

Combined solar plant and battery storage project: Aquila Clean Energy finalises Ammerland II solar park in Lower Saxony, Germany

- One of the first co-location projects in Germany with a solar park and a battery storage system in operation
- The approach balances out fluctuating production volumes of renewable energies and ensures greater security of supply
- Pioneering projects of this kind play a key role in the energy transition

Hamburg, 14. Dezember 2023 – Aquila Clean Energy EMEA, the European clean energy platform of the Aquila Group, has completed one of Germany's first co-location projects that combines a solar park with a battery energy storage system (BESS). Aquila Clean Energy was responsible for the development, design and construction of the plant and the battery storage system was supplied by INTILION. The solar park has been feeding electricity into the grid since August, thereby supporting local grid capacities.

The Ammerland II solar park has a production capacity of 8.2 MWp and an additional 3.2 MW/6.9 MWh battery storage system. The park produces enough solar power to supply 3,500 households. By combining a solar park with a battery storage system, electricity can be stored in phases when production is higher than consumption and fed back into the grid when it is needed later. This means that solar power can also be utilised at night, for example. The size of the battery storage system makes it possible to store the electricity requirements of around 7,000 households for two hours. In addition, by feeding in balancing energy, Ammerland II helps to keep the electricity grid stable even if there are deviations from the forecast electricity consumption. This minimises balancing energy risks and increases grid stability. Technological solutions such as Ammerland II play a key role

when it comes to implementing the energy transition and ensuring security of supply at all times with renewable energies.

Kilian Leykam, Director Energy Storage Systems at Aquila Clean Energy, comments: "The importance of co-location projects is constantly increasing. This is because the combination of renewable energies with battery storage systems leads to optimised use of the electricity grid and better grid stability. Plants of this type are essential to accelerate the expansion of solar and wind and have great potential to speed up the energy transition in Germany and Europe. Projects such as Ammerland II are therefore an ideal addition to our portfolio in the field of renewable energies and battery storage in Europe."

About Aquila Clean Energy

Aquila Clean Energy EMEA is Aquila Group's clean energy platform in Europe. Aquila Clean Energy develops, realises and operates clean energy assets using the technologies of solar, wind and battery storage. Currently, Aquila Clean Energy manages a portfolio with a total capacity of around 11 GW.

With a local approach and through local teams of experts, Aquila Clean Energy initiates, develops, realises and operates what it identifies as essential assets along the entire value chain and over the lifetimes of the assets. Aquila Clean Energy has built a permanent presence in seven countries with over 250 employees, believing that local, on-site management teams are key to the company's operations.

Aquila Clean Energy is part of Aquila Group, an investment and asset development company focused on generating and managing essential assets on behalf of its clients. Currently, Aquila Group manages assets worth EUR 14.7 billion on behalf of institutional investors worldwide. The company has been committed to climate change for more than fifteen years. Sustainability has always been part of our value system and is an integral part of our investment strategies, processes and asset management.

Further information: <https://www.aquila-clean-energy.com/>

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