



Figure 2: Example of the interface used by the platform from Centrica Energy Trading.

Results

Danish district heating companies have been able to maximize their profits by using the platform from Centrica Energy Trading. This was done through the optimization of the operation of heat pumps according to heating and electricity prices, as well as weather forecast indicators.

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FACTS ABOUT THE IOT CASE

IoT category: Grid services.

Heat supply capacity: No specific requirements regarding heating capacities.

Heat source: No specific requirements regarding types of heat sources.

Analysis method: Big data analysis and market models.

Modelling requirements: Data-driven.

Data required: Weather forecast and margin prices for electricity prices markets.

Technology Readiness Level: TRL 7 (system prototype demonstration in an operational environment). TRL 9 expected in Q4-2021.

Link to webpage:

www.centrica.com/our-businesses/energy-marketing-trading/