



Benin
Power Compact

BENIN II POWER SECTOR COMPACT

USG: \$375 M
GoB: \$28M



REFORM & INSTITUTIONAL
STRENGTHENING (\$41m)



GENERATION (\$135m)



DISTRIBUTION (\$109m)



OFF-GRID ACCESS (\$45m)



POLICY REFORM & INSTITUTIONAL STRENGTHENING

POLICY, REGULATION, & INSTITUTIONAL SUPPORT

- REGULATION & TARIFFS
- POLICY STUDIES
- IPP FRAMEWORK & ADVISOR
- ENERGY EFFICIENCY

UTILITY STRENGTHENING

- GOVERNANCE & MANAGEMENT
- FINANCIAL MANAGEMENT
- MAINTENANCE MANAGEMENT

PUBLIC INFORMATION & EDUCATION



OFF-GRID ELECTRICITY ACCESS

- ☀️ The \$40 MM Off-Grid Clean Energy Facility (“OCEF”) Activity will **increase access to electricity** for the currently unconnected majority of the population in rural and peri-urban areas by removing initial cost and investment barriers in the off-grid electricity sector.
- ☀️ OCEF will seek to **leverage MCC Funding through partnerships with private companies, NGOs, communities** or other entities that demonstrate viable off-grid, clean energy solutions for Benin.

Establishment of OCEF and grants in four windows:

- ☀️ **Critical public infrastructure** to provide standalone electricity generation capability;
- ☀️ **Community and commune-level** electricity generation and distribution such as **mini-grids** providing electricity generation and distribution for **household and productive uses** such as commercial, agricultural and industrial use;
- ☀️ **Household energy services**, such as renewable energy devices for individual families; and
- ☀️ **Energy efficiency** measures for buildings, facilities, and installations.



SOLAR GENERATION

- ☀ Estimated 5 MW PV power plant at Natitingou
- ☀ Estimated 10 MW PV power plant at Djougou;
- ☀ Estimated 15 MW PV power plant at Parakou;
- ☀ Estimated 15 MW PV power plant at Bohicon;
- ☀ Preparation of engineering designs for PV plants at each of the sites in Onigbolo (estimated at 35 MW) and Bembéréké (estimated at 2 MW) – Potential IPP opportunities

Development and construction of each PV plant includes:

- ☀ Project preparation (site acquisition, permitting, environmental and social mitigation including resettlement compensation (to the extent necessary));
- ☀ Acquisition, installation and commissioning of the plant consisting of PV panels, mounting system, inverters, monitoring system and grid connections
- ☀ Associated civil, mechanical and electrical construction works; and
- ☀ Engineering design, supervision and warranties.