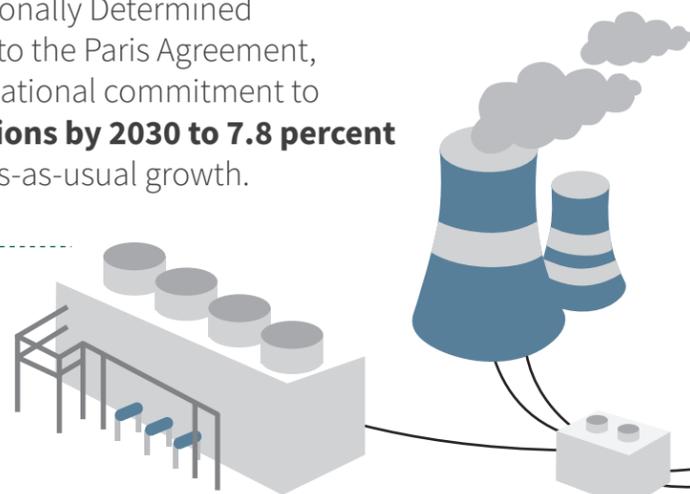


ENERGY GENERATION, DISTRIBUTION, AND TRANSMISSION

Securing national commitments

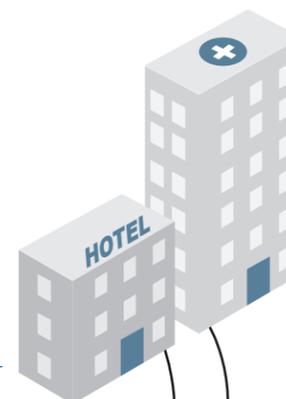
USAID supported development of Jamaica's Nationally Determined Contributions to the Paris Agreement, resulting in a national commitment to **reduce emissions by 2030 to 7.8 percent** below business-as-usual growth.



ENERGY EFFICIENCY

Creating an energy efficiency (EE) benchmarking tool

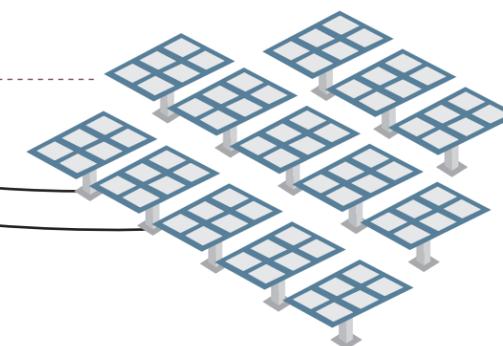
Designed to help hoteliers and health practitioners **reduce electrical consumption and save money**, this free tool identifies low and no-cost EE options that lower operating costs. USAID trained 83 hoteliers, project developers and financiers in using the tool.



RENEWABLE ENERGY

Commissioning Jamaica's largest solar project

USAID supported the development of Jamaica's **largest solar energy power plant, the Eight Rivers Project**. The 37 MW grid-tied plant will provide the most cost-effective source of renewable energy at 8.5¢/kWh.



Transforming the legal framework

With the Office of Utilities Regulation, USAID developed five clear and comprehensive grid codes to enhance electricity sector operations and level the playing field for licensees. The codes provide a **roadmap for an efficient, safe, transparent and reliable Jamaican electric power system**.

5 Grid Codes

- ① Electricity Generation
 - ② Transmission
 - ③ Distribution
 - ④ Dispatch
 - ⑤ Supply
- 

Establishing and building relationships to create Jamaica's Second National Energy Action Plan (NEAP), reducing the cost of energy

through prioritizing projects for modern infrastructure, renewable energy generation and energy efficiency. USAID convened 31 government and non-government stakeholders in a collaborative process to develop the NEAP.

Greening the grid

Established the Caribbean Smart Grid Working Group, a platform facilitating collaboration to **transition power grids into smart grids**, nationally and regionally. The group supports Caribbean countries' Paris COP 21 commitment for renewables to account for **78 percent of new power generation investments by 2030**.

Reducing emissions coupled with economic growth

Laid the foundation for the **increased transportation efficiency** and the wider adoption of electric vehicles (EVs), including a roadmap for Jamaica to introduce EVs into the government and private vehicle fleets on a pilot basis.

