

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)
INDICATIVE
As of 15 April 2016

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			900.00			
Indicative	Therma Visayas Energy Project	Therma Visayas Inc.	Brgy. Bato, Toledo City, Cebu	300	<p>Feasibility Studies, Permits and Other Regulatory Requirements -GIS-clearance from DOE issued on 16 June 2012 (GIS study-approved) -ECC issued last May 2013 -BOI-registered -July 23, 2014 - SAPA issued for foreshore development works for coal jetty -Site feasibility - completed on May 2015 -Land Acquisition for Completion -Applied CAAP Height Clearance permit</p> <p>Contracts for Plant and Equipment -EPC Contract awarded last 30 May 2014</p> <p>Financial Arrangements -Self-funded with on-going negotiations with financing institutions; awaiting closure; March 2016 - 3rd draw down -Project cost is Php23B</p> <p>Off-Takers -On-going discussions with target off-takers</p>	June 2017	Unit 1: December 2017 Unit 2: March 2018
Indicative	SPC Expansion Coal Power Plant Project	SPC Power Corporation	Brgy. Colon, Naga City, Cebu	300	<p>Feasibility Studies, Permits and Other Regulatory Requirements -SIS-clearance from DOE issued on 09 March 2015</p>	TBD	TBD
Indicative	Ludo Coal-Fired Thermal Power Plant	Ludo Power Corporation	Cebu City	300	<p>Feasibility Studies, Permits and Other Regulatory Requirements -SIS-clearance issued by DOE issued on 11 Dec 2015</p>	TBD	TBD
	OIL			10.00			
Indicative	Datem Energy Northern Samar Diesel Power Plant Project	Datem Energy Corporation	Northern Samar	10	<p>Feasibility Studies, Permits and Other Regulatory Requirements -SIS-clearance issued by DOE on 12 Nov 2015</p>	TBD	TBD
	GEOTHERMAL			40.00			
Indicative	Dauin Geothermal Project	Energy Development Corporation	Dauin, Negros Oriental	40	<p>Feasibility Studies, Permits and Other Regulatory Requirements -Land-use permits for areas on public land-obtained (*site on public land but portions of access road leading to Site sits on private land) -DOE Service Contract Project Project within GRESC # 2009-10-002 -LGU endorsement obtained -SLUP Obtained (subject for renewal) -TCP Obtained -RRW Obtained -Water rights obtained -DENR-ECC obtained;</p> <p>Financial Arrangements -Ongoing negotiations on the financing</p>	December 2021	December 2021 (Target Testing and Commissioning)
	HYDROPOWER			90.98			
Indicative	Timbaban Hydroelectric Power Project	Oriental Energy and Power Generation Corporation	Madalag, Aklan	18	<p>Feasibility Studies, Permits and Other Regulatory Requirements -Confirmation of Commerciality-issued on 28 May 2013 -Submission of lacking requirements in progress</p>	August 2017	May 2018 (Target Testing and Commissioning)
Indicative	Loboc Hydroelectric Power Project	Sta. Clara Power Corporation	Loboc, Bohol	1.2	<p>Feasibility Studies, Permits and Other Regulatory Requirements -Confirmation of Commerciality-issued on 3 June 2013 -Submission of lacking requirements in progress</p>	June 2018	June 2018

Indicative	Hilabangan (Lower Cascade)	Century Peak Energy Corporation	Kabankalan, Negros Occidental	3.0	Feasibility Studies, Permits and Other Regulatory Requirements - GIS-clearance to undertake issued by DOE on August 2013 - Confirmation of Commerciality-issued on 28 August 2013; -Submission of lacking requirements in progress	August 2018	August 2018 (Target Testing and Commissioning)
Indicative	Hilabangan (Upper Cascade)	Century Peak Energy Corporation	Kabankalan, Negros Occidental	4.8	Feasibility Studies, Permits and Other Regulatory Requirements - GIS-clearance issued by DOE on August 2013 - Confirmation of Commerciality-issued on 28 August 2013 -Submission of lacking requirements in progress	August 2018	August 2018 (Target Testing and Commissioning)
Indicative	Main Aklan River Hydroelectric Power Project	Sunwest Water & Electric Company, Inc.	Libacao, Aklan	15	Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 19 September 2013 -Submission of lacking requirements in progress	September 2018	September 2018
Indicative	Maninila (Lower Cascade)	Century Peak Energy Corporation	San Remigio, Antique	4.5	Feasibility Studies, Permits and Other Regulatory Requirements - GIS-clearance from DOE issued on August 2013 - Confirmation of Commerciality-issued on 02 October 2013 -Submission of lacking requirements in progress	October 2018	October 2018 (Target Testing and Commissioning)
Indicative	Maninila (Upper Cascade)	Century Peak Energy Corporation	San Remigio, Antique	3.1	Feasibility Studies, Permits and Other Regulatory Requirements - GIS-clearance from DOE issued on August 2013 - Confirmation of Commerciality-issued on 02 October 2013; -Submission of lacking requirements in progress	October 2018	October 2018 (Target Testing and Commissioning)
Indicative	Sibalom (Upper Cascade)	Century Peak Energy Corporation	San Remigio, Antique	4.2	Feasibility Studies, Permits and Other Regulatory Requirements - GIS-clearance from DOE issued on August 2013 - Confirmation of Commerciality-issued on 02 October 2013 -Submission of lacking requirements in progress	October 2018	October 2018 (Target Testing and Commissioning)
Indicative	Sibalom (Middle Cascade)	Century Peak Energy Corporation	San Remigio, Antique	4.0	Feasibility Studies, Permits and Other Regulatory Requirements - GIS-Clearance from DOE issued on August 2013 - Confirmation of Commerciality-issued on 02 October 2013; -Submission of lacking requirements in progress	October 2018	October 2018 (Target Testing and Commissioning)
Indicative	Sibalom (Lower Cascade)	Century Peak Energy Corporation	San Remigio, Antique	4.0	Feasibility Studies, Permits and Other Regulatory Requirements - GIS-Clearance from DOE issued on August 2013 -Confirmation of Commerciality issued on 02 October 2013 -Submission of lacking requirements in progress	October 2018	October 2018 (Target Testing and Commissioning)
Indicative	Basak II	Meadowland Developers, Inc.	Badian, Cebu	0.5	Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 30 April 2014 -Submission of lacking requirements e.g. permits in progress Project Progress -16 February 2013-Groudbreaking	April 2019	April 2019 (Target Testing and Commissioning)
Indicative	Amlan (Plant B)	Natural Power Sources Integration, Inc.	Amlan, Negros Oriental	1.5	Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 11 July 2014 - Submission of lacking requirements in progress;	July 2019	July 2019
Indicative	Amlan (Plant A)	Natural Power Sources Integration, Inc.	Amlan, Negros Oriental	3.2	Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 25 September 2014 -Submission of lacking requirements in progress;	September 2019	September 2019

Indicative	Amlan (Plant C)	Natural Power Sources Integration, Inc.	Amlan, Negros Oriental	0.8	Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 25 September 2014 -Pending submission of requirements under development stage	September 2019	September 2019
Indicative	Malugo	Vivant-Malogo Hydropower, Inc	Silay City, Negros	6	Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 15 October 2014 -Submission of lacking requirements in progress	October 2019	October 2019
Indicative	Lower Himogaan	LGU Sagay	Sagay, Negros Occidental	4	Project Progress -On-going pre construction activities -Submission of lacking requirements e.g. permits in progress	Sept 2020	Sept 2020
Indicative	Caroan	Antique electric Cooperative	Sebaste, Antique	0.84	Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 30 September 2015 -Submission of lacking requirements in progress Project Progress -On-going pre construction activities	Sept 2020	Sept 2020
Indicative	Ipayo	Antique electric Cooperative	Sebaste, Antique	0.84	Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 02 October 2016 -Submission of lacking requirements in progress Project Progress -On-going pre construction activities	Sept 2020	Sept 2020
Indicative	Ilaguen 4	Isabela Power Corporation	Echague	10	Feasibility Studies, Permits and Other Regulatory Requirements - Issued Confirmation of Commercialization on October 02, 2015	October 2020	October 2020
Indicative	Bansud	Sunwest Water & Electric Company, Inc.	Bansud & Gloria, Oriental Mindoro	1.5	Feasibility Studies, Permits and Other Regulatory Requirements - Issued Confirmation of Commercialization on October 02, 2015	October 2020	October 2020
SOLAR				263.20			
Indicative	Tigbauan Solar Power Project	Solexar Energy International, Inc.	Brgy. Cordova Norte and Bantud, Tigbauan, Iloilo	30.2	Feasibility Studies, Permits and Other Regulatory Requirements -Covered by Solar Energy Service Contract (SESC No. 2014-06-082) on 14 July 2014;	March 2016	April 2016
Indicative	Biliran Solar Power Project	E & P Green Energy, Inc.	Biliran, Biliran	48	Feasibility Studies, Permits and Other Regulatory Requirements -Covered by Solar Energy Service Contract (SESC No. 2015-03-117) on 25 March 2015;	March 2016	April 2016

Indicative	Grid Tied Solar Farm	E & P Green Energy, Inc.	Biliran, Biliran	25	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> - GIS- secured on April 2015 -Building Permit-21 Aug 2015 -HLURB Certification and NIA for DAR Conversion-21 Aug 2015 and 21 Sept 2016 -NCIP-28 August 2015 -DOE Certificate of Confirmation of Commerciality-28 Aug 2015 -BOI-11 Sept 2016 <p>Contracts for Plant and Equipment</p> <ul style="list-style-type: none"> -Ongoing <p>Project Progress</p> <ul style="list-style-type: none"> Start of Construction -April 2016 (Target) End of Construction -Nov 2016 	August 2016	September 2016
Indicative	Ceko Solar PV Project (Daanbantayan Solar PV Power Project)	CEKO Solar Farm Systems Corp.	Brgy. Tominjao, Daanbantayan, Cebu	100	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 5 November 2015 (DOE-EPIMB-SIS No. 2015-10-010) 	TBD	TBD
Indicative	First Toledo Solar Power Project	SunAsia Energy, Inc.	Toledo City, Cebu	60	<p>(Target) Start of Construction -April 2016</p>	TBD	TBD
WIND				64.00			
Indicative	Pulupandan Wind Power Project	First Maxpower International Corporation	Pulupandan, Negros Occidental	50	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <p>Secured the ff:</p> <ul style="list-style-type: none"> - Feasibility study; Wind Energy Service Contract-01 February 2010; Detailed Wind Resource Assessment; GIS; Various LGU permits and Resolutions of Support; DENR ECC permit; NCIP Certificate on Non-Overlap-07 Jan 2013; Clearances from MARINA, BFAR, Philippine Coast Guard; DPWH Road Right-of-Way for overhead T/L; Third Party System Impact Study; Certificate of Confirmation of Commerciality-acquired from DOE on 17 September 2013; Proof of Consent from different Lot Owner <p>Financial Arrangements</p> <ul style="list-style-type: none"> -Ongoing -Project cost is \$124,475,000.00 <p>Construction Progress</p> <ul style="list-style-type: none"> Pending due to ROW and Transmission Line Issues 	December 2016	December 2016 (Target Testing and Commissioning)

Indicative	Nabas Wind Power Project Phase II	PetroWind Energy Corporation	Brgy. Pawa, Nabas, Aklan	14	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> - Wind Energy Service Contract-14 Sept 2009; - Detailed Wind Resource Assessment-conducted - GIS-secured clearance from DOE on 16 September 2011 - ECC-acquired from DENR dated 4 Jun 2012 - Final Feasibility Study-Aug 2012 -SIS Final Report from NGCP- 01 Oct 2012 - CNO-acquired from NCIP - Barangay, Municipal, and Provincial Resolutions of Support-secured - DOE Certificate of Confirmation of Commerciality-acquired the on 31 May 2013 <p>Financial Arrangements</p> <ul style="list-style-type: none"> -Financial Arrangement Secured-submitted certification dated 31 August 2012 from Lead Arranger, ensuring the required financing is already available if needed; Total project cost is US\$118.44M <p>Contracts for Plant and Equipment</p> <ul style="list-style-type: none"> -EPC Contract with EEI Corp. secured 31 Jul 2012 <p>Off-Takers</p>	<p>Phase 1 (36 MW) - March 2015 (Operational since June 10, 2015)</p> <p>Phase 2 (14 MW) -TBD</p>	<p>Phase 1 (36 MW) - June 2015 (Operational since June 10, 2015)</p> <p>Phase 2 (14 MW) -TBD</p> <p>(Target Testing and Commissioning)</p>
BIOMASS				47.25			
Indicative	Mina Multi-Fuel Biomass Power Generation Facility	Green Power Panay Phils., Inc.	Iloilo	33	-For construction	Phase I - May 2017 Phase II May 2018	Phase I - May 2017 Phase II May 2018
Indicative	MCEI Multi-Feedstock Biomass Power Plant Project	Megawatt Clean Energy, Inc.	Negros Occidental	12	-For construction	May 2018	May 2018
Indicative	MCEI Rice Husk-Fired Biomass Power Plant Project	Megawatt Clean Energy, Inc.	Leyte	2.25	-For construction	July 2018	July 2018
OXYFUEL GAS				3.00			
Indicative	Boracay Oxyfuel-Gas Fired Power Plant Project	CENERTEC Philippines, Inc.	Brgy. Yapak, Malaya, Aklan	3.00	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS: Clearance to Underatake GIS (2015-09-004) from DOE released on 4 February 2016;</p> <p>COMMENCEMENT OF CONSTRUCTION: For construction;</p>	December 2016	December 2016
BATTERY				40.00			
Indicative	AES Battery Storage - Kabankalan Project	AES Philippines Power Partners Co., LTD.	Kabankalan, Negros Occidental	40	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> - GIS-clearance from DOE issued on 31 January 2013 -Option to lease-secured on 18 September 2013 -Sangguniang Panlalawigan issued Resolution 98-2077 declaring the lot as industrial -Agreement for Easement Right of Way on Adjacent private land (for transmission)- executed on 14 January 2014 -DOE COE-issued -GIS- approved on Aug 2014 -DENR-ECC-approved on 28 Oct 2014 -Facility Study submitted on 12 Dec 2014 <p>Financial Arrangement</p> <ul style="list-style-type: none"> - On-going negotiations with International/Local banks -Proponent is planning to equity fund the Project <p>Contracts for Plant and Equipment</p> <ul style="list-style-type: none"> - On-going selection of Owner's Engineer for the Construction Contracts for Plants and Equipment 	October 2016	December 2016 (Target Testing and Commissioning)

Total Indicative Rated Capacity 1,458.43

Total Indicative Rated Capacity w/o Battery 1,418.43