



# Sierra leone electricity safety

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The Commission is often seen as "balancing" of interests of its stakeholders through the protection of consumers from unfair treatment by utilities, promotion of economic efficiency of the service providers/investors, and the monitoring of compliance to standards and regulations.

Corporate Affairs Commission Ministry of Energy SLIEPA Public Private Partnership Unit SALWACO EPA

22%[5]163rd (2020)ENERGY MIX OVERVIEW

## ELECTRICITY SECTOR OVERVIEW AND MODEL

**Power Sector Model:** Sierra Leone's electricity sector operates under a "Single-Buyer" model, which requires power produced by the Electricity Generation and Transmission Company (EGTC) to be sold and transmitted to the Electricity Distribution and Supply Authority (EDSA). The EDSA subsequently distributes power to the end-use consumers.[16]

**Utility Type Structure:** The National Electricity Act 2011[17] unbundled the vertically integrated National Power Authority into the Electricity Generation and Transmission Company (EGTC) and the Electricity Distribution and Supply Authority (EDSA). Furthermore, through the Electricity and Water Regulatory Act 2011, a regulatory body, the Sierra Leone Energy and Water Regulatory Commission was established.[18]

## VALUE CHAIN DYNAMICS/ADMINISTRATION

**Structure of the Value Chain:** The electricity value chain in Sierra Leone is divided into four operational segments: Generation, Transmission, Distribution and Retail.

### Electricity Market Dynamics

**Institutional and Market Structures:** The Sierra Leone Electricity and Water Regulatory Commission (SLEWRC) is the primary regulatory body of Sierra Leone's electricity sector. It regulates and oversees the sector. The electricity sector in Sierra Leone has been unbundled into different segments for generation, transmission, distribution, and retail. The National Power Authority was unbundled into the Electricity Generation and Transmission Company (EGTC) and the Electricity Distribution and Supply Authority (EDSA). The EDSA buys energy in bulk from the EGTC and IPPs and sells to consumers, hence, the market structure is considered open.[19]



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Key Stakeholders and Regulatory Agencies

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