

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)  
INDICATIVE  
As of 30 September 2017

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target
	COAL			6660			
Indicative	SRPGC 2x350MW Coal-Fired Power Plant Project	St. Raphael Power Generation Corporation	Brgy. San Rafael, Calaca, Batangas	700	<p><b>FEASIBILITY STUDY:</b> Completed;</p> <p><b>'ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b> Finalization of terms of sub-lease on-going</p> <p><b>MARKETING OF GENERATING CAPACITIES:</b> •ERC commenced hearing the PSA application starting November 29, 2016. Proceedings on-going;</p> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> • SEC Registration - September 2013; • DENR ECC - September 2015; (awaiting approval of the ECC amendment); • NGCP Grid Impact Study - February 13, 2017; • Sangguniang Barangay Endorsement - February 24, 2017; • BOI Registration - For Registration;</p> <p><b>GROUND BREAKING SCHEDULES:</b> • Target Notice to Proceed 1H 2018</p> <p><b>FINANCING ARRANGEMENTS:</b> • Target financial close 1H 2018</p> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b> • EPC Contract Target Signing 2H 2017;</p> <p><b>COMMENCEMENT OF CONSTRUCTION:</b> • 2H 2018;</p> <p><b>ISSUES ENCOUNTERED RE: PROJECT DEVELOPMENT</b> 1. SRPGC 2x350MW Commercial operations anchored on the completion of NGCP Calaca-Dasmariñas Transmission Line Expansion Project; 2. Connection to the grid is dependent on the completion of the New Calaca Substation; 3. Final project economics dependent on ERC's decision on the PSA which impacts financing</p>	July 2019	
Indicative	Merbau Coal Fired Thermal Power Plant	Merbau Corporation	Brgy. Pinamukan Ibaba, Batangas City	600	<p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b> • Property is currently under Land Lease Agreement (LLA) between Sem-Calaca Power Corporation (SCPC) with PSALM</p> <p><b>MARKETING OF GENERATING CAPACITIES:</b> • On-going negotiations with prospective off-takes (DUs and those currently with PSAs and contestable market under Open Access Regime</p> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b> • Conduct of EIA Study and Preparation of EIS - November 2013 to February 2014 • Draft EIS Submission and Preliminary Review - Middle of 2014 • Public Hearing - 1 month after submission of EIS • EMB Review - 55 days; • ECC (from DENR-EMB): - RevCom requested redo of Air Dispersion Modeling using Prognostic Meteorological Data, target ETC April. - Awaiting schedule for public hearing, target May 2017. • Secured Clearance from DOE for the conduct of GIS on 21 February 2014; • Secured Endorsement from DOE for Certificate of CNO from NCIP on 14 July 2014 • SIS and FS (from NGCP) - Transmission Line Route Survey completed. - Preliminary design of transmission line still ongoing, ETC April 2017. • Conceptual and preliminary design report to be submitted for NGCP comments by 1st week May 2017.</p>	Unit 1 - June 2018 Unit 2 - Dec 2018 Unit 3 - June 2019	

					<p>- Survey report and preliminary design report to be submitted for NGCP comments by 1st week May 2017.</p> <p>- Final Report with NGCP comments is expected to be received May 2017.</p> <p>'SEC</p> <p>- GIS being prepared, target filing by April 2017.</p> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>On-going negotiations for the financing arrangements and other permits</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Pre-Construction Phase (8 months)</li> <li>Construction of EIA study and permitting <ul style="list-style-type: none"> <li>Design and Engineering</li> </ul> </li> <li>Commissioning of EPC Contractor (Phase 1 and Phase2)</li> <li>Construction Phase (12 months) Civil Works and plant equipment installation <ul style="list-style-type: none"> <li>Operation Phase (design life)</li> <li>Start-up and unit synchronization</li> </ul> </li> <li>Conduct of public Scoping with Stakeholder representatives 10 October 2013</li> <li>Conduct of Technical Scoping with EMB and EIA Rev Com - 6 November 2013 <ul style="list-style-type: none"> <li>On-going securing of regulatory requirements</li> </ul> </li> </ul> <p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed February 2011</li> </ul>	Unit 3 - June 2019 Unit 4 - Dec 2019	
Indicative	Masinloc Expansion Project	AES Masinloc Power Partners Co., Inc.	Zambales	300	<p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>No additional land will be acquired as the expansion will be inside the existing Masinloc Power Plant Complex.</li> <li>NPC/PSALM, however, is still continuing the titling process and land registration for some parcels of land</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Grid Impact Studies obtained on 7 January 2011</li> <li>ECC Amendment was released by DENR on April 23, 2012</li> <li>The amended DOE Certificate of Endorsement for BOI was released on May 7, 2012 <ul style="list-style-type: none"> <li>Secured CoE for ERC on September 2011</li> </ul> </li> <li>On-going processing of Certificate of Precondition from NCIP <ul style="list-style-type: none"> <li>SAPA amendment is still pending with DENR</li> </ul> </li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Undergoing consultation with international / local banks; <ul style="list-style-type: none"> <li>Project cost is Php49.45B</li> </ul> </li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Selection of EPC Contractor on going</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>2nd Qtr 2014</li> </ul>	Unit 4 - June 2020	
Indicative	H & WB PCB Supercritical Coal-Fired Power Plant	H & WB ASIA PACIFIC (PTE LTD) CORPORATION	Jose Panganiban, Camarines Norte	700	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Pre-feasibility studies have conducted to determine the viability of the project- Completed in 2014</li> <li>Feasibility study is expected to be completed by the end of 2nd Quarter 2016</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>Land already secured and it has been re-classified as industrial; being resurveyed for titling (6/12/2015)</li> </ul> <p><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>On-going negotiations with MERALCO and Electric Cooperatives will be held on 3rd week of March <ul style="list-style-type: none"> <li>H&amp;WB prepares PSA March 25, 2015</li> <li>H&amp;WB is reviewing the term sheet provided by MERALCO</li> </ul> </li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued clearance to undertake GIS on February 12, 2015</li> <li>On-going securing of permits and other regulatory requirements <ul style="list-style-type: none"> <li>LGU endorsement secured 10 June 2014</li> </ul> </li> <li>NGCP issued "Offer of Service" for SIS on 31 March 2015- completed on 23 September 2015 <ul style="list-style-type: none"> <li>Currently undergoing NGCP's review process</li> <li>On-going processing of ECC requirements</li> </ul> </li> <li>Environmental Impact Assessment will be submitted in the 1st Quarter of 2016</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>On-going discussions with major banks and capital companies for debt-financing</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Ongoing discussion with four potential co-developers and equity partners <ul style="list-style-type: none"> <li>Ongoing sourcing of potential EPC Contractors</li> </ul> </li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>Construction to commence on the 4th Quarter 2017</li> </ul>	Unit 1 - 4th Quarter 2021 Unit 2 - 4th Quarter 2025	

Indicative	SMC Circulating Fluidized Bed Coal-Fired Power Plant	SMC Global Power	Brgy. Ibabang Polo, Pagbilao, Quezon	600	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>• Issued with GIS on 8 June 2016 (DOE-EPIMB-SIS No. 2016-05-006)</li> </ul>	TBD
Indicative	SMC Circulating Fluidized Bed Coal-Fired Power Plant	SMC Global Power Holdings Corp.	Sariaya, Quezon	600	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>• Issued with GIS on 14 October 2016 (DOE-EPIMB-SIS No. 2016-08-006)</li> </ul>	TBD
Indicative	Quezon Coal Fired Thermal Plant Project	Orion Pacific Prime Energy, Inc.	Tagkawayan, Quezon	1,200	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>• Completed detailed feasibility</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>• Ongoing</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>• Issued with COE on 19 January 2017(COE No. 2016-12-006)</li> <li>• Issued with SIS on 26 April 2017(COE No. 2017-02-007)</li> </ul> <p><b>GROUND BREAKING:</b></p> <ul style="list-style-type: none"> <li>• 2021</li> </ul>	TBD
Indicative	Zestpower Coal Thermal Plant	Zestpower Corporation	Mariveles, Bataan	660	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>• Issued with COE on 19 January 2017(COE No. 2017-02-001)</li> </ul>	TBD
Indicative	Lucidum Coal Power Plant	Lucidum Energy, Inc.	Silangin Bay, Zamboanga	200	<p><b>FEASIBILITY STUDY: Completed</b></p> <ul style="list-style-type: none"> <li>• Pacifictech Solutions has completed Feasibility Study as of November 2014</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>• Lucidum have decided to purchase the land rather than to lease</li> <li>• Additional land area has been decided upon to be leased as right of way for the conveyor belt from the port</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>• Initial talks between Lucidum and respective DUs, large scale power consumers and cooperatives have been initiated <ul style="list-style-type: none"> <li>• Several structures are being considered to comply with the PPA or commercial guarantees</li> </ul> </li> <li>• Complete corporate documentation for SEC and DOE Endorsement for SEC has been complied <ul style="list-style-type: none"> <li>• On-going processing of other regulatory requirements <ul style="list-style-type: none"> <li>• LGU permits, among others</li> </ul> </li> </ul> </li> <li>• Approval for the grid impact study has been obtained from the DOE to be submitted to NGCP <ul style="list-style-type: none"> <li>• On-going processing of ECC requirements</li> </ul> </li> </ul>	TBD

Indicative	Lucidum Coal Power Plant	Lucidum Energy, Inc.	Shangum Bay, Zambores	500	<p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Financing arrangements are currently negotiating with two lenders and they're waiting for the completion of the feasibility study for their validation <ul style="list-style-type: none"> <li>Initial talks have been geared towards a 60-40 debt-equity ratio</li> </ul> </li> <li>Current talks with a serious private equity, with the intentions of a turn-key relationship with the assistance of Lucidum group</li> <li>Additional due diligence requirements are being complied for by Lucidum to for the above mentioned new additional parties <ul style="list-style-type: none"> <li>Cost is US\$ 600,000,000.00</li> </ul> </li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Construction Contracts for Plants and Equipment are on hold pending the completion of detailed Engineering Studies</li> </ul> <p>Decided upon the board as per advices by Stanley Consultants, that the incoming EPC contractor shall bear the expenses to allocate land of double size to reassemble the incoming coal turbine</p> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>Commencement of Construction will be based upon completion of the Feasibility Study and the Assessments of the financing companies involved</li> </ul>	TBD
Indicative	2x500 MW KEPCO Pangasinan Coal-Fired Power Plant	KEPCO Philippines Corporation	Sual, Pangasinan	1000	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS 1 August 2017 (DOE-EPIMB-SIS No. 2017-07-004)</li> </ul>	TBD
	<b>OIL</b>			<b>450</b>		
Indicative	Aero Derivative Combined Cycle Power Plant	Calamba Aero Power Corporation	Calamba, Laguna	150	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>On-going securing of permits and other regulatory requirements; <ul style="list-style-type: none"> <li>Granted clearance by DOE for the conduct of GIS</li> </ul> </li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Project cost is Php5.67B</li> </ul>	TBD
Indicative	AC Energy Modular Genset (Diesel) Power Plant	AC Energy DevCo, Inc.	Piliilia, Rizal	300	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS 1 August 2017 (DOE-EPIMB-SIS No. 2017-07-010)</li> </ul>	TBD
	<b>NATURAL GAS</b>			<b>2816</b>		
Indicative	500 MW VIRES LNG-FIRED POWER BARGE PROJECT	VIRES Energy Corporation	Batangas Bay area, Batangas	500	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS 11/24/2016 (DOE-EPIMB-sIS No. 2016-11-004)</li> </ul>	March 2018

Indicative	1x450 Sta. Maria Power Plant (Phase II)	First Gen Ecopower Solutions Inc.	Santa Rita, Batangas	450	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>On-going Feasibility Study</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>Parcels of land to be used by the Project shall be purchased from FGHC and FGP Corp.</li> </ul> <p><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>Discussion on targeted off takers on-going</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Power Plant options update completed as of 17 June 2015 <ul style="list-style-type: none"> <li>City and Barangay endorsements acquired in 2013</li> </ul> </li> <li>Secured Clearance from DOE for the conduct of GIS on 18 February 2013</li> <li>Environmental compliance Certificate application is on-going (targeted to be acquired by July 2015) <ul style="list-style-type: none"> <li>Importation permit application is on-going</li> </ul> </li> <li>Accreditation from the BOI (targeted on December 2015) <ul style="list-style-type: none"> <li>Importation permit is on-going</li> <li>BOI Accreditation target is December 2015</li> </ul> </li> <li>DENR ECC on going; Certificate is expected in September 2015 <ul style="list-style-type: none"> <li>Issuance of ECC from DENR expected by October 2015 <ul style="list-style-type: none"> <li>BOI targeted January 2016</li> </ul> </li> </ul> </li> <li>On-going coordination with affected barangays</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Discussion with International Financing outfits and local banks on-going</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>EPC and Operation Maintenance contracts targeted to be awarded on December 2015</li> </ul>	December 2019
Indicative	Batangas CCGT Plant Unit 1	Therma Batangas Gas, Inc.	Brgy. Libjo, Batangas City	300	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS 5 July 2016 (DOE-EPIMB-GIS No. 2015-06-012)</li> </ul>	TBD
Indicative	Batangas CCGT Plant Unit 2	Therma Batangas Gas, Inc.	Brgy. Libjo, Batangas City	400	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS 5 July 2016 (DOE-EPIMB-GIS No. 2015-06-012)</li> </ul>	TBD
Indicative	Batangas CCGT Plant Unit 3	Therma Batangas Gas, Inc.	Brgy. Libjo, Batangas City	400	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS 5 July 2016 (DOE-EPIMB-GIS No. 2015-06-012)</li> </ul>	TBD
Indicative	Sta. Ana CCGT Power Plant	Phinma Energy Corporation	Port Irene, Sta. Ana, Cagayan	383	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS 1 August 2017 (DOE-EPIMB-GIS No. 2017-07-009)</li> </ul>	TBD
Indicative	Sual CCGT Floating Power Plant	Phinma Energy Corporation	Brgy. Baquioen, Sual, Pangasinan	383	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS 24 July 2017 (DOE-EPIMB-GIS No. 2017-06-006)</li> </ul>	TBD
GEOHERMAL				50		

Indicative	Bacman 4 Botong - Rangas Geothermal Project	Energy Development Corporation	Bacon District, Sorsogon, Sorsogon City	20	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>On-going Feasibility Study</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>DOE Service Contract within GRESC # 2009-10-003</li> <li>LGU endorsement, Land Use Permits, and DENR-ECC obtained</li> <li>Permits for the TCP and Water Rights are on-going</li> <li>Turnkey Contract pending result of feasibility study</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Project cost is subject to the result of the feasibility study</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>Target commencement of construction on 1st half of 2015</li> </ul>	December 2022	(
Indicative	Kayabon Geothermal Project	Energy Development Corporation	Manito, Albay	30	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>On-going Feasibility Study</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>On-going Feasibility Study and resource assessment;</li> <li>DOE Service Contract within GRESC # 2009-10-003 <ul style="list-style-type: none"> <li>LGU endorsement</li> <li>DENR-ECC, and Water Rights obtained</li> </ul> </li> <li>On-going application for land-use permits and negotiations with lot owners <ul style="list-style-type: none"> <li>On-going application for SLUP and TCP permits</li> </ul> </li> <li>Clearance to Undertake GIS from DOE issued on 7 October 2011</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Project cost is subject to the result of the feasibility study</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>Target commencement of construction on 2nd half of 2017</li> </ul>	December 2025	(
<b>HYDROPOWER</b>				<b>2708.25</b>			
Indicative	Kabayan 1	Hedcor Benguet, Inc.	Kabayan, Benguet	20	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>On-going conduct of Feasibility Study</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Securing of permitting requirements</li> <li>Newly signed HSC Dec 28, 2015; COR Dec 23, 2015 <ul style="list-style-type: none"> <li>With Renewable Energy Service Contract</li> </ul> </li> <li>Still on process in securing other regulatory requirements</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>To secure contract of lease with the landowners</li> </ul> <p><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>FIT or PSA</li> </ul> <p><b>GROUND BREAKING SCHEDULES:</b></p> <ul style="list-style-type: none"> <li>4th Quarter of 2016</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Parent company will undertake to provide financial support</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>To be undertaken after acquisition of permits</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>4th Quarter of 2016</li> </ul>	March 2019	(

Indicative	Kabayan 3	Hedcor Benguet, Inc.	Kabayan, Benguet	27	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>On going</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>To secure contract of lease with the landowners</li> </ul> <p><b>'MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>FIT or PSA</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>With Renewable Energy Service Contract</li> <li>With on going application for HSC amendment: Increase in capacity from 14.3 MW to 27 MW</li> <li>Still on process in securing other regulatory requirements</li> </ul> <p><b>GROUNDBREAKING SCHEDULES:</b></p> <ul style="list-style-type: none"> <li>4th Quarter of 2016</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Parent company will undertake to provide financial support</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>To be undertaken after acquisition of permits</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>4th Quarter of 2016</li> </ul>	March 2019	(
Indicative	Bineng 1-2b Combination HEPP	Hedcor, Inc.	La Trinidad, Benguet	19	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>On going</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>To secure contract of lease with the landowners</li> </ul> <p><b>'MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>FIT or PSA</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>With Renewable Energy Service Contract</li> <li>With on going application for HSC amendment: Increase in capacity from 16.5 MW to 19 MW</li> <li>Still on process in securing other regulatory requirements</li> </ul> <p><b>GROUNDBREAKING SCHEDULES:</b></p> <ul style="list-style-type: none"> <li>4th Quarter of 2016</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Parent company will undertake to provide financial support</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>To be undertaken after acquisition of permits</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>4th Quarter of 2016</li> </ul>	March 2019	(
Indicative	Tignoan HEP	Aurora All Asia Energy Corp.	Real, Quezon	20	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Currently on-going Preparation of Business Plan</li> <li>On-going negotiations of Business Financing Arrangement</li> <li>Clearance to Undertake GIS from DOE issued on December 2014</li> </ul>	July 2019	(
Indicative	Biyao	AV Garcia Power Systems Corp.	Balbalan, Kalinga	0.8	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued Confirmation of Commerciality on 01 August 2014</li> <li>Submission of lacking requirements e.g. permits in progress</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014</li> <li>Ongoing construction</li> </ul>	August 2019	(

Indicative	Ranggas	Clean and Green Energy Solutions, Inc.	Goa & Tigaon, Camarines Sur	1.5	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Submission of lacking requirements e.g. permits in progress</li> </ul>	January 2020	(
Indicative	Ibulao I Hydroelectric Power Project	Kiangan Mini-Hydro Corporation	Kiangan, Ifugao	6	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 28 December 2015 (DOE-EPIMB-SIS No. 2015-12-003)</li> </ul>	September 2020	(
Indicative	Bansud	PTC Energy, Inc.	Mauban, Quezon	1	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued Confirmation of commerciality on 2 October 2015;</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Pending submission of requirements for under development stage</li> </ul>	October 2020	(
Indicative	Maris Main Canal2 HEP	SN Aboitiz Power Generation	Alfonso Lista, Ifugao	1.75	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Feasibility design completed</li> <li>Technical studies completed</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>NIA agreement for pre-development activities secured; <ul style="list-style-type: none"> <li>LGU endorsement completed</li> </ul> </li> <li>NCIP field based Investigation completed; awaiting release of CNO</li> <li>DENR permitting completed; draft ECC for power plant issued</li> <li>CNC for transmission line issued; NGCP studies completed <ul style="list-style-type: none"> <li>Environmental and Social Studies completed</li> <li>Water right and right of way acquisition on-going</li> </ul> </li> </ul>	December 2020	(
Indicative	100 MW Alimit	SN Aboitiz Power-Ifugao	Lagawe, Ifugao	100	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed Pre-FS</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>project capacity of 120 MW</li> <li>Preparing Business Plan</li> <li>Financing Arrangement in progress</li> </ul> <ul style="list-style-type: none"> <li>Application for NCIP FPIC CCA1 Concluded, CCA 2 commencement on 5/15/15</li> <li>DENR permit under process; NGCP studies under process</li> </ul>	January 2021	(
Indicative	240 MW Alimit	SN Aboitiz Power-Ifugao	Lagawe, Ifugao	240	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed Pre-FS</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>project capacity of 120 MW</li> <li>Preparing Business Plan</li> <li>Financing Arrangement in progress</li> </ul> <ul style="list-style-type: none"> <li>Application for NCIP FPIC CCA1 Concluded, CCA 2 commencement on 5/15/15</li> <li>DENR permit under process; NGCP studies under process</li> </ul>	January 2021	(
Indicative	Ollilicon HEPP	SN Aboitiz Power-Ifugao	Lagawe, Ifugao	10	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed Pre-FS</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>project capacity of 120 MW</li> <li>Preparing Business Plan</li> <li>Financing Arrangement in progress</li> </ul> <ul style="list-style-type: none"> <li>Application for NCIP FPIC CCA1 Concluded, CCA 2 commencement on 5/15/15</li> <li>DENR permit under process; NGCP studies under process</li> </ul>	January 2021	(
Indicative	Cervantes-Mankayan-Bakun HEPP	Hedcor, Inc.	Benguet	27	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 8 January 2014 (DOE-EPIMB-SIS No. 2013-12-001)</li> </ul>	March 2021	(



Indicative	Addalam	Quirino Resources Development Corporation	Cabarroguis, Quirino	14.20	Issued Confirmation of Commercialization on 26 January 2017. Ongoing pre-construction activities	December 2022	(
Indicative	Chico Hydroelectric Power Project	San Lorenzo Ruiz Piat & Water	Tabuk, Kalinga	150	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 6 October 2016 (DOE-EPIMB-SIS No. 2016-09-005)</li> </ul>	December 2023	(
Indicative	Kibungan Pumped-Storage HEPP	COHECO Badeo Corporation	Kibungan, Benguet	500	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 9 January 2017 (DOE-EPIMB-SIS No. 2017-01-003)</li> </ul>	TBD	
Indicative	Ilaguen 4 Hydropower Project	Isabela Power Corporation	Echague, Isabela	10	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 28 February 2017 (DOE-EPIMB-SIS No. 2017-02-008)</li> </ul>	TBD	
Indicative	Wawa Pumped Storage 1 HEP	Olympia Violago Water and Power, Inc.	San Mateo, Antipolo, and Rodriguez, Rizal	500	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed by SMEC - Oct 2015</li> <li>Comprehensive studies with &gt;4km of vertical drilling confirm that 500MW is feasible. Reference design completed in 2016</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>Initial surveys complete, parcellary for 230kV connection ongoing. Resettlement Action Plan/Livelihood Restoration Plan (RAP-LRP) underway since Dec 2016. RAP-LRP process includes stakeholder engagement meetings and a household census &amp; survey of project affected people (PAPs)</li> </ul> <p><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>Market study by Lantau Group ongoing. Discussions with potential off-taker ongoing.</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>BOI registration, ECC, PAMB Clearance (final copy awaited) and NWRB Conditional Water Permit complete. Awaiting issuance of NCIP Certification Precondition and SAPA MOA. Application for Special Land Use Permit (SLUP) in progress.</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Equity and debt financing negotiations ongoing</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>EPC tender process ongoing</li> </ul>	TBD	
Indicative	Wawa Pumped Storage 2 HEP	Olympia Violago Water and Power, Inc.	San Mateo, Antipolo, and Rodriguez, Rizal	100	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 24 April 2017 (DOE-EPIMB-SIS No. 2017-04-002)</li> </ul>	TBD	
Indicative	Wawa Pumped Storage 3 HEP	Olympia Violago Water and Power, Inc.	San Mateo, Antipolo, and Rodriguez, Rizal	50	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 24 April 2017 (DOE-EPIMB-SIS No. 2017-04-002)</li> </ul>	TBD	
Indicative	Nabuangan Run-of-River HEP	Strategic Power Development Corp	Apayao	10	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 25 May 2017 (DOE-EPIMB-SIS No. 2017-01-004)</li> </ul>	TBD	
Indicative	Dingalan Pumped Storage HEP	Strategic Power Development Corp	Dingalan, Aurora	500	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 25 May 2017 (DOE-EPIMB-SIS No. 2017-01-004)</li> </ul>	TBD	
Indicative	San Roque Lower East Pumped Storage	Strategic Power Development Corp	Pangasinan	400	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 25 May 2017 (DOE-EPIMB-SIS No. 2017-01-004)</li> </ul>	TBD	

SOLAR				1729.82		
Indicative	Botolan Solar Power Project	Solar Power Utilities Generator Corporation	Brgy. San Juan, Botolan, Zambales	39.27	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Awarded with RE Service Contract (SESC No. 2015-05-227) on 21 May 2015</li> <li>Certificate of Commerciality No. SCC- 2016-02-043 dated 07 March 2016 <ul style="list-style-type: none"> <li>For issuance of show-cause letter</li> </ul> </li> </ul>	December 2017
Indicative	Macabud Solar Photovoltaic Power Project	ATN Philippines Solar Energy Group, Inc.	Brgy. Macabud, Rodriguez, Rizal	30	<p><b>FEASIBILITY STUDY:</b> Completed</p> <p><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>On-going negotiations PPA with MERALCO in the absence of REPA</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Awarded with Solar Energy Service Contract (SESC No. 2011-05-002) on 12 May 2011; <ul style="list-style-type: none"> <li>Secured NGCP Review of Third Party SIS, <ul style="list-style-type: none"> <li>ECC from DENR</li> <li>CNO from NCIP</li> </ul> </li> <li>Provincial Resolution of Support</li> </ul> </li> <li>Clearances from Land Registration Authority <ul style="list-style-type: none"> <li>DAR Certification</li> </ul> </li> <li>Acquired the DOE Certificate of Confirmation of Commerciality on 27 Jun 2013; <ul style="list-style-type: none"> <li>Clearance to Undertake GIS from DOE issued on 17 October 2011</li> </ul> </li> <li>On-going negotiations or connection agreement, project financing and Right of Way <ul style="list-style-type: none"> <li>For issuance of show-cause letter</li> </ul> </li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Proofs of negotiations/certifications with financial institutions for project financing <ul style="list-style-type: none"> <li>Negotiations for financial closing is on-going</li> <li>Total project cost is US\$70.0 Million</li> </ul> </li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Construction Stage as of 30 September 2014 (Pre-Construction -80% completed, Construction-0% completed, Interconnection - 0% completed)</li> </ul>	December 2017
Indicative	Concepcion Solar Power Project	Enfinity Philippines Renewable Resources, Inc	Brgy. Sta. Rosa, Concepcion Tarlac	50.55	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Awarded with Solar Energy Service Contract (SESC No.2015-02-101) on 28 January 2015</li> <li>Acquired the DOE Certificate of Confirmation of Commerciality on 11 June 2015 <ul style="list-style-type: none"> <li>With pending issues on DAR Conversion of Lnad-Use from Agricultural</li> </ul> </li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>negotiations for financial closing</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>On-going construction (see FIT Monitoring Board)</li> </ul>	December 2017
Indicative	Cavite Solar Power Project	Enfinity Philippines Renewable Resources, Inc	Cavite Economic Zone, Rosario Cavite	3	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Awarded with Solar Energy Service Contract (SESC No. 2011-12-006) on 16 December 2011</li> <li>Acquired the DOE Certificate of Confirmation of Commerciality on 23 March 2015 <ul style="list-style-type: none"> <li>For issuance of show-cause letter</li> </ul> </li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>negotiations for financial closing</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>On-going construction (see FIT Monitoring Board)</li> </ul>	December 2017
Indicative	Cordon Solar PV Power Project	Greenergy Solutions, Inc.	Cordon, Isabela	50	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 4 April 2016 (DOE-EPIMB-SIS No. 2016-04-004)</li> </ul>	February 2019
Indicative	Earthenergy Solar Power Plant	Earthenergy Corp.	Balayan, Batangas	30	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 20 September 2016 (DOE-EPIMB-SIS No. 2016-11-007)</li> </ul>	May 2019
Indicative	V-Mars Solar Power Project	V-Mars Solar Energy Corporation	San Jose/Lupao, Nueva Ecija	10	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 11 January 2016</li> <li>For issuance of show-cause letter</li> </ul>	December 2019
Indicative	SJC Solar Power Project	SJC Solar Power Corporation	San Jose City, Nueva Ecija	10	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 3 February 2016 (DOE-EPIMB-SIS No. 2016-02-003)</li> </ul>	December 2019
Indicative	RGEC Solar Power Project	Roxas Green Energy Corporation	Nasugbu and Tuy, Province of Batangas	30	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 10 February 2016 (DOE-EPIMB-SIS No. 2016-02-006)</li> </ul>	December 2019

Indicative	Calabanga Solar Power Project	Calabanga Renewable Energy Inc.	Calabanga, Camarines Sur	50	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 11 March 2016 (DOE-EPIMB-SIS No. 2016-03-001)</li> </ul>	December 2019	(
Indicative	FPI Solar PV Power Project	Firmgreen Phils. Inc.	Tarlac City, Tarlac	50	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-04-005)</li> </ul>	December 2019	(
Indicative	Nueva Ecija Solar Power Project	Firmgreen Phils. Inc.	Pantabangan, Nueva Ecija	100	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-04-005)</li> </ul>	December 2019	(
Indicative	Sta. Maria Solar PV Power Project	Greenenergy Solutions, Inc.	Sta. Maria, Isabela	125	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 5 May 2016 (DOE-EPIMB-SIS No. 2016-06-006)</li> </ul>	December 2019	(
Indicative	Solana Solar Photovoltaic (PV) Plant Phase I	Solana Solar Alpha, Inc.	Hermosa, Bataan	24	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 20 September 2016 (DOE-EPIMB-SIS No. 2016-09-001)</li> </ul>	December 2019	(
Indicative	Solana Solar Photovoltaic (PV) Plant Phase II	Solana Solar Alpha, Inc.	Hermosa, Bataan	14	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 20 September 2016 (DOE-EPIMB-SIS No. 2016-09-001)</li> </ul>	December 2019	(
Indicative	Sta. Maria Solar Power Project	East Coast Fas Renewable Energy and Industrial Corporation	Sta. Maria, Isabela	30	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-04-001)</li> </ul>	February 2020	(
Indicative	Santa Solar Power Project	Satrap Power Corporation	Brgy. Nagpanaoan, Santa, Ilocos Sur	20	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 5 May 2016 (DOE-EPIMB-SIS No. 2016-04-011)</li> </ul>	March 2020	(
Indicative	Talugtug Solar PV Power Project	Greenenergy Solutions, Inc.	Talugtug, Nueva Ecija	125	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-06-006)</li> </ul>	May 2020	(
Indicative	Greenenergy Capas Solar Power Project	Greenenergy Solutions, Inc.	Capas, Tarlac	50	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-06-006)</li> </ul>	May 2020	(
Indicative	Ilagan II Solar PV Power Project	Greenenergy Solutions, Inc.	Ilagan City, Isabela	100	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 21 April 2016 (DOE-EPIMB-SIS No. 2016-06-006)</li> </ul>	May 2020	(
Indicative	Cabanatuan Solar Power Plant	Greentech Solar Energy Inc.	Cabanatuan, Nueva Ecija	6.25	<p><b>Fesasibility Study:</b> Completed</p> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 9 February 2017 (DOE-EPIMB-SIS No. 2017-01-006)</li> <li>COCOC awarded on 16th June 2017</li> <li>-LGU Permits secured</li> <li>-Already secured required land</li> </ul> <p><b>Commencement of Construction:</b> November 2018</p>	April 2020	(
Indicative	Magsingal Solar Power Plant	Neoenergy Corporation	Magsingal, Ilocos Sur	100	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 20 January 2017 (DOE-EPIMB-SIS No. 2016-01-005)</li> </ul>	TBD	(
Indicative	Bongabon Solar Power Plant	Greentech Solar Energy Inc.	Bongabon, Nueva Ecija	18.75	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with GIS on 9 February 2017 (DOE-EPIMB-SIS No. 2017-01-006)</li> </ul>	TBD	(
Indicative	Calamba and Tanauan Solar Power Project	Solar Philippines Tanauan Corporation	Tanauan, Batangas	100	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with COE on 20 March 2017 (COE No. 2017-02-004)</li> </ul>	TBD	(
Indicative	Capas Solar PV Power Project	Sindicatum C-Solar Power Inc.	Capas, Tarlac	22	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 08 March 2017 (DOE-EPIMB-SIS No. 2017-03-003)</li> </ul>	TBD	(
Indicative	San Manuel 1 Solar Power Project	Pilipinas Newton Energy Corp.	San Manuel, Pangasinan	70	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 23 March 2017 (DOE-EPIMB-SIS No. 2017-03-007)</li> </ul>	TBD	(

Indicative	San Manuel 2 Solar Power Project	Pilipinas Einstein Energy Corp.	San Manuel, Pangasinan	70	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 23 March 2017 (DOE-EPIMB-SIS No. 2017-03-008)</li> </ul>	TBD
Indicative	Iba Palauig Solar Power Project	Solar Philippines, Inc.	Iba, Zambales	100	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 18 May 2017 (DOE-EPIMB-SIS No. 2017-05-005)</li> </ul>	TBD
Indicative	Horus Solar Power Plant Project	Horus Solar Energy Corporation	Morong, Bataan	45	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 20 June 2017 (DOE-EPIMB-SIS No. 2017-06-003)</li> </ul>	TBD
Indicative	Tanauan Batangas Solar I Power Project	Solar Philippines Tanauan Corporation	Tanauan, Batangas	100	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 20 June 2017 (DOE-EPIMB-SIS No. 2017-06-004)</li> </ul>	TBD
Indicative	Bugallon Solar Power Plant	Phinma Energy Corporation	Brgy. Salomague North, Bugallon, Pangasinan	45	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 26 July 2017 (DOE-EPIMB-SIS No. 2017-07-005)</li> </ul>	TBD
Indicative	Laguna Lake Bangyas Solar Power Plant	Nuevo Solar Energy Corporation	Calacan and Victoria, Laguna	25	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 5 September 2017 (DOE-EPIMB-SIS No. 2017-08-004)</li> </ul>	TBD
Indicative	Lumban Solar Power Plant	Nuevo Solar Energy Corporation	Lumban, Laguna	37	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 5 September 2017 (DOE-EPIMB-SIS No. 2017-08-004)</li> </ul>	TBD
Indicative	San Miguel Solar Power Plant	Powersource First Bulacan Solar Inc.	San Miguel, Bulacan	50	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued with SIS on 19 September 2017 (DOE-EPIMB-SIS No. 2017-09-002)</li> </ul>	TBD
	<b>WIND</b>			<b>1275.4</b>		
Indicative	Phase 1: Pasuquin East Wind Power Project	Energy Logics Philippines, Inc.	Pasuquin, Ilocos Norte	48	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Awarded with Wind Energy Service Contract (WESC No. 2009-09-001) on 14 Sept 2009 <ul style="list-style-type: none"> <li>Acquired Forest Land-Use Agreement with DENR <ul style="list-style-type: none"> <li>On-going wind resource assessment</li> </ul> </li> <li>Acquired various LGU permits and resolutions of support <ul style="list-style-type: none"> <li>ECC secured 15 Jun 2010</li> <li>GIS secured Dec 2010</li> </ul> </li> </ul> </li> <li>On-going negotiation with the Dept. of National Defense for the clearance to construct wind farm within the vicinity of Pasuquin Radar Station <ul style="list-style-type: none"> <li>Equity Investors commitment secured</li> </ul> </li> <li>Selected Preferred EPC Turn-key Tenderer for both the wind energy farm and the connection assets</li> <li>Submitted the Declaration of Commerciality (DOC) with incomplete documentary requirements <ul style="list-style-type: none"> <li>The DOE is waiting for the final Work Plan of the project for further evaluation</li> </ul> </li> <li>On-going negotiations for project financing and acquisition of TL-ROW as per Work plan <ul style="list-style-type: none"> <li>Acquired DOE Certificate of Confirmation of Commerciality on 02 December 2013</li> </ul> </li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Negotiation for financial closing is on-going</li> <li>Project cost is Php6.048B</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>On-going construction</li> </ul> <ul style="list-style-type: none"> <li>Construction Stage as of 30 September 2014( Pre-Construction - 39% completed, Construction-0%, Interconnection-0%)</li> <li>On-going negotiation for project financing and acquisition of TL-ROW as per Work Plan</li> </ul>	December 2018

Indicative	Balaoi Wind Power Project	Northern Luzon UPC Asia Corporation	Brgy. Balaoi, Pagudpud, Ilocos Norte	45	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed detailed feasibility study</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>Land Rights Acquisition for WTG or PV, Access Road, and TL: 12% completed as of December 2014 (all land rights secured through Flags and private agreements; TL ROW permitting on going)</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Awarded with Wind Energy Service Contract (WESC No. 2010-02-038) on 1 Feb 2010 <ul style="list-style-type: none"> <li>Conducted detailed wind resource assessment</li> </ul> </li> <li>Acquired various LGU permits and resolutions of support <ul style="list-style-type: none"> <li>NCIP Certificate of Non-Overlap on 15 Jan 2007</li> <li>Forest Land use Agreement with DENR on 20 May 2009</li> </ul> </li> <li>DENR Environmental Compliance Certificate on 23 Jul 2009, DPWH Road Right-of-Way for T/L construction <ul style="list-style-type: none"> <li>CAAP Height Clearance permit</li> </ul> </li> <li>Final Report of SIS and Connection Agreement with NGCP secured on 4 Jan 2011 <ul style="list-style-type: none"> <li>BOI Registered on 23 Jun 2011</li> </ul> </li> <li>Acquired DOE Certificate of Confirmation of Commerciality on 02 December 2013</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Submitted proofs of negotiations/certifications from banks for project financing</li> </ul> <ul style="list-style-type: none"> <li>Financial Closing - 10% completed as of December 2014 (Project substantially permitted but funders will require clarity on Feed-in-Tariff installation targets before committing funding <ul style="list-style-type: none"> <li>Total project cost is US\$139.5Million</li> <li>Financial Closing - 20% as of Feb report</li> </ul> </li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>On-going construction - 17.33% as of 30 March 2015</li> </ul> <ul style="list-style-type: none"> <li>Construction Stage as of March 2015( Pre-Construction - 52% completed, Construction of Wind Farm-0%, Interconnection Facilities - 0%); Construction shall commence upon completion of Caparispisan Project <ul style="list-style-type: none"> <li>Development works shall commenced upon completion of Caparispisan Project</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>EPC, O&amp;M, Owner's Engineer Contract/Agreement: 30% completed as of December 2014 (detailed Design Complete, Environmental Studies Complete); <ul style="list-style-type: none"> <li>NGCP is conducting SIS prior to signing of Connection Agreement</li> </ul> </li> </ul>	December 2018	(
Indicative	Sembrano Wind Power Project (Formerly: Phase 2: Mabitac Wind Power Project)	Alternergy Sembrano Wind Corporation	Mt. Sembrano, Mabitac, Laguna	80.4	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Acquired DOE Certificate of Confirmation of Commerciality on 13 February 2014</li> </ul> <ul style="list-style-type: none"> <li>Amended the Contract Area and assigned partially to Alternergy Sembrano Wind Corporation ASWC-WESC No. 2009-09-018-AP2 on 27 February 2014 <ul style="list-style-type: none"> <li>Under the same contract area of WESC No. 2009-09-018; <ul style="list-style-type: none"> <li>On-going wind resource assessment</li> </ul> </li> <li>Acquired various LGU permits and resolutions of support; <ul style="list-style-type: none"> <li>Interconnection Agreement with MERALCO last 1 March 2012;</li> </ul> </li> </ul> </li> <li>Project Finance Term Sheet with Bank last 27 July 2012; Negotiation for financial closing is on-going; <ul style="list-style-type: none"> <li>Final review of GIS by NGCP last 31 July 2012;</li> </ul> </li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>AWOC to finance the implementation of the project with 100% equity <ul style="list-style-type: none"> <li>Negotiations for financial closing is on-going</li> <li>Project cost is Php7.056B</li> </ul> </li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>EPC and O&amp;M Contract with consortium of Nordex SE and McConnell Donnell last 11 July 2012 <ul style="list-style-type: none"> <li>On-going construction</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>Construction Stage as of 30 September 2014( Pre-Construction - 22% completed, Construction-0%, Interconnection-0%); <ul style="list-style-type: none"> <li>On-going completion of Pre-construction activities including financial closing Work Plan</li> </ul> </li> </ul>	February 2019	(
Indicative	Pagudpud Wind Power Project	EDC Pagudpud Wind Power Corporation	Brgy. Balaoi and Caunayan, Pagudpud, Ilocos Norte	84	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed feasibility study</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Awarded with Wind Energy Service Contract (WESC No. 2010-02-040) on 19 Feb 2010 <ul style="list-style-type: none"> <li>Conducted detailed wind resource assessment</li> </ul> </li> <li>Acquired various LGU permits and resolutions of support, DENR Environmental Compliance Certificate; <ul style="list-style-type: none"> <li>Acquired DOE Certificate of Confirmation of Commerciality on 13 June 2014</li> </ul> </li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>On-going construction</li> </ul> <ul style="list-style-type: none"> <li>Construction Stage as of 30 September 2014 (Pre-Construction - 20% completed, Construction-0%, Interconnection-0%)</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>Construction shall commence upon completion of Burgos Project</li> </ul>	June 2019	(

Indicative	Burgos 2 Wind Power Project	Energy Development Corporation Pagali Burgos Wind Power Corporation	Burgos, Ilocos Norte	183	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-03-003)	December 2019	(
Indicative	Matnog 1 Wind Power Project	Energy Development Corporation	Matnog, Sorsogon	153	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-03-003)	August 2020	(
Indicative	Matnog 2 Wind Power Project	Energy Development Corporation	Matnog, Sorsogon	206	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-03-003)	August 2020	(
Indicative	Matnog 3 Wind Power Project	Energy Development Corporation	Matnog, Sorsogon	206	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 6 April 2016 (DOE-EPIMB-SIS No. 2016-03-003)	August 2020	(
Indicative	Talisay Wind Power Project	Currimeo Solar Energy Corp.	Camarines Norte	50	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 3 March 2017 (DOE-EPIMB-SIS No. 2017-01-005)	TBD	
Indicative	Talim Wind Power Project	Currimeo Solar Energy Corp.	Rizal	140	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 3 March 2017 (DOE-EPIMB-SIS No. 2017-01-005)	TBD	
Indicative	Calatagan Wind Power Project	Currimeo Solar Energy Corp.	Batangas	80	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 3 March 2017 (DOE-EPIMB-SIS No. 2017-01-005)	TBD	
	BIOMASS			114.2			
Indicative	Polillo Biomass Power Plant Project	Renosons Energy Polillo, Inc.	Quezon	1.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	May 2019	(
Indicative	NREDC Biomass Power Plant Project	Natures Renewable Energy Development Corporation	Cagayan	24	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	June 2019	(
Indicative	Santa Biomass Power Project	Satrap Power Corporation	Brgy. Nagpanaoan, Santa, Ilocos Sur	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 20 July 2016 (DOE-EPIMB-SIS No. 2016-07-005)	June 2019	(
Indicative	EcoMarket Solutions Coconut Waste-Fired Biomass Power Project	EcoMarket Solutions, Inc.	Aurora	2.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	December 2019	(
Indicative	CJ Global Waste-to-Energy Power Project	CJ Global Green Energy Philippines Corp.	Camarines Sur	20	PERMITS AND OTHER REGULATORY REQUIREMENTS: Ongoing applications of requirements; COMMENCEMENT OF CONSTRUCTION: For construction;	December 2020	(
Indicative	Napier Grass-Fired Biomass Power Plant	Grass Gold Renewable Energy Corp	Nueva Ecija	12	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • For construction	December 2020	(
Indicative	FQBC Biogas Power Plant Project	First Quezon Biogas Corporation	Quezon	1.2	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • For construction	December 2020	(
Indicative	HEC Rice Husk-Fired Biomass Power Plant Project	Hypergreen Energy Corporation	Bulacan	12	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • For construction	December 2020	(
Indicative	VSGPC Multi-Feedstock Biomass Power Plant Project	V.S. Grial Power Corporation	Nueva Ecija	6	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on 1 August 2017 (DOE-EPIMB-SIS No. 2017-07-007) CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • For construction	January 2021	(
Indicative	Bataan 2020 Multi-Feedstock Cogeneration Power Plant	Bataan 2020, Inc.	Mariveles, Bataan	25	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 20 June 2017 (DOE-EPIMB-SIS No. 2017-06-005)	TBD	
	BATTERY			230			
Indicative	AES Battery Storage - Laoag Project	AES Philippines Power Partners Co. Ltd.	Laoag, Ilocos Norte	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on 18 February 2016 (DOE-EPIMB-SIS No. 2016-02-001)	TBD	
Indicative	AES Battery Storage - Bantay Project	AES Philippines Power Partners Co., LTD.	Bantay, Ilocos Norte	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on 18 February 2016 (DOE-EPIMB-SIS No. 2016-02-001)	TBD	

Indicative	AES Battery Storage - Masinloc Project Unit 2	AES Philippines Power Partners Co., LTD.	Masinloc, Zambales	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on June 2, 2015;	TBD
Indicative	AES Battery Storage - Masinloc Project Unit 3	AES Philippines Power Partners Co., LTD.	Masinloc, Zambales	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on June 2, 2015;	TBD
Indicative	AES Battery Storage - Masinloc Project Unit 4	AES Philippines Power Partners Co., LTD.	Masinloc, Zambales	10	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Secured GIS on June 2, 2015;	TBD
Indicative	Enerhiya Central Battery Energy Storage Project	SunAsia Energy Inc.	Concepcion, Tarlac	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 April 2016 (DOE-EPIMB-SIS No. 2016-04-002)	TBD
Indicative	Enerhiya Sur I Battery Energy Storage Project	SunAsia Energy Inc.	Lemery and Tuy, Calaca, Batangas	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 April 2016 (DOE-EPIMB-SIS No. 2016-04-002)	TBD
Indicative	Enerhiya Sur II Battery Energy Storage Project	SunAsia Energy Inc.	Lumban, Laguna	40	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 8 April 2016 (DOE-EPIMB-SIS No. 2016-04-002)	TBD

Total Indicative Rated Capacity 15803.67

\* Committed Project(s)

COAL  
DIESEL/OIL  
NATURAL GAS  
GEOTHERMAL

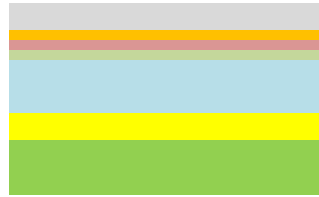
HYDROPOWER

SOLAR

WIND

BIOMASS

BESS



6660  
450  
2816  
50

2708.25

1729.82

1275.4

114.2

0

15803.67

TRUE