Arrangement Secured; -On-going construction; - Issued Confirmation of Commerciality on 12 July 2013; - Already secured LGU Endorsements, DENR ECC, and NCIP Certificate; -Also submitted Feasibility Study, Detailed Engineering Design, and 5-Yr Work Plan; -Construction stage (10% completed as of 30 September 2014); -Construction of Access Road completed. 	January 2017	January 2017 (Target Testing and Commissioning)
Committed	Lake Mainit	Agusan Power Corporation	Jabonga, Agusan del Norte	25.0	<ul style="list-style-type: none"> -Financial Arrangement Secured; -Clearance to Undertake GIS from DOE issued on 7 October 2012; -On-going construction; - Submission of lacking requirements e.g. permits in progress. 	March 2016	March 2016 (Target Testing and Commissioning)
Committed	Asiga	Asiga Green Energy Corp.	Santiago, Agusan del Norte	5	<ul style="list-style-type: none"> -Financial Arrangement Secured; -Issued Confirmation of Commerciality on 09 April 2014; - Submission of lacking requirements e.g. permits in progress; 	TBD	TBD

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Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	BIOMASS			20.60			
Committed	10 MW Malaybalay Bio-Energy Corporation Multi Feedstock Power Generating Facility	Malaybalay Bioenergy Corporation	FIBECO, Anahawan, Maramag, Bukidnon	9.00	-Financial Arrangement Secured: -On-going construction; -On-going Processing of Requirements;Permits obtained LGU Endorsement, Land Use Permit, etc.) -Has EPC.	2016	2016 (Target Testing and Commissioning)
Committed	15 MW LPC Biomass Power Plant Project	Lamsan Power Corporation	Sultan Kudarat, Maguindanao	10.00	-Financial Arrangement Secured: -On-going construction; -Secured Clearance from DOE for the conduct of GIS on 28 February 2014;	December 2015	December 2015 (Target Testing & Commissioning)
Committed	3 MW Biomass Cogeneration Facility	Philippine Trade Center, Inc.	Sultan Kudarat, Maguindanao	1.60	-Financial Arrangement Secured: -Operating for Own-Use; -Secured Clearance from DOE for the conduct of GIS on 13 March 2014;	TBD	TBD

Total Committed Rated Capacity 1,870.70