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Ørsted to Build Co-Located Battery Storage with Hornsea 3 Offshore Wind Farm

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Ørsted, a global leader in renewable energy, has announced plans to build a battery energy storage system (BESS) co-located with its Hornsea 3 Offshore Wind Farm onshore substation. The project, dubbed Boudica, is a pioneering initiative that will optimize the integration of renewable energy into the UK's electricity grid.

The co-location of the BESS with the onshore substation will enable the efficient storage and utilization of excess renewable energy generated by the wind farm. By sharing infrastructure and optimizing operations, Ørsted aims to maximize the value of the renewable energy produced.

Boudica is expected to come online in 2026, providing a significant boost to the UK's energy storage capacity. This project demonstrates Ørsted's commitment to driving the energy transition and accelerating the adoption of clean energy solutions.

John Twomey, Director of Customer Connections at National Grid Electricity Transmission, highlighted the benefits of co-locating energy storage with renewable generation: "Co-locating assets in this way can help maximize the benefits of new renewable generation planning to connect to the electricity network, ensuring excess wind power can be stored and used when needed."

By combining renewable energy generation with advanced energy storage solutions, Ørsted is paving the way for a more sustainable and resilient energy future.