

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)
INDICATIVE
As of 31 October 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	COAL			600			
Indicative	SMC Loboc Malabuyoc Coal-Fired Power Plant Project	SMC Global Power Holdings Corp.	Mactan, Cebu	300	<p>FEASIBILITY STUDY</p> <ul style="list-style-type: none"> Pre-engineering activities (Topo, Bathymetry & Soil Investigation and etc.) in progress <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS 24 July 2017 (DOE-EPIMB-SIS No. 2018-06-004) 	TBD	TBD
Indicative	SMC Global Negros Coal-Fired Power Plant Project	SMC Global Power Holdings Corp.	San Carlos, Negros Occidental	300	<p>FEASIBILITY STUDY</p> <ul style="list-style-type: none"> Pre-engineering activities (Topo, Bathymetry & Soil Investigation and etc.) in progress <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS 12 January 2015 (DOE-EPIMB-SIS No. 2015-01-005) 	TBD	TBD
	NATURAL GAS			0			
	OIL-BASED			37.2			
Indicative	Bohol Diesel Power Plant Capacity Expansion	SPC Island Power Corporation	Tagbilaran, Bohol	30	<p>FEASIBILITY:</p> <ul style="list-style-type: none"> On-going <p>ARRANGEMENT DOE SECURING THE REQUIRED LAND:</p> <ul style="list-style-type: none"> N/A (to be built inside the existing plant). <p>MARKET OF GENERATING CAPACITIES:</p> <ul style="list-style-type: none"> Coordination/consultancy with NGCP (reserve capacity off-taker). <p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS 12 March 2019 (DOE-EPIMB-SIS No. 2019-03-001). ECC on-going.; SIS on-going. <p>ESTIMATED NUMBER OF JOBS GENERATED:</p> <ul style="list-style-type: none"> During Construction: 40 jobs and During Operation: 30 jobs <p>GROUND BREAKING SCHEDULES: February 2021 (target)</p> <p>FINANCING ARRANGEMENTS: self-financed</p> <p>CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT: Under negotiation</p> <p>ISSUES ENCOUNTERED RE: PROJECT DEVELOPMENT: No Advanced Contracting and Market and Regulatory Conditions</p>	August 2021	November 2021
Indicative	SPC Diesel Power Plant	Supreme Power Corporation	Brgy. Imelda, Ubay, Bohol	7.2	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Secured all required permits and clearance from various government agencies. ECC is already issued, with ECC No. ECC-OL-R07-2019-0120 <p>MARKETING OF GENERATING FACILITIES</p> <ul style="list-style-type: none"> Build-Operate-Transfer (BOT) to SOCOTECO-1 for 15 Years Cooperation Period Intends to provide Dispatchable Reserve thru of ancillary services to the grid or will enter unto ASPA with NGCP. <p>CONSTRUCTION:</p> <ul style="list-style-type: none"> Will start on November 2020 (2x3.6 MW) 	TBD	TBD
	GEOTHERMAL			126			
Indicative	Biliran Geothermal Plant Project	Biliran Geothermal Incorporated	Biliran, Biliran	50	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> Geothermal Service Contract from DOE-obtained ECC-secured for the proposed Geothermal Exploration Drilling and Biliran Power Plant Project on December 06, 2012 and August 23, 2013, respectively. Confirmation of Commerciality-obtained from DOE on 28 December 2014 <p>Financial Arrangements</p> <ul style="list-style-type: none"> Memorandum of Understanding by and among Envent Holdings Philippines, Inc. (EHP) and Philippine Associated Smelting and Refining Corp. (PASAR) signed on May 10, 2013 <p>Project Cost</p> <p>US\$ 208.021 M</p>	<p>Unit 1 (3.5 MW) - 2022</p> <p>Unit 2 (4.5 MW) - 2024</p> <p>Unit 3 (10 MW) - 2025</p> <p>Unit 4 (10 MW) - 2026</p> <p>Unit 5 (22 MW) - 2027</p> <p>Unit 6 (10 MW) - TBD</p>	<p>Unit 1 (3.5 MW) - 2022</p> <p>Unit 2 (4.5 MW) - 2024</p> <p>Unit 3 (10 MW) - 2025</p> <p>Unit 4 (10 MW) - 2026</p> <p>Unit 5 (22 MW) - 2027</p> <p>Unit 6 (10 MW) - TBD</p>
Indicative	Dauin Geothermal Project	Energy Development Corporation	Dauin, Negros Oriental	40	<p>Feasibility Studies, Permits and Other Regulatory Requirements</p> <ul style="list-style-type: none"> 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 within GRES-C # 2009-10-002 LGU endorsement obtained SLUP Obtained (subject for renewal) TCP Obtained RRW Obtained Water rights obtained DENR-ECC obtained; <p>Financial Arrangements</p> <ul style="list-style-type: none"> Ongoing negotiations on the financing 	November 2025	December 2025
Indicative	Mahanagdong Geothermal Brine Optimization Plant	Energy Development Corporation	Barangay Tongonan, Ormoc City, Leyte	36	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> Issued with SIS on 1 August 2019 (DOE-EPIMB-RE-SIS NO. 2019-07-001) 	2024	2024

PRIVATE SECTOR INITIATED POWER PROJECTS (MSAYAS)
INDICATIVE
As of 31 October 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	HYDROPOWER			773.7			
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	November 2025	December 2025
INDICATIVE	Malago	Vivant-Malago 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	November 2026	December 2026
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	November 2026	December 2026
INDICATIVE	Amlan (Plant A)	Natural Power Sources Integration, Inc.	Amlan, Negros Oriental	49.9	Feasibility Studies, Permits and Other Regulatory Requirements - Confirmation of Commerciality-issued on 25 September 2014 -Submission of lacking requirements in progress;	2027	2027
INDICATIVE	Amlan (Plant B)	Natural Power Sources Integration, Inc.	Amlan, Negros Oriental	1.5	#NAME?	2027	2027
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	2027	2027
Indicative	Aklan Pumped-Storage Hydropower	Strategic Power Development Corp.	Malay, Aklan	300	Declaration of Commerciality: • Submitted Project's Declaration of Commerciality to the DOE dated February 01, 2019. • Submitted additional project data to the DOE- Hydro Division in relation to the confirmation of commerciality of the project dated May 16, 2019. FEASIBILITY STUDY -Completed, -The conduct for the study of the SIS is still on-going -NGCP submitted their 'Offer of Service' to SPDC last May 26, 2017. As per NGCP, the earliest start that they can do the SIS will be on September 2017. - SPDC submitted to NGCP the signed 'Offer of Service' together with its attachments last June 29, 2017; • Start-up meeting with NGCP dated October 3, 2017 for the conduct of the SIS; • Coordination meeting with NGCP for the conduct of SIS dated February 8, 2018; • Coordination meeting with NGCP for the conduct of SIS dated May 21, 2018; • Submitted to NGCP the data for the conduct of SIS dated June 6, 2018; • Coordination meeting with NGCP for the conduct of SIS dated September 7, 2018; • Coordination meeting with NGCP for the presentation of the preliminary results of the Grid Impact Study (GIS) of the Project dated February 15, 2019.	2030	2030
	Financial Arrangements						

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)
INDICATIVE
As of 31 October 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
INDICATIVE	Cantakoy	Quadraver Energy Corp.	Danao, Bohol	8	Feasibility Studies, Permits and Other Regulatory Requirements -GIS-secured clearance from DOE on 11 July 2011 Financial Arrangement -Financial Arrangement Secured Project Progress -Construction on-hold due to conflict with LGU	TBD	TBD
INDICATIVE	Hilabangan (Lower Cascade)	Century Peak Energy Corporation	Kabankalan, Negros Occidental	3	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	TBD	TBD
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	TBD	TBD
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	TBD	TBD
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	TBD	TBD
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	TBD	TBD
INDICATIVE	Sibalom (Middle Cascade)	Century Peak Energy Corporation	San Remigio, Antique	4	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	TBD	TBD
INDICATIVE	Sibalom (Lower Cascade)	Century Peak Energy Corporation	San Remigio, Antique	3.3	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	TBD	TBD
Indicative	Bolusao Pumped Storage	San Lorenzo Samar and Water, Inc.	Lawaan, Eastern Samar	300	PERMITS AND OTHER REGULATORY REQUIREMENTS: * Issued with GIS on 6 October 2016 (DOE-EPMB-SIS No. 2016-09-004)	TBD	TBD

PRIVATE SECTOR INITIATED POWER PROJECTS (MSAYAS)
INDICATIVE
As of 31 October 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Indicative	Ilog Hydroelectric Power Plant	PHINMA Energy Corporation	Mabinay, Negros Occidental	21.6	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 22 February 2017 (DOE-EPIMB-SIS No. 2017-02-003) 	TBD	TBD
Indicative	Maslog Hydroelectric Power Project	Iraya Energy Corporation	Maslog, Eastern Samar	40	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with SIS on 23 October 2018 (DOE-EPIMB-RE-SIS No. 2018-09-004) 	TBD	TBD

PRIVATE SECTOR INITIATED POWER PROJECTS (MSAYAS)
INDICATIVE
As of 31 October 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	BIOMASS			8			
Indicative	Bagasse-Fired Cogeneration Power Plant Project	Central Azucarera de San Antonio	Brgy Cadlang, Passi, Iloilo	8	Project Progress -SIS completed April 2020	September 2021	October 2021
	SOLAR			560.63			
Indicative	Sanpalo Solar Power Plant	Sunpalo Solar Energy, Inc.	San Miguel, Leyte	100	PERMITS AND OTHER REGULATORY REQUIREMENTS: + Issued with GIS on 14 October 2016 (DOE-EPIMB-SIS No. 2016-10-006)	November 2020	Decemberr 2020
Indicative	Victorias Solar Power Project	VictoriaSolar Energy Corp.	Brgy. XII, Victorias City, Negros Occidental	30.63	Feasibility Studies, Permits and Other Regulatory Requirements -RESC NO. 2015-09-118 awarded on 3/25/2015 -COCOC NO. SSC-2016-01-041 issued on 2/16/2016	TBD	TBD
Indicative	Grid Tied Solar Farm	E & P Green Energy, Inc.	Biliran, Biliran	25	Feasibility Studies, Permits and Other Regulatory Requirements -GIS- secured on April 2015 -Building Permit-21 Aug 2015 -HLURB Certification and NIA for DAR Conversion-21 Aug 2015 and 21 Sept 2016 -NCP-28 August 2015 -DOE Certificate of Confirmation of Commerciality-28 Aug 2015 -BOI-11 Sept 2016 Feasibility Studies, Permits and Other Regulatory Requirements -Covered by Solar Energy Service Contract (SESC No. 2015-09-117) on 25 March 2015; -RESC NO. 2015-09-117 awarded on 3/25/2015 -COCOC NO. SSC-2015-09-022 issued on 08/28/2015	TBD	TBD
Indicative	Tigbauan Solar Power Project	Solexar Energy International, Inc.	Brgy. Cordova Norte and Bantud, Tigbauan, Iloilo	34.3	Feasibility Studies, Permits and Other Regulatory Requirements -Covered by Solar Energy Service Contract (SESC No. 2014-06-082) on 14 July 2014; -RESC NO. 2014-06-082 awarded on 7/14/2014 -COCOC NO. SSC-2015-10-032 issued on 12/09/2015	TBD	TBD
Indicative	Medellin Solar Power Plant	Solar Philippines, Inc.	Medellin, Cebu	300	PERMITS AND OTHER REGULATORY REQUIREMENTS: + Issued with SIS on 25 October 2017 (DOE-EPIMB-SIS No. 2017-09-005)	TBD	TBD
Indicative	Puente Al Sol Solar Power Plant	Puente Al Sol, Inc.	Cadiz City, Negros Occidental	70	PERMITS AND OTHER REGULATORY REQUIREMENTS: + Issued with SIS on 30 October 2017 (DOE-EPIMB-SIS No. 2017-08-002)	TBD	TBD
Indicative	Roxas City Solar Power Project	Solar Philippines Commercial Rooftop Projects, Inc.	Roxas City , Capiz	0.7	PERMITS AND OTHER REGULATORY REQUIREMENTS: + Awarded with RE Service Contract (SESC No. 2015-02-110) on 05 Mar 2015 + With DOC under evaluation of REMB / C-REC	TBD	TBD

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)
INDICATIVE
As of 31 October 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
	WIND			1814			
Indicative	Iloilo 1 Wind Power Project	Energy Development Corporation	Batad & San Dionisio, Iloilo	213	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 6April 2016 (DOE-EPIMB-SIS No. 2016-03-003) 	July 2020	For validation
Indicative	Nabas Wind Power Project Phase II	PetroWind Energy Corporation	Bigy, 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 35 September 2011 - ECC-acquired from DENR dated 4 Jun 2012 - Final Feasibility Study-Aug 2012 - SIS Final Report from NGCP- 01 Oct 2012 - CND-acquired from NCP - Barangly, Municipal, and Provincial Resolutions of Support-secured - DOE Certificate of Confirmation of Commercially-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\$118.4M <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> <ul style="list-style-type: none"> -Heads of Agreement with AKELCO for T/L Construction secured 28 Nov 2012 <p>Project Progress</p> <ul style="list-style-type: none"> -Ongoing Construction 	Phase 2 (14 MW) - August 2021	Phase 2 (14 MW) -September 2021
Indicative	Iloilo 2 Wind Power Project	Energy Development Corporation	Concepcion, Iloilo	500	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 6April 2016 (DOE-EPIMB-SIS No. 2016-03-003) 	TBD	TBD
Indicative	Negros Wind Power Project	Energy Development Corporation	Manapla & Cadiz, Negros Occidental	262	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued with GIS on 6April 2016 (DOE-EPIMB-SIS No. 2016-03-003) 	TBD	TBD
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 IT:</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; NCP 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"> -Ongoing 	TBD	TBD
Indicative	Aklan I Wind Power Project Phase 1-3	Tri-Conti Elements Corporation	Nabas-Malay, Aklan	75	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued clearance to undertake GIS on 17 July 2017 (DOE-EPIMB-SIS No. 2017-07-001) 	TBD	TBD
Indicative	Anda Wind Power Project	Tri-Conti ECC Renewables Corporation	Anda, Candijay & Guindalman, Bohol	50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued clearance to undertake GIS on 29 January 2018 (DOE-EPIMB-SIS No. 2018-01-004) 	TBD	TBD
Indicative	Tanjay Wind Power Project	Constellation Energy Corporation	Bais, Negros Oriental	50	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Awarded with RE Service Contract (WESC 2009-10-017) on 23 Oct 2009 • With DOC under evaluation of RENB / C-REC 	TBD	TBD
Indicative	Guimaras Strait Wind Power Project	Triconti Southwind Corporation	Guimaras, Negros Occidental	600	<p>PERMITS AND OTHER REGULATORY REQUIREMENTS:</p> <ul style="list-style-type: none"> • Issued clearance to undertake GIS on 16 April 2020 (DOE-EPIMB-SIS No. 2020-04-009) 	TBD	TBD

PRIVATE SECTOR INITIATED POWER PROJECTS (VISAYAS)
INDICATIVE
As of 31 October 2020

Committed / Indicative	Name of the Project	Project Proponent	Location	Rated Capacity (MW)	Project Status	Target Testing & Commissioning	Target Commercial Operation
Total Indicative Rated Capacity				3,919.5			
	BESS			63.5			
Indicative	Toledo Battery Energy Storage System	Global Business Power Corp.	Toledo City, Cebu	6	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 14 January 2019 (DOE-EPIMB-SIS No. 2019-01-001)	TBD	TBD
Indicative	Toledo Battery Energy Storage System	Global Business Power Corporation	Toledo City, Cebu	7.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 29 July 2019 (DOE-EPIMB-SIS NO. 2019-07-002)	TBD	TBD
Indicative	Tabango Battery Energy Storage System	Global Business Power Corporation	Tabango City, Cebu	7.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 29 July 2019 (DOE-EPIMB-SIS NO. 2019-07-002)	TBD	TBD
Indicative	Compostela Battery Energy Storage System	Global Business Power Corporation	Compostela, Cebu	7.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 29 July 2019 (DOE-EPIMB-SIS NO. 2019-07-002)	TBD	TBD
Indicative	Dingle Battery Energy Storage System	Global Business Power Corporation	Dingle City, Cebu	7.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 29 July 2019 (DOE-EPIMB-SIS NO. 2019-07-002)	TBD	TBD
Indicative	Ubay Battery Energy Storage System	Global Business Power Corporation	Ubay City, Cebu	7.5	PERMITS AND OTHER REGULATORY REQUIREMENTS: • Issued with SIS on 29 July 2019 (DOE-EPIMB-SIS NO. 2019-07-002)	TBD	TBD
Indicative	Kabankalan Integrated Renewable Power Hub Facility (R-Hub)	SMCGP PHILIPPINES ENERGY STORAGE CO. LTD.	Kabankalan, Negros Occidental	20		TBD	TBD

SUMMARY - INDICATIVE PROJECTS (VISAYAS)

	MW	% Share
COAL	600.0	15.3%
OIL-BASED	37.2	0.9%
NATURAL GAS	0.0	0.0%
RENEWABLE ENERGY	3,282.3	83.7%
GEOHERMAL	126.0	3.2%
HYDROPOWER	773.7	19.7%
BIOMASS	8.0	0.2%
SOLAR	560.6	14.3%
WIND	1,814.0	46.3%
TOTAL	3,919.5	
*BESS	63.5	