

## ContainerPower Energy Solutions

# Liberia Communication Base Station Power Supply Project



## Overview

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The Monrovia Consolation of Electricity project is funded by the European Union (EU), and it is expected to expand and increase access to electricity to 38,000 new users in areas covering Central Mon.

Will Liberia's accelerated electricity expansion project be completed by 2022?

These donor-funded projects including the on-going World Bank-financed Liberia Accelerated Electricity Expansion Project (LACEEP, P133445), when completed by 2022, would increase the total grid electricity access to 19 percent (57 percent for Monrovia and 4 percent rural coverage).

Does Liberia have electricity?

Most of Liberia's public institutions and health facilities have no access to electricity, and for the few that are connected, supply is unreliable and of poor quality. Of the about 836 health facilities in Liberia (38 hospitals, 61 health centers and 736 clinics), only about 40 have grid electricity mostly in Monrovia.

How much energy does Liberia need?

Liberia currently has adequate generating capacity to meet its short to medium term needs. With the support of development partners, the Mt Coffee Hydropower Plant (88 MW), three heavy fuel oil (HFO) thermal plants (38 MW) (which are cheaper alternatives to HSDG), and 16200m<sup>3</sup> of HFO storage and transport facilities have been completed.

How can Liberia accelerate productivity growth & employment creation?

Sustainably accelerating productivity growth and employment creation in Liberia will require: (i) upgrading the country's existing production and export base; and (ii) building institutions to broaden the country's endowments, strengthen competitiveness, and expand opportunities for productivity-driven private-sector-led growth<sup>1</sup>.

What is a geospatial analysis in Liberia?

The geospatial analysis underpinning the strategy included gathering various geospatial datasets for major roads, towns and populations centers, administrative boundaries and bodies of water (lakes, rivers etc). Using publicly available satellite imagery data, all rooftops across Liberia were digitized and uploaded into the geospatial platform.

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