



Nassau office energy storage

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The Davis administration will enter into a partnership with Island Grid for the modernization of the country's electricity grid and transmission and distribution network on New Providence, Minister of Energy and Transport JoBeth Coleby-Davis announced yesterday.

The government will also implement the use of liquefied natural gas (LNG) on New Providence, which will be purchased from Shell, said Coleby-Davis during a ceremony at the Office of the Prime Minister to announce the government's long awaited details for the energy sector.

In addition to the partnership between Bahamas Power and Light (BPL) and Island Grid and the implementation of LNG on New Providence, the government's plan includes the building of utility-scale solar power in the Family Islands; the expansion of solar projects on New Providence; and an equity rate adjustment, the minister said.

"The partnership with Island Grid will extend the infrastructure capabilities beyond what BPL alone can do by bringing in a generation and T& D (transmission and distribution) expert to pursue much-needed upgrades," she said.

"It is important to share that Island Grid has over 60 years" experience in delivering best in class energy infrastructure. The company's projects included work on Walkers Cay, Grand Cayman, Grand Bahama, and Puerto Rico.

"The T& D agreement will improve reliability on New Providence. The T& D work is designed to improve reliability along several dimensions: the addition of a new switching station and a new transmission line and proper looping of the system, reconductoring work, substation protection upgrades and targeted distribution protection schemes and voltage regulation. These are foundational to the reliable operation of any T& D system and are currently in urgent need of attention.

"To maintain international standards and engineering oversight, ECF Consulting has been engaged as the owner's engineer. ECF, on behalf of the Bahamian people, will independently oversee all projects to completion, coordinating between various stakeholders, including contractors, suppliers, and regulatory authorities."

"Finally, BPL is not well positioned to complement the country's growth projections for the next five to 10 years as generation projections call for 340MW of power needed for New Providence and 100MW for the Family Islands."

"The bulk purchase of LNG will be sourced from Shell. Other partners in the LNG implementation will



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include Bahamas Utility Company (BUC), as the independent power producer under a power purchase agreement.

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