

Company statement

Termination of energy storage project in Rødby

Copenhagen, 6 October 2023.

The companies Andel and Stiesdal have decided to terminate the planned construction of an energy storage facility in Rødby.

The Rødby energy storage facility was intended to demonstrate the potential of electric energy storage for the backup of wind and solar power during periods of low production. The project would apply Stiesdal's GridScale technology that can store electricity effectively from 10 hours to 10 days. This is much longer duration than applied with lithium battery storage, which typically only delivers stored electricity cost-effectively for 4-6 hours.

The primary reason for halting the project is that at the present time there is no demand for longer-duration energy storage in the European electricity markets. This lack of demand affects the prospects for industrialization and scaling of the GridScale technology. Demonstrating the technology may change this situation, but not in the near term.

The Rødby energy storage project was already put on hold in March 2022 due to supply shortages and rising commodity prices caused by the conflict in Ukraine. Andel and Stiesdal have used the 18-month period since the temporary halt in 2022 to review the market prospects prior to re-starting the project. The two companies have jointly come to the conclusion that the market conditions do not justify the effort in building the demonstration project.

As an additional factor, the increasing importance of hydrogen in the near future clean energy mix also played a role in the decision. Low cost green hydrogen has the potential to solve much of society's need for clean energy storage.

Stiesdal experiences continued interest in the GridScale technology from other global markets and continues discussions about the technology with international partners.

Despite the termination of the project in Rødby, both Andel and Stiesdal persist in their efforts to develop sustainable energy solutions, and the collaboration between Andel and Stiesdal continues in other fields of the energy transition. One such field is that of green hydrogen production where Stiesdal supplies electrolyzers to Andel.

For additional information, please contact:

Kristian Strøbech, Communications Manager, Stiesdal
kst@stiesdal.com