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Mini-Grid Concessions in Africa: Preliminary Findings

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TECH STANDARDS

- COST
- STANDARDS LEVEL FOR MGs
- METERING
- BILLING
- EQUIPMENT STD & SPECS
- LV SMALL MG INTERCONNECT
- WHO PAYS FOR THE HIGH COST of the MG
- DC INTERCONNECT
- MG Voltage Levels
- STORAGE & GEN
- QSSPEC
- STRUCTURES
- STDS
- DESIGN GUIDELINES
Kenya as case study: Barriers typical for mini-grid deployment

Barriers

- Load curves and customer demand that can often not be predicted
- Regulatory framework that hinders free tariff setting
- Uniform tariff and single utility model that discourage private sector
- A banking sector that is not prepared for small-scale high-risk projects
SUMMARY

PS NJORORGE presented a commitment and the challenge:

How to attract private sector to mini-grid development and financing while meeting the government’s goal of social equity with uniform tariff system in place for national grid