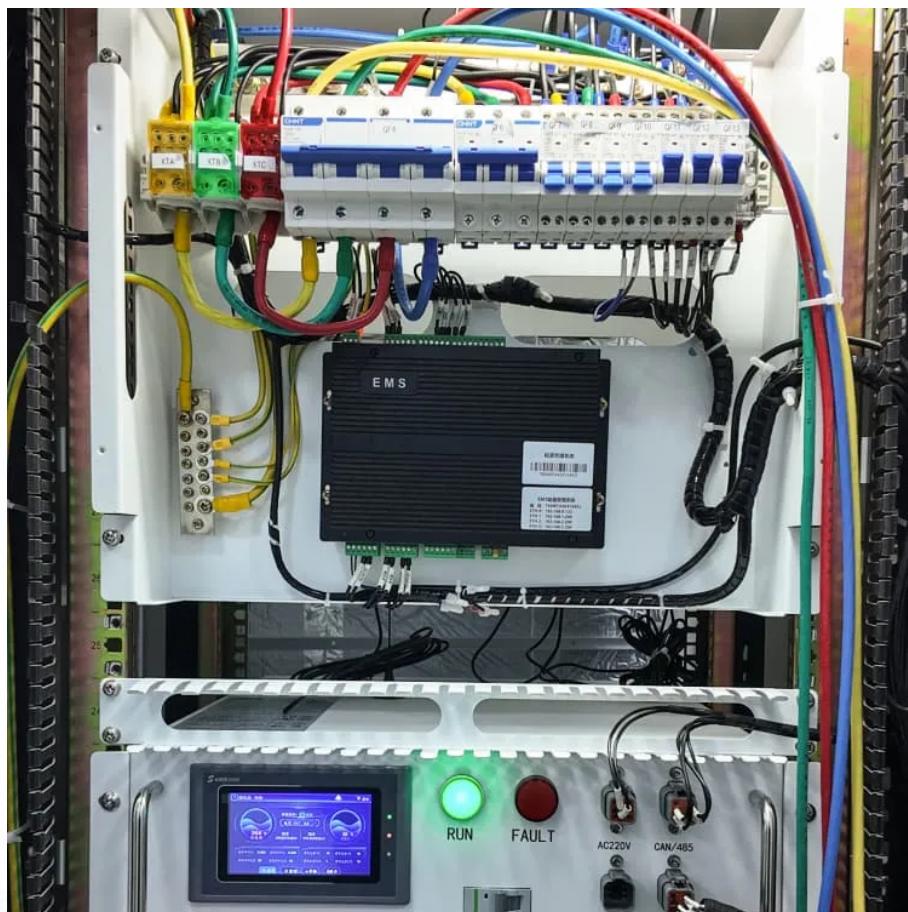




BUHLE POWER

Gambia Outdoor Power Installation





Overview

How is electricity produced in the Gambia?

In the Gambia, electricity is produced using fossil fuels. The electricity grid comprises the main Banjul grid and six regional grids, with a total installed capacity of 4 MW. Six regional power projects were commissioned as part of a Rural Electrification Project in 2006.

What is the total installed capacity of electricity in the Gambia?

The total installed capacity of electricity in the Gambia raised to 4 MW in 2006, as part of a Rural Electrification Project. The Gambia is produced using fossil fuels (IRENA, 2013). The electricity grid comprises the main Banjul grid and six regional grids.

What is the Rural Electrification Project (REP) in Gambia?

The Rural Electrification Project (REP) in Gambia aims to provide electricity to rural areas. Phase 1 of the project, concluded in 2007, resulted in the commissioning of seven production centers that provide electricity to 46 villages and towns. Phase 2 aims to connect an additional 44 villages.

How much electricity does Gambia need per household?

Estimated daily electricity demand per household in Gambia is 0.8--0.9 kWh. This demand results from daily operation of two compact fluorescent lights (CFLs) or light emitting diodes (LEDs), one radio, and one mobile phone charger.



Gambia Outdoor Power Installation



RURAL ELECTRIFICATION WITH RENEWABLE ENERGY IN ...

Technical Oversight and GuidanceLead AuthorContributorsReviewersAcknowledgementsDesign Marcel AlersHonorable Pa Ousman JarjuAbbreviations and AcronymsNCC NDA O & M OP PAGE PPA PPP PURA PV RBF RE RE-CEC REDD-plus RE-DIS REF RE-IPP RE-MG REMP REP RPZ SD SMME tCO2/MWh UEMOA UNDP UNFCCC UNIDO US\$1.3 Opportunities for a NAMA in Rural Electrification with Renewable Energy2 Rural Electrification in The Gambia2.5 Key Stakeholders2.5.1 The Ofice of the President2.5.2 The Ministry of Finance and Economic Afairs2.5.4 The Ministry of Environment, Climate Change, Water Resources, Parks and Wildlife3 Policy Analysis3.1.2 Recommendations3.2.1 Gaps3.2.2 Recommendations3.3.1 Gaps3.4 The Renewable Energy Act, 20133.5.1 Gaps3.5.2 Recommendations3.6.2 Recommendations4 NAMA Baseline and TargetsActivityOutput5 NAMA Ventures5.1 Two-phase Implementation Plan5.2.1 Design components5.2.3 Renewable Energy Micro-Grids5.4 Venture Business Models for Rural Electrification and Grid Electrification5.4.1 Public Private Partnership6.1.1 Institutional6.1.1.1 Revision of Regulations and Policies6.1.1.2 Document Templates6.1.2 Training6.1.2.1 NAMA Coordinating Authority Staf6.1.2.2 Trustee and Financial Institutions6.1.2.3 PPP partners6.1.2.4 Private sector6.1.3 Marketing7.3.1 The Distinction between National and International Finance20National FinanceInternational Finance7.4.1 Government Allocations7.5.1 Direct Investment Grants7.5.2 Renewable Energy FundInternational Finance Options7.5.3 Renewable Energy Loan Facility8 NAMA Implementation Structure8.1 NAMA Stakeholders8.1.1 Governance Bodies8.1.1.1 NAMA Approval Committee8.1.1.2 NAMA Coordinating Authority8.1.1.3 NAMA Venture Approval Expert Group8.1.1.4 Trustee8.1.1.5



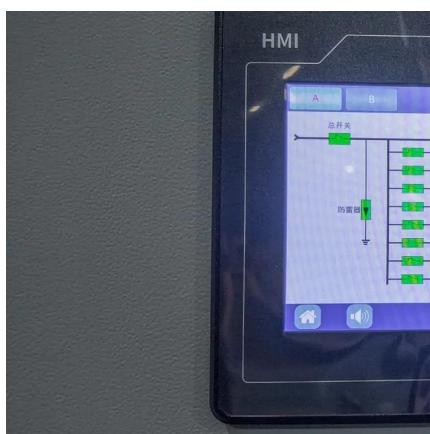
Other
8.1.2 Implementation Entities
8.1.2.1 ESPs
8.1.2.2 Contractors and Consultants
9 Measurement, Reporting and Verification
9.1 Measurement
9.1.3 Support
9.1.4 Transformative Change
International Financiers
9.2.2 Reporting Forms
10 Conclusion
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