



# Utility-scale solar nassau

## Utility-scale solar nassau

Bahamas Power and Light (BPL) needs to install about 60 megawatts of new power over the next three years, and has planned for a utility scale solar power plant, scheduled for development next year, that will provide the first 25 megawatts, the power company's Chief Executive Officer Shevonn Cambridge said yesterday.

Cambridge, who was a speaker at the Utilities Regulation and Competition Authority's Digital Transformation Forum, said the implementation of that first 25 megawatts will result in a \$0.02 decrease in the fuel charge.

"And this current solution will allow us to provide them with more resilient, stable, affordable power. We see this as a win-win situation for us and for the consumers in North Andros."

Cambridge called on consumers to do their part to move away from fossil fuels for power production by installing their own solar grids, though he explained that these small-scale solar projects do not go far enough to bring the country close to its goal of having 30 percent renewable energy production penetration by 2030, as stated by the government.

He said there needs to be more utility scale projects like the one BPL plans to embark on in 2024. He added that the power needs of BPL consumers increased eight percent this year, which was five percent more than was anticipated by the utility.

Cambridge contended that if the uptake of electric vehicles continues the way it has in the country, there could be a 20 percent increase in electricity supply needs by 2025. He therefore implored electric vehicle car owners, and hotels that may eventually consider installing charging stations to service rental vehicles, to implement a solar solution to take the strain off of the grid.

FREEPORT, Grand Bahama - The Grand Bahama Port Authority, Limited (GBPA), along with the Grand Bahama Power Company (GBPC), Lucayas Solar Power LTD.(LSP) and the Inter-American Development Bank., held the official contract signing for the country's first utility scale solar plant on March 16, 2023.

Construction on the \$15 million, 9.5-megawatt solar plants at Devon (4.5MW) and Fairfield (5MW) are scheduled to begin this month, with an estimated 80 jobs projected during the peak of construction.

"We have been working with the GBPC, Lucayas Solar Power and its investors on this deal for quite some time," Newbold commented. "Of course, we had to contend with a myriad of challenges stemming from a catastrophic hurricane and global pandemic, which created a level of economic uncertainty. Nonetheless, this undertaking highlights the fact that we have committed equity partners who are fully invested in the success of this project and the transformational impact it will have on the electricity sector in Grand Bahama."



## Utility-scale solar nassau

"This project is innovative on several fronts," Marquez said. "We will be employing the latest in generation control, monitoring and remote security systems and, with the help of IDB-Invest, we will be implementing a gender program to include women in the construction phase."

According to Marquez, 70 percent of the solar plant's design and engineering is currently being led by women. Taking into consideration lessons learned from Hurricane Dorian and previous storms, he added that they will be using top-quality equipment and materials developed for extreme weather conditions, including solar panels that will be 67 percent more resistant to the force of winds than standard panels.

The two plants located at Devon and Fairfield are slated to be completed by Q1 2024 and will be an Independent Power Producer (IPP) to GBPC by way of a direct tie-in to the existing power grid.

Contact us for free full report

Web: <https://www.hollanddutchtours.nl/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

