

Manufacturing energy storage nassau

W¨rtil¨ will supply a 25 MW / 27 MWh advanced energy storage system for BPL to significantly improve generation efficiency and system reliability for the grid in the Bahamas. © W¨rtil¨ Corporation

The order comprises 27 units of W¨rtil¨ GridSolv Quantum energy modular storage system. The installation will be located at the Bluehills Power Station and will be carried out by W¨rtil¨ under a full engineering, procurement, and construction (EPC) contract. The system is anticipated to be fully operational by mid-2022.

BPL’s CEO Whitney Heastie said: “W¨rtil¨ won the bid with a solution that will greatly assist BPL in the process of improving system reliability and service quality. In addition, we believe this energy storage solution will help us as we work to continue our reduction of operational costs on the island.”

“The path to a decarbonised future on islands pairs flexibility solutions - advanced energy storage technology and balancing thermal generation - for optimised operations and grid reliability. Storage enables this system efficiency, while at the same time opening the door to future cost savings through the integration of additional renewables into the system. It is through this smart optimisation that renewable targets become a reality," commented Risto Paldanius, Vice President, Americas at W¨rtil¨ Energy.

The W¨rtil¨ energy storage system will deliver notable benefits via spinning reserve support for the existing engine generating sets. This application will enable the engines to be run optimally, thereby reducing the overall fuel consumption, lessening exhaust emissions, and effectively lowering engine maintenance costs. At the same time, the energy storage system adds capacity, lowers operating costs, and stabilises the grid.



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