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HOUSTON, June 21, 2021 /PRNewswire/ -- Honeywell (Nasdaq: HON) announced today its Battery Energy Storage System (BESS) Platform, which integrates Honeywell asset monitoring, distributed energy resource management, supervisory control and analytics functionality to enable organizations to accurately forecast and optimize their overall energy use.

Honeywell's BESS Platform leverages best practices for energy management such as energy arbitrage and demand management to deliver flexibility and control of when energy is purchased and used. The platform is ideal for a wide range of commercial and industrial companies, independent power producers and utilities. The BESS Platform is backed by Honeywell performance-based guarantees, which include predictable and consistent costs along with improved uptime.

"Honeywell has delivered large, turnkey automation and control projects around the world," said Eren Ergin, general manager, Renewables and Distributed Assets, Honeywell Process Solutions. "We're delivering Renewables and Distributed Assets projects such as our Battery Energy Storage System Platform with a similar turnkey approach. From the physical storage assets to the automation software being utilized, customers can benefit from Honeywell performance-based guarantees."

Honeywell's BESS Platform improves grid stability and sustainability while decreasing supply costs. If a generator fails or goes offline for any reason, the platform reduces the need to bring additional, non-renewable power generators online. In this scenario, a remote facility can maintain operations as the platform runs in parallel with traditional generators. The system can then restart the disconnected generator or initiate back-up generator sets before returning to standby mode.

In addition, the BESS Platform can reduce the need for non-renewable power sources such as gas turbines and diesel generators and their associated high gas consumption rates, contributing to a smaller carbon footprint.

Honeywell () is a Fortune 100 technology company that delivers industry-specific solutions that include aerospace products and services; control technologies for buildings and industry; and performance materials globally. Our technologies help aircraft, buildings, manufacturing plants, supply chains, and workers become more connected to make our world smarter, safer, and more sustainable. For more news and information on Honeywell, please visit

ORLANDO, Fla., June 19, 2023 /PRNewswire/ -- Honeywell today announced Honeywell Ionic(TM), a compact, end-to-end modular battery energy storage system (BESS) and energy management tool that offers improved energy density compared to what's currently available on the market, while delivering a significant reduction of installations costs.



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Installed with lithium-ion battery cells, the design emphasizes flexibility and futureproofing. Honeywell Ionic includes Honeywell's Experion(R) Energy Control System and a chemistry-agnostic Battery Management System (BMS). Experion helps users to manage and optimize energy use by improving uptime, enabling peak shaving and providing the ability to create a Virtual Power Plant. The BMS provides insight into performance at the cell level, and is configurable with advances in battery chemistry, insulating the end user from future supply-chain risks.

Honeywell Ionic BESS also offers a sophisticated set of safety capabilities, including three layers of the latest generation BMS Systems (BMS) ensuring battery health and system safety. Additionally, it can be configured with Li-Ion Tamer, which further improves the safety of Li-ion batteries, sensing thermal runaway before it occurs.

"Honeywell Ionic is designed to be an efficient and versatile component of customers' energy transition," said Chad Briggs, vice president and general manager of Projects and Automation Solutions at Honeywell Process Solutions. "Honeywell is developing battery energy storage solutions that help companies maximize their renewable energy resources and achieve their corporate sustainability goals."

Honeywell Ionic is a single, complete solution for commercial and industrial customers as well as independent power producers who are looking to optimize energy costs, store back-up power, and reduce their carbon footprint. It's also applicable for front-of-meter users who are seeking to simplify the installation process and reduce installation costs.

Honeywell Ionic will add to Honeywell's current containerized solutions (the 20-foot and 40-foot containerized BESS). For more information, please visit: <https://process.honeywell/us/en/industries/renewable-and-energy-storage-solutions/bess>.

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