



Energy Supplier

# Project Profile

## Tafjord EnergyArena

a Tafjord Kraft AS concept



When Tafjord Kraft started with their EnergyArena concept they added thousands of main meters in to the Energinet Lite Software.

For their customers they did this for free and in the same time gave them basic reports like:

- Energy consumption report
- Annual comparison reports
- Meter reports
- Volume reports
- Status reports

About Tafjord EnergiArena  
Tafjord EnergiArena is our contribution as energy supplier to the environment and to profitable conditions for our customers. Our goal is cost focus on behalf of our customers and a development to more sustainable energy consumption. For our customers, we have a goal to achieve 20 percent energy saving. In Tafjord EnergiArena, the participants are invited to participate in goal-oriented projects by means of sessions in local networks.



Energinet is developed and maintained by:

[www.cebyc.com](http://www.cebyc.com)

## Customers achieved 45% reduction in energy usage.

Cebyc's Partner energy supplier TAFJORD has great large success with use of Energinet in their customer concept called EnergyArena.

Tafjord Energy Arena constitutes is the contribution to the environment and to more profitable conditions for Tafjord's customers. Their goal is cost focus on their clients' behalf and a more a more sustainable energy situation. For the customers, the goal is 20 percent energy savings. In Tafjord Energy Arena, the participants take part in targeted projects through collections in local networks in Tafjord's market area.

TAFJORD GIVES AWAY Energinet LITE for FREE to all customers that take part in Tafjord EnergyArena concept.

This is how important we believe it is that our customers have a good overview and control of their own consumption. Our goal is to reach the goal we have set - 20% reduction of the consumption with the participants in Tafjord EnergyArena. To reach this goal, monitoring and control of the consumption is vital.

With Energinet LITE you will receive a weekly report which contains information about last week's consumption. Tafjord forwards meter info each Wednesday to Energinet which generates the reports. The meter info is recorded on the basis hourly values to provide you with as precise reports as possible. This means that only hourly measured systems may be used. All installations with consumption in excess of 100,000 kWh/year have remotely recorded hourly measuring.

You may establish an unlimited number of receivers for the reporting service. All users will have access to the basic energy consumption reports:

- Energy consumption report
- Annual comparison reports
- Meter reports
- Volume reports
- Status reports

By giving you access to Energinet LITE, we want to obtain: Increased understanding - Increased commitment - Reduced consumption - and finally: Satisfied customers.

Participation in Tafjord EnergiArena may be the first step for companies which want to introduce energy labelling of buildings, certification of Eco-lighthouse or of ISO 14001, as the subjects from our programme constitute a part of these certifications.

### Achieved 45% reduction



"We have obtained a unique overview of our energy consumption"  
"The energy management system Energinet has provided us with a unique overview of our energy consumption. We are able to uncover irregularities immediately as they occur and correct the problem at once. We use the system actively and perform a review of the weekly reports which contain 24 hour monitoring."

Jan Petter Urke, Managing Director of Ulmatec Pyro.





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## About the project:

Ulmatec Pyro delivers new developments in energy saving systems for ships. This is a company with advanced knowledge about energy saving measures and the value of such. With this as background, Ulmatec Pyro chose to participate in the energy company Taffjord Kraft's EnergiArena.



## MEASURES

Through Taffjord EnergiArena, Ulmatec Pyro carried out energy efficiency mapping of the whole company which revealed a great potential for energy saving. Based on the mapping, they installed a new water-to-air heat exchanger which uses sea water which they have right outside the front door and they also installed a new ventilation system with energy recovery.

## CONTROL AND COMMITMENT

Equally important as the physical investments are control and consciousness-raising. Through Taffjord EnergiArena, Ulmatec Pyro installed the web-based energy management system Energinet. This system provides the company with total control of the energy consumption by means of weekly reports complete with 24 hour monitoring which display the consumption. They also implemented energy management in the company, a programme with a focus on consciousness-raising and involvement of the employees in the company's energy efficiency initiative.

## Commitment is the key

"The most important factor in anchoring in the company; everybody has to be involved, from the grass root and up"

"All companies will profit on such projects. There are many small measures which we do not think about in the day to day business which constitute great amounts in total. The most important factor in anchoring in the company; everybody have to be involved, from the grass root an up"



Frode Rø, general manager of Brattvåg Mekaniske Verksted when the company joined the energy efficiency project in i Haram in 2007.

Brattvåg Mekaniske Verksted (BMV) is a sub-supplier within welding, machining and installation to various parts of Norwegian industry. The company is situated in Brattvåg.

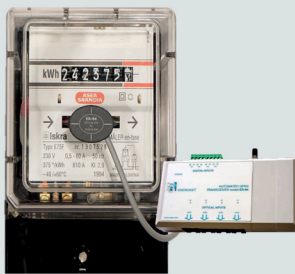
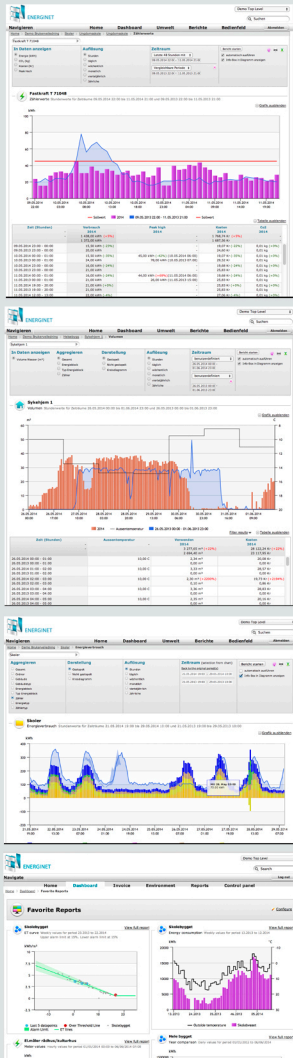
For TAFJORD Kraft, the goal of the project on towards BMV was clear: By means of consciousness-raising and simple measures, they would save energy. The energy efficiency mapping demonstrated that they have moderate energy consumption with a potential for reduction. TAFJORD's goal has been to assist BMV with good and professional project management through Taffjord EnergiArena and contribute with tools in the form of the internet based energy management system Energinet and with the introduction of energy management in the company. BMV has established a separate energy management group in the company and involved all employees in the work to save electricity.

## Rø Achieved 45% reduction

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Jan Petter Urke, Managing Director of Ulmatec Pyro.



Energinet Optical Reader. Reads up to 4 mechanical or electronic meters plus 4 pulse inputs. No skills needed for installation and low cost.



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