



State of Rural Electrification Liberia

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Institut de l'énergie et de l'environnement
de la Francophonie
IEPF





Institutional and regulatory framework

- Total population: 3.5 million and rural population 63%
- Ratios on the rural electrification status:
 - Electrification rate: (5% - private or self generated)
 - Situation in 2000 (0%) and 2010 (1%) and Objective for 2015 (15%)
 - Access rate (5%)
 - Situation in 2000 (0%) and 2010 (1%) and Objective for 2015 (15%)
 - Penetration rate percentage of households having actual access to electricity in electricity-supplied areas)
 - Situation in 2000 (0%) and 2010 (3%) and objective for 2015 (15%)



Institutional and regulatory framework

- Institution in charge of rural electrification :
 - Liberia Electricity Corporation (LEC), created by law in 1973.
 - Rural & Renewable Energy Agency (RREA) created by Executive order in 2010
- Opening to the private sector : yes



Rural power systems

- Installed production capacity for RE
 - Number of units: 1; MW accumulated : 4 (small hydro);
>30 small solar PV systems totalling 0.125 MW
accumulated for public facilities such as health.
Education. Local government buildings, etc.
 - Technological Options: small hydro and solar PV
- Consumption :
 - Number of subscribers : 13,000 LV / MV / others (N/A)
 - Peak load
- Number of operators :
 - Within production (0)
 - Within distribution (0)



Financing framework

- Current rates applied : US\$0.57 per kWh
 - Average rate and for subscriber's category (N/A)
 - If compensation mechanism, explain (None)
- Financing mechanism of the sector :
 - National resources:
 - National Budget (YES)
 - Royalties rate on kWh (N/A)
 - Donors
 - Norway, World Bank, EU, USAID, KfW, AfDB, EIB, etc.
 - Amount (25 - 50 M€)



Thank You



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