

# Skovgaard Energy and Danske Commodities sign agreement for the world's first dynamic Power-to-X facility

*Denmark, 26 March 2026.* Energy developer Skovgaard Energy and energy trader Danske Commodities announced today that they have signed a balancing agreement for Ramme site with the Power-to-Ammonia Facility ("REDDAP"). REDDAP is the world's first dynamic Power-to-X and supplies green fuel, produced by wind and solar energy to shipping and agriculture.

Skovgaard Energy has selected Danske Commodities as its balancing partner for the Ramme site comprising a hybrid wind and PV park powering the REDDAP, via direct line. The plant is located in the small town of Ramme, in the western part of Denmark.

REDDAP is the world's first dynamic Power-to-X facility. The facility harnesses the excess power from wind and solar energy by converting it into liquid CO<sub>2</sub>-neutral green ammonia that can substitute fossil-based ammonia used for agriculture and become a green fuel for shipping.

As the first of its kind, REDDAP demonstrates a dynamic approach, meaning it adapts to the natural fluctuations in energy production from renewable sources in interaction with electrolysis and ammonia synthesis. This ensures optimal output and utilisation of the wind turbines and PV park resulting in improved cost efficiency of green ammonia. The dynamic approach is important as it optimises operations and reduces the need for costly storage solutions for green hydrogen or renewable energy.

REDDAP demonstrates a technology that can support balancing of the power grid while storing energy in the form of green ammonia. This will allow for further renewable power into the power grid in a balanced manner and ultimately obtain a 100% green and 100% stable power grid. Understanding the power grid and the usage of the dynamic Power-to-Ammonia is demanding but crucial, which is why this partnership is formed.

"We are happy that Danske Commodities has shown a great spirit of collaboration in acting as BRP for REDDAP. Danske Commodities will provide important knowledge of the market and in collaboration with green.ai/asset Energy Management Software secure a full optimization across the different technologies on-site, taking care of both the grid and the business," said Peder i Dali, Business Development Manager at Skovgaard Energy.

Danske Commodities will optimise the facility's power consumption from six wind turbines and a 50 MW solar park.

"We are proud that Skovgaard Energy has chosen Danske Commodities as its balancing partner. Utilising 20 years of power trading experience and a fully automated algorithmic setup, Danske Commodities has become a leading optimiser of renewables and flexible energy assets, and we look forward to help optimise the production of green fuel from renewable energy", said Jakob Krogshave Laursen, Head of Flexible Asset Solutions at Danske Commodities.

REDDAP produced its first delivery of green fuel in December 2025.

## FACTS ABOUT REDDAP

- Asset: Power-to-X
- Location: Ramme, Denmark
- Power input: wind and solar energy
- Output expected: 5,000 tons of green ammonia per year
- GHG Reduction: 8,200 tons of CO<sub>2</sub>
- Owner: Skovgaard Energy
- Balancing partner: Danske Commodities
- Commercial operations date: December 2025

## **ABOUT SKOVGAARD ENERGY**

Skovgaard Energy is based in Lemvig in Northwest Jutland and contributes to the green transition across wind, solar, biogas and Power-to-X. The company's ambition is to be a leader in sustainable energy production and to help create a CO<sub>2</sub>-neutral future by reducing dependence on fossil fuels and minimizing energy waste.

## **ABOUT DANSKE COMMODITIES**

Danske Commodities is an energy trading company that specialises in power and gas trading and offers balancing, optimisation and hedging services to energy producers and suppliers. Every day, the company completes more than 90,000 trades across 40+ countries, constantly moving energy from where there is more than needed to where it is needed most. Danske Commodities is a wholly-owned subsidiary to Norwegian energy company Equinor, operating under its own name and brand.

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