

Energy Statistics Liberia

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OVERVIEW OF PRESENTATION

- Introduction
- Institutional Arrangement
- Legal Framework
- Assumptions
- Challenges
- Recommendations

Institution (s) compiles and publishes energy data

There are four institution responsible to compile and publish energy data.

- The Ministry of Mines and Energy (MME)
- Liberia Electricity Cooperation (LEC)
- Rural and Renewable Energy Agency (RREA)
- Liberia Institute of Statistics and Geo-Information Services (LISGIS)

Statistical Office Role in Energy Data Collection System

- LISGIS (Statistic Office) usually collect data on energy consumption (Household HIES, Economic, industry, and public institutions NEC & NAAS).
- Access to electricity using household data (HIES) Limited (1 in 6 HH) access to power was in 2016 (limited energy data)
- There has been no energy balance conducted with the DOE and LISGIS (IAEA had done exceptionally well in bring coordination fellowships etc) to have these implemented.

Regulations and Legal Energy Statistics development in Liberia?

Briefly:

- Adequate coordination in respect to data gathering.
- The National Policy of 2009.
- Liberia Sustainable Energy All (SE4ALL) Action Agenda plan Report 2015.
- Rural Electrification Master Plan for Liberia (2016).
- National Electricity Law 2015.
- (Legislation and data sharing needed)

When and how often (annually, monthly) Liberia compiles and publishes energy balance, in which format

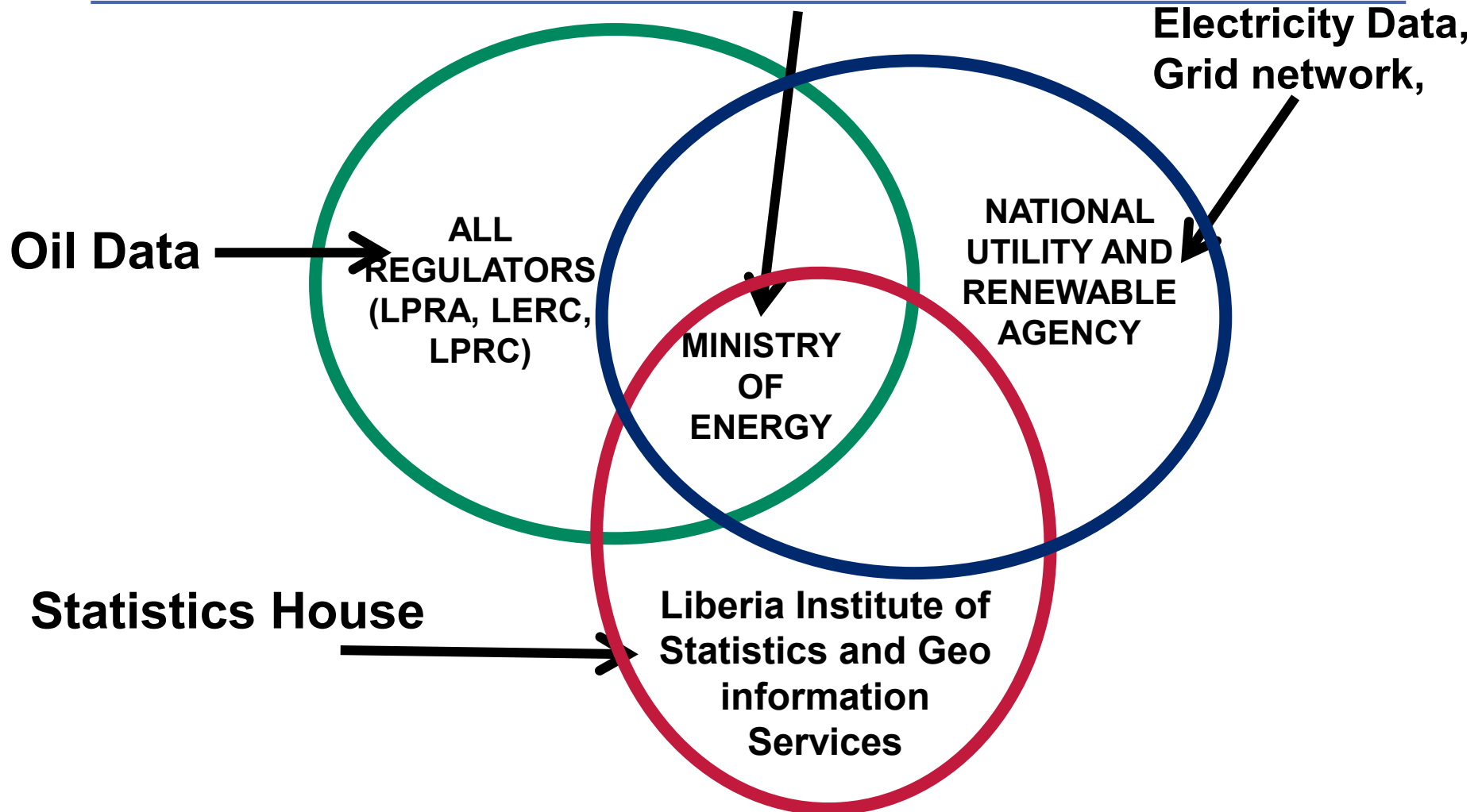
- The Department of Energy have not compiled nor published Energy Balance.
- LISGIS conducts National Census but data on energy was not reported sufficiently (HIES,NAAS,NEC)
- Annual electricity consumption is usually compiled by the Department of Energy:
 - Africa Energy Commission (AFREC) (August - December)
 - ECOWAS (ECREEE) (August)
 - SE4ALL (August)

Considering Other energy statistics Report:

- There is no coal available in Liberia
- Periodic Oil Data collection is done by the Petroleum Storage Company.
- Oil and Electricity Data are also compiled by administrative data/ Reporting system.
- Routine oil data information are usually sent to the African Energy Commission (AFREC) based on availability.
- Whilst ,other Electricity data are frequently sent to ECOWAS (ECREEE).

Institutional Arrangement

Sector oversight and Policy (Energy Balance)



Recent Activities on Energy Data: Currently

- Training on energy data collection – Africa Energy Commission
- TOT Training on energy Management
- Training on EBS, MAED, Message by the IAEA ongoing.

Challenges to Energy Data Collection

- Lack of information on energy from related institutions;
- Lack of Budgetary support for Data Collection in the DOE & as well as Statistics House and Utility Company;
- Inadequate skilled technical personnel to drive data collection;
- Unwillingness of respondents to participate in Energy surveys;
- Scarcity of energy information for local & regional reporting on Liberia;
- Little or no understanding of respondents on the subject matter;

Recommendation

- Support to Establish the Energy Information Database
- Development of a Energy Balance for Liberia with regular update
- The Need for additional training to enhance data collection, availability, processing and also improved reporting mechanism.
- Assumptions data are sometimes awesome but not realistic for policy making for long term.
- Energy Data should be alien with SDG indicators in accordance with international standards.
- What, How and when to collect energy data need considerations
- Periodic updating to meet international standards is necessary.

Additional remarks

The concept of the workshop has been very useful.

There is a need for More training in term of energy balance and other tools to enable Liberia get parallel with other countries.

To set up an effective energy data unit in the department of Energy and Statistics House.

THEREFORE: NATIONAL ENERGY DATA COLLECTION IS NECESSARY

The current available link to data:

- www.ecreee.org/page/publications

Energy Data and Energy Balance

Energy Data Management is a Big Picture



THANK YOU!