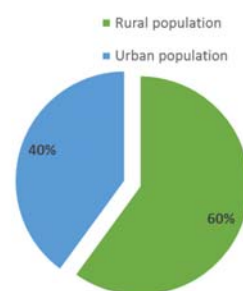


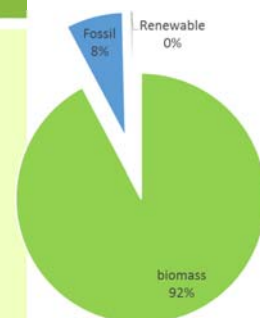
Social and economic set-up

	Year	Unit	Value
Total population	2014	Million	6.315 ¹
Population growth	2014	%	2.2 ²
Surface	2014	km ²	72,300 ³
GDP (current US\$)	2014	Billion USD	4.837 ⁴
GDP per capita (current US\$)	2014	USD per cap	766 ⁵
GDP growth	2014	Annual %	4.6 ⁶
Fragile state	2014	Status	Yes ⁷ (low income)
Governance (Mo Ibrahim index)	2014	Index/rank	51.1/25 ⁸
Variation of governance over 5 years	2014	Index	+3.9 ⁸
Human development index	2013	Index/rank	0.374/183 ⁹



Energy used (1 million toe = 11,65 MWh)

	Year	Unit	Value
Primary Energy – TPES	2013	Million toe	3.93
Primary Energy – Biomass	2013	Million toe	3.62
Primary Energy – Fossil	2013	Million toe	0.29
Primary Energy – Renewable (incl. hydro)	2013	Million toe	0.015
Primary Energy – Electricity import	2013	Million toe	0
Primary Energy – Net oil import	2013	Million toe	0.29
Final Energy – Total	2013	Million toe	1.56
Final Energy – Modern energy BLEN ¹⁰	2013	Million toe	0.0069
Final Energy – Electricity	2013	TWH	0.325



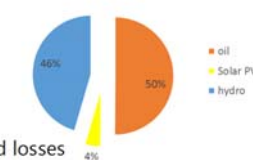
Electricity

	Year	Unit	Value
Peak demand	2013	MW	To be confirmed
Installed connected capacity	2013	MW	96.0 ¹²
Thermal installed capacity (fossil fuels)	2013	MW	37.5 ¹²
Hydro installed capacity	2013	MW	56.3 ¹²
Renewable installed capacity (excl. hydro)	2013	MW	2.25
IPP/installed capacity	2013	%	0
Electricity generation	2013	GWh	325.2
Electricity generation from fossil fuels	2013	GWh	163.0 ¹²
Electricity generation from hydro	2013	GWh	147.9 ¹²
Electricity generation from renewable (excl. hydro)	2013	GWh	14.3 ¹²
Electricity consumption including self-consumption and losses	2013	GWh	325.2
Average energy consumption/capita	2013	kWh per cap	51.5
Losses (total, technical and non-technical) as % of the production	2013	%	45
Losses (total, technical and non-technical)	2013	GWh	146
Imports (+) exports (-)	2013	GWh	0
Total electrification rate ¹¹	2013	%	12.5
Urban/rural electrification rate ¹¹	2013	%	4/16
HV lines	2013	km	202 ¹³
MV lines	2013	km	100 ¹⁴
LV lines	2013	km	To be confirmed
Renewable energy/total electricity generation	2013	%	49.9
Connections to low voltage grid	2013	Thousand	129.3
Average tariff/social	2013	US\$/kWh	To be confirmed
Ratio cost/tariff	2013	%	To be confirmed

Electricity Capacity MW 2013



Electricity Sources GWh 2013



1 <http://donnees.banquemondiale.org/indicateur/SP.POP.TOTL> ; 2 <http://data.worldbank.org/indicator/SP.POP.GROW> ; 3 <http://data.worldbank.org/indicator/AG.SRF.TOTL.K2> ;

4 <http://donnees.banquemondiale.org/indicateur/NY.GDP.MKTP.CD> ; <http://data.worldbank.org/indicator/NY.GDP.PCAP.PP.CD> ;

6 <http://donnees.banquemondiale.org/indicateur/NY.GDP.MKTP.KD.ZG> ; 7 <http://www.oecd.org/dac/infat/FSR-2014.pdf> ; <http://siteresources.worldbank.org/EXTLICUS/Resources/511777-1269623894864/HarmonizedlistoffragilestatesFY14.pdf> ; 8 <http://www.mohabrahimfoundation.org/interact/> (rank on 52 countries; rank 1 Mauritius 81.7; rank 52 Somalia 8.6);

9 <http://hdr.undp.org/en/countries/profiles/SLE> ; 10 BLEN comprises GPL, electricity, natural gas and biogas; 11 Calculated as population with access to an electricity source in their habitat compared to the entire population; 12 Ministry of Energy - Sustainable Energy for All (SE4ALL) - Action Agenda for Sierra Leone, Abidjan September 2015 <http://www.ecreee.org/node/85076>; 13 161KV between Bumbuna Hydro station and Freetown via Makeni Town; 14 33KV between Bo, Kenema and Dodo Hydro site..

Legal, regulatory and institutional framework

Energy policy	National Energy Policy of August 2009; Draft renewable Energy policy; Agenda for Prosperity (2013)
Energy law	The National Electricity Act of 2011; The Sierra Leone Electricity and Water Regulatory Commission Act of 2011; The Power generation act of 2006
Ministerial implementation decrees	To be confirmed
Electricity/energy regulator	The Electricity and Water Regulatory Commission (EWRC)
Operators in charge of electricity	The CLSG Transmission company (international company); The Electricity Generation and Transmission Company; The Electricity Distribution and Supply Authority; The Electricity Asset Unit
Institution in charge of rural electrification	Ministry of Energy / rural electrification unit
Institution in charge of renewable energy	Ministry of Energy / renewable energy unit
Institution in charge of energy conservation and energy efficiency	Ministry of Energy / energy efficiency unit
Energy objectives	By 2018: Increase installed capacity up to 1000 MW; all District Headquarter towns have electricity; By 2030: universal access to electricity; By 2020 (2030) 60% (100%) of light bulbs sold for on grid application will be energy efficient (CFL or LED); By 2020 (2030) 70% (100%) of light bulbs sold for off grid application will be energy efficient (mostly LED); By 2020 (2030) 85% (100%) of street lights will be energy efficient (HVS or LED).
Policy for energy purchase tariff	Power Purchase Agreement subject to approval of regulator
Policy for net metering	None
Public procurement procedures	To be confirmed
Unbundling of production/transport/distribution	Unbundling of Generation/Transmission and Distribution/supply in order to enable IPPs

Private sector and business environment

Institutions in charge of private sector promotion	Sierra Leone Investment and Export Promotion Agency (SLIEPA)
Incentives measures	Public Private Partnership Act 2014
Traditional subsidies	Petroleum products are subsidized
IPP (Independent power producer)	None but authorised and potential large role of mining sector in future IPPs
Public-Private partnership	Agreement GOSL with Addax bioenergy for 15 MW to be purchased by the grid, with Blueflare Power for construction of 1000 MW thermal power plants (phase 1: 125 MW in western area)
Business index	Ranked 140 out of 186 economies in 2015

International cooperation in the energy sector

Joint Declaration EU-Country	Signed on May 21, 2015 at the second UN SE4ALL forum in New York
Energy as focal sector in the 11th EDF	No
Donors present in the country	EU, WB, DFID, AfDB, IDB, UNIDO, China, EBID, EU, JICA, GIZ, USAID
Sectorial coordination mechanism	To be confirmed

Main concerns

- Overcome the Ebola crisis and improve health infrastructure
- Develop a National Electrification Scheme to provide 100% access to electricity by 2030
- Reduce technical and non-technical losses on the electric grid and improve the recovery rate
- Develop the use of modern energy for cooking and promote the use of energy efficient cook stoves
- Develop of the Mano River hydroelectric potential
- Define and co-ordinate investment programmes and funding
- Enhance capacity of newly created institutional entities, decision makers and technicians