

# Jamaica

## Energy Security and Efficiency Enhancement

### Green Bond Criteria: Mitigation

To increase energy efficiency and security through the implementation of the borrower's national energy policy.

### Expected Results include:

- Gas and renewable energy use increased above its baseline 5% share of the energy matrix (at project inception).
- US\$9/MWh reduction (from US\$21/MWh to US\$12/MWh) in the cost of electricity generation.

### IBRD Loan Amount:

US\$15 million



© Jim Pickerell/World Bank

### Country Challenge

Jamaica's energy sector is characterized by high costs and very high dependence on imported petroleum products (primarily diesel oil and heavy fuel oil for power generation). It is estimated that an additional generation capacity of approximately 500 MW will be needed by Jamaica over the next five years to meet anticipated increases in demand and the retirement of old and inefficient units.

### Project Goals

The project supports investment promotion measures (e.g., studies, regulations) for greater participation of renewable energy and gas-based generation in Jamaica's energy mix and development of standards and labeling for energy efficient appliances and air conditioning.

### For more information:

<http://www.worldbank.org/projects/P112780/jamaica-energy-security-efficiency-enhancement-project?lang=en>