

PRIVATE SECTOR INITIATED POWER PROJECTS (LUZON)

COMMITTED

As of 28 February 2019

Committed/ Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			3950			
Committed	Masinloc Expansion Project	AES Masinloc Power Partners Co., Inc.	Zambales	300	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed February 2011</li> </ul> <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>Provided bank certification for financial closing status to DOE dated 24 August 2016;                             <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>POSCO Engineering and Construction Co. Ltd, Korea (Offshore - Engineering Procurement); Ventanas Philippines Construction Inc. (Onshore Construction Main Contractor)</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>2nd Qtr 2014</li> </ul>	Unit 3 - December 2018	April 2019 (Target Testing and Commissioning)
Committed	Limay Power Plant Project Phase II	SMC Consolidated Power Corporation		150	<p><b>FEASIBILITY STUDY:</b> Completed</p> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>Acquisition Completed</li> </ul> <p><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>On-going electric power supply contract negotiation with prospective off-takers (DUs)</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Final review and drafting of ECC was done last 16 August 2013 and expected to receive by end of August 2013;                             <ul style="list-style-type: none"> <li>Submitted System Impact Study last 12 July 2013, review of the report is still on-going;</li> </ul> </li> <li>Requirements for BOI will be submitted once ECC is release; Expected submission on 1st week of September 2013;</li> <li>Agreement for the use of the land was entered between SMC Consolidated Power Corp and leasehold rights holder                             <ul style="list-style-type: none"> <li>On-going securing of other permits and other regulatory requirements                                     <ul style="list-style-type: none"> <li>SEC issued last 19 August 2011; Site Development Target:</li> </ul> </li> </ul> </li> </ul> <p><b>GROUND BREAKING SCHEDULES:</b></p> <ul style="list-style-type: none"> <li>3rd Week of September 2013</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Securing project financing 70:30 Debt-equity ratio</li> <li>Project cost is Under Planning and Budget Review</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Awarded EPC to Formosa Heavy Industries (FHI)                             <ul style="list-style-type: none"> <li>Issued NTP on 1 August 2014</li> </ul> </li> <li>Completed and issued construction and supply contracts on EPC's inside batter limit (main equipment)</li> <li>Other main contracts for review and awarding (site development/land preparation, transmission connection, pier and jetty structure, fuel handling facilities and other ancillaries, ash pond construction and water supply)                             <ul style="list-style-type: none"> <li>Handover of site for Unit 1 is 31 Oct. 2014;</li> <li>Handover of Site for Unit 2 is 28 February 2015;</li> <li>Target Date for Coal Yard for Phase 2 is 31 August 2015;</li> </ul> </li> <li>Transmission Target: New extra high voltage TL and SS should be ready by November 2016;</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>Target commencement of construction- Site development/Land preparation: 2 September 2013 (upon release of ECC)                             <ul style="list-style-type: none"> <li>Start of Piling and Construction: 15 October 2013</li> </ul> </li> </ul>	Unit 4 - December 2018	Unit 4 - April 2019

Committed	San Buenaventura Power Ltd. Co. (SBPL) Project	San Buenaventura Power Ltd. Co. (SBPL)	Barangay Cagsiay 1, Mauban, Quezon	500	<p style="text-align: center;"><b>FEASIBILITY STUDY: Completed</b></p> <ul style="list-style-type: none"> <li>• Completed Selection Study in 2012; Technology selection study completed 2012</li> <li>• Coal Sourcing Study completed in 2012</li> <li>• Facility Study to be done in 2014; System Impact Study completed 2007 and revalidated 2013</li> </ul> <p style="text-align: center;"><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>• Project will be located within the existing site</li> </ul> <p style="text-align: center;"><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>• 20 years + 5-year extension PSA with Meralco as offtaker;</li> <li>• SBPL has signed a PSA with Meralco on 29 May 2014; PSA approved by ERC on March 27, 2015 and released May 19, 2015</li> </ul> <p style="text-align: center;"><b>PERMITS AND OTHER REGULATORY REQUIREMENTS :</b></p> <ul style="list-style-type: none"> <li>• Clearance to Undertake GIS from DOE issued on 7 March 2013;</li> <li>• System Impact Study completed in 2007 and is being revalidated in 2013; <ul style="list-style-type: none"> <li>• ECC (Ref.Code 0610-012-4021) issued on 4 June 2007;</li> </ul> </li> <li>• ECC extension of validity issued on 31 May 2012 and valid until 4 June 2015; ECC for SBPL issued on 11 November 2014</li> <li>• Request for Amendment to upgraded technology submitted to EMB on 17 February 2014 <ul style="list-style-type: none"> <li>• Request to assign the ECC for new project was requested on 2 June 2014;</li> </ul> </li> <li>• Additional information requested by EMB on 7 August 2014; QPL is in the process of preparing the documents; <ul style="list-style-type: none"> <li>• Secured Sanggunian Bayan Resolution No. 2014-269 endorsing the project to expand; <ul style="list-style-type: none"> <li>• SIS completed in 2007 and is being revalidated;</li> <li>• Municipal LGU endorsement issued April 19, 2005;</li> </ul> </li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>• Certificate of Non-Overlap was issued by the NCIP to Quezon Power on 5 February 2014; Request to assign the CNO was endorsed by the DOE and submitted to the NCIP on 15 July 2014; Certificate of Non-overlap issued on 29 August 2014</li> <li>• ERC application was filed on 2 June 2014; Financing arrangements is expected to be secured only after the ERC issues the final approval; BOI Certificate of Registration issued on 15 October 2015</li> </ul> <p style="text-align: center;"><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>• Financing arrangements is expected to be secured only after the ERC issues the final approval; Financially closed December 1, 2015 <ul style="list-style-type: none"> <li>• Project cost is Php37.8B</li> </ul> </li> </ul> <p style="text-align: center;"><b>GROUND BREAKING SCHEDULES:</b></p> <ul style="list-style-type: none"> <li>• December 10, 2015</li> </ul> <p style="text-align: center;"><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>• Owner's Engineer selected; EPIC bids received in November 2013 <ul style="list-style-type: none"> <li>• EPC Contract signed October 2014;</li> </ul> </li> </ul> <p style="text-align: center;"><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>• Award EPC contract estimate September 2013;</li> <li>• Over All construction at 98.15 % as of January 31, 2019</li> </ul>	July 2019	December 2019
Committed	RPEI Coal-Fired Power Plant	Redondo Peninsula Energy, Inc.	Sitio Naglatore, Cawag, Subic Bay Freeport Zone	600	<p style="text-align: center;"><b>FEASIBILITY STUDY: Completed</b></p> <p style="text-align: center;"><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>• Project Site is leased from the Subic Bay Metropolitan Authority</li> </ul> <p style="text-align: center;"><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>• Started discussions with the Manila Electric Company for sale of power <ul style="list-style-type: none"> <li>• 52% owned by Meralco PowerGen Corp. (MPGC)</li> </ul> </li> <li>• Target signing RP Energy and Meralco PSA June 2015 <ul style="list-style-type: none"> <li>• Filing of application for PSA with ERC June 2015</li> </ul> </li> </ul> <p style="text-align: center;"><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>• Amended ECC (3rd Amendment) secured last 15 November 2012</li> <li>• The Connection Agreement has been executed last October 24, 2014.</li> <li>• Execution after completion of NGCP's review of the revised System Impact Study and Facilities Study prepared by RPE</li> <li>• NGCP's application to ERC for approval of Transmission Asset has been completed and is currently awaiting decision. <ul style="list-style-type: none"> <li>• RPE's application to the ERC for the Connection Asset has been deemed sufficient in form and substance</li> <li>• Revised System Impact GIS review by NGCP completed 10 May 2012</li> </ul> </li> </ul>	Unit I - October 2018 Unit II - December 2018 (Target Commencement of Construction will be Dependent on Supreme Court decision on Writ of Kalikasan Case.)	2019

					<ul style="list-style-type: none"> <li>Any further development dependent on Supreme Court decision on Writ of Kalikasan case; <ul style="list-style-type: none"> <li>Public consultations conducted in Subic on 29 June 2012</li> <li>Site Preparation completed in 2013;</li> </ul> </li> <li>Target Commencement of Construction will be Dependent on Supreme Court decision on Writ of Kalikasan Case</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Project cost Php50B / \$1.2B</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Engineering, Procurement and Construction (EPC) contract negotiations finalized</li> <li>Site preparation construction on-going, construction commenced on Q3 2013</li> </ul>		
Committed	GNPower Dinginin 2 x 660 MW Supercritical Coal-Fired Power Plant	GNPower Dinginin Coal Plant Ltd. Co.	Mariveles, Bataan	1200	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>On-going presentation/proposal submissions to potential customers</li> <li>Clearance to Undertake GIS from DOE issued on 26 June 201;</li> <li>Obtained LGU endorsements; BOI registration for 600 MW pre-approve <ul style="list-style-type: none"> <li>On-going SI;</li> <li>On-going EIS for ECC application</li> </ul> </li> <li>On-going securing DOE of Endorsement for DENR-ECC Arrangements for securing the required land will be acquired by an affiliate Filipino company of GNPower;</li> <li>On-going negotiation with tenders</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Project cost is \$1B</li> <li>Provided bank certification which was received by DOE-EPIMB-PPDD on 18 March 2016</li> <li>With Financial Closing, agreed by GNPD and banks/financial institutions on 17 December 2015</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>On-going finalization of EPC Contract <ul style="list-style-type: none"> <li>FEASIBILITY STUDY <ul style="list-style-type: none"> <li>Completed</li> </ul> </li> </ul> </li> <li>ARRANGEMENT OF SECURING REQUIRED LAND <ul style="list-style-type: none"> <li>Secured rights over the project site</li> </ul> </li> <li>MARKETING OF GENERATING CAPACITIES</li> </ul> <ul style="list-style-type: none"> <li>Signed Contracts with a group of electric cooperatives and retail electricity suppliers; On-going sales and marketing to electric cooperatives, private distribution utilities, RES and large end-users in the Luzon and Visayas Grid</li> </ul>	Unit I - June 2019 Unit II - Dec 2019	Unit I - October 2019 Unit II - June 2020
Committed	AOE Coal-Fired Power Plant	Atimonan One Energy	Atimonan, Quezon	1200	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed 21 January 2015</li> </ul> <p><b>ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>Acquisition of the parcels of the land in the target plant site in Atimonan, Quezon is on-going (expanding)</li> </ul> <p><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>Energy to be sold to DUs and electric cooperatives</li> <li>ERC Approval of PSA remains PENDING</li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>On-going securing of ECC</li> <li>SEC already amended</li> <li>Clearance to Undertake GIS from DOE issued on June 2014 <ul style="list-style-type: none"> <li>GIS on-going</li> </ul> </li> <li>Ongoing discussion with LGU and there was no violent reaction from them on this proposed changes. <ul style="list-style-type: none"> <li>EIS draft submitted to DENR in Nov. 2014</li> </ul> </li> <li>Foreshore Lease Application (FLA) submitted to DENR last March 2013 (currently on hold as the DENR does its internal organizational restructuring)</li> <li>Applied Certificate of Non-Overlap with National Commission on Indigenous Peoples (NCIP)</li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Completed</li> <li>Paid Commitment Fee to the Senior Term Loan Lenders</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Owner's Engineer has been appointed; EPC pre-qualification process on-going</li> <li>EPC Contractor currently starting early works on site; most contractor activities will be focused on site survey works, offsite preparations, and heavy equipment mobilization to site</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>ERC approval contingent to start of main construction</li> </ul>	Unit 1 - March 2023 Unit 2 - TBD	Unit 1 - March 2023 Unit 2 - TBD
	OIL			0			
	NATURAL GAS			650			

Committed	Pagbilao Combined Cycle Gas Fired Power Plant Proposed 3x200 MW CCGT Power Plant	Energy World Corporation	Brgy. Ibabang Polo, Grande Island, Pagbilao, Quezon	650	<p><b>FEASIBILITY STUDY:</b></p> <ul style="list-style-type: none"> <li>Completed</li> </ul> <p><b>'ARRANGEMENT FOR SECURING THE REQUIRED LAND:</b></p> <ul style="list-style-type: none"> <li>Land is already secured with a long lease entered into since 2007</li> </ul> <p><b>MARKETING OF GENERATING CAPACITIES:</b></p> <ul style="list-style-type: none"> <li>No specific off taker yet but already have a discussion with Federation of Philippine Industries, intended to supply power into the Wholesale Electricity Spot Market but is also open to discussing potential off take arrangements as well <ul style="list-style-type: none"> <li>100% WESM</li> </ul> </li> </ul> <p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>GIS for 300MW issued by NGCP on 8 August 2013 and revised on 3 July 2013 for 600MW <ul style="list-style-type: none"> <li>Issued DOE Endorsement for Revised Capacity on 3 July 2013;</li> <li>Revised DOE clearance for GIS submitted to NGCP on January 2014</li> <li>GIS from NGCP for the 600MW was released on August 2014;</li> </ul> </li> <li>Several Resolutions has been issued on May 2014 (Sangguniang Barangay Resolution, Sangguniang Bayan Resolution and Sangguniang Panlalawigan Resolution) interposing no objection for the construction of a 600 MW Liquefied Natural Gas (LNG) Power Plant; <ul style="list-style-type: none"> <li>On-going processing of ECC for power plant</li> </ul> </li> </ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Financial Arrangement Secured <ul style="list-style-type: none"> <li>Syndicated Loan</li> <li>Project Cost:\$300M</li> </ul> </li> <li>Signing of loan agreement last 18 Sep 2015</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Entered into a Sale and Purchase Agreement last October 2012 with Siemens Energy for two 200 MW gas turbines and the first 200MW turbine is expected to arrive by September 2014;</li> <li>LNG Tank is currently at 50% construction completed as of August 2014;</li> </ul> <p><b>COMMENCEMENT OF CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>December 2013</li> <li>Completed</li> </ul>	March 2019	June 2019
HYDROPOWER					22.6		
Committed	Majayjay	Majayjay Hydro Power Company, Inc.	Majayjay, Laguna	3	<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> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>On-going pre construction activities</li> </ul>	February 2019	March 2019
Committed	Colasi	Colasi Mini Hydro Electric Power Plant Corporation	Mercedes, Camarines Norte	1	<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> <li>Clearance to Undertake GIS from DOE issued on 3 December 2012</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>On-going rehabilitation</li> </ul>	June 2019	July 2019
Committed	Labayat River (Upper Cascade)	Repower Energy Development Corporation	Real, Quezon	3	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued Confirmation of Commerciality on 8 January 2016</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Ongoing pre-construction activities</li> </ul>	November 2019	December 2019
Committed	Man-Asok	Benguet Electric Cooperative	Buguias, Benguet	3	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued Confirmation of commerciality on 22 September 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>	November 2020	December 2020

Committed	Laguio Malaki 1	Enervantage Suppliers Co., Inc.	Mauban, Quezon	1.6	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued Confirmation of commerciality on 9 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>	November 2020	December 2020
Committed	Matuno	Epower Technologies Corporation	Bambang, Nueva Ecija	8	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued Confirmation of commerciality on 24 June 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 construction</li> </ul>	November 2020	December 2020
Committed	Tubao	Tubao Mini-Hydro Electric Corporation	Tubao, La Union	1.5	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Issued Confirmation of Commerciality on 19 March 2015</li> </ul> <p><b>GROUND BREAKING SCHEDULES:</b></p> <ul style="list-style-type: none"> <li>Ground breaking held on 8 November 2014</li> </ul> <p><b>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>Pending submission of requirements for construction</li> </ul>	November 2021	December 2021
Committed	Rangas	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>	November 2021	December 2021
SOLAR				115			
Committed	Concepcion 1 Solar Power Project	Solar Philippines Tarlac Corporation	Concepcion, Tarlac	115	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>Awarded with RE Service Contract (SESC No. 2017-07-442-AF1) on 15 Aug 2017</li> <li>Certificate of Commerciality No. SCC-2017-11-062 dated 06 Dec 2017</li> <li>ERC granted interim relief of the PSA between MERALCO and SPTC (PHP 2.9999 per kWh - without escalation)</li> </ul>	June 2019	July 2019
WIND				0			
GEOTHERMAL				31			
Committed	Bacman 3 (Tanawon) Geothermal Project	Energy Development Corporation	Guinlajon, Sorsogon	31	<p><b>PERMITS AND OTHER REGULATORY REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>DOE Service Contract within GRESC # 2009-10-003; <ul style="list-style-type: none"> <li>LGU endorsement</li> <li>Land Use Permits, <ul style="list-style-type: none"> <li>DENR-ECC</li> </ul> </li> <li>Water Rights obtained;</li> </ul> <li>Turnkey Contract pending result of feasibility study under negotiation;</li> <li>Submitted Declaration of Commerciality (DOC) on 17 June 2014, evaluation by DOE of the DOC is still on-going;</li> </li></ul> <p><b>FINANCING ARRANGEMENTS:</b></p> <ul style="list-style-type: none"> <li>Project to be finance by EDC;</li> <li>Project cost estimated \$140M-180M</li> </ul>	November 2022	December 2022
BIOMASS				66.2			
Committed	Isabela La Suerte Rice Husk-Fired Power Project	Isabela La Suerte Rice Mill Corporation	Camarines Sur	5	<p><b>FINANCING ARRANGEMENTS:</b> Closed</p> <p><b>CONSTRUCTION:</b></p> <ul style="list-style-type: none"> <li>On-going testing and commissioning <ul style="list-style-type: none"> <li>Interconnection Issue</li> </ul> </li> </ul>	February 2019	March 2019

Committed	FQBC Biogas Power Plant Project	First Quezon Biogas Corporation	Quezon	1.2	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • On-going construction	March 2019	June 2019
Committed	VSGPC Multi-Feedstock Biomass Power Plant Project	V.S. Grialpal 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: • Construction on-going at 28%	November 2019	December 2019
Committed	Napier Grass-Fired Biomass Power Plant	Grass Gold Renewable Energy Corp	Nueva Ecija	12	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • Construction on-going at 45 %	November 2019	December 2019
Committed	HEC Rice Husk-Fired Biomass Power Plant Project	Hypergreen Energy Corporation	Bulacan	12	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • Construction on-going at 20 %	November 2019	December 2019
Committed	Biomass Power Plant Project	Cleangreen Energy Corporation	Orani, Bataan	12	CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • Construction on-going at 30 %	November 2019	December 2019
Committed	Biomass Power Plant	Green Innovations for Tomorrow Corp.	Bacal 2, Talavera, Nueva Ecija	18	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with GIS on 23 October 2018 (DOE-EPIMB RE-SIS No. 2018-10-006)  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: • Construction on-going at 30 %	November 2019	December 2019

Total Committed Water Capacity: 4834.8

\* Committed Project(s)

COAL	3950.0	81.7%
DIESEL / OIL	0.0	0.0%
NATURAL GAS	650.0	13.4%
RE	234.8	4.9%
GEOHERMAL	31.0	0.6%
HYDROPOWER	22.6	0.5%
BIOMASS	66.2	1.4%
SOLAR	115.0	2.4%
WIND	0.0	0.0%
	4834.8	
	TRUE	