DWEEN Cold

x Espersen Lietuva

CASE STUDY

20% in 2 months!

How Espersen Lietuva has cut their energy bills with DWEEN

Find out how much you can save →

INTERESTED? CONTACT US
info@dweenn.com

READ MORE
dweenn.com

CONTEXT

Espersen Lietuva is part of a global seafood leader, specializing in frozen fillets, coated portions, and layered pastry fish products. Refrigeration system is equipped with modern technology.

PROBLEM

Seeking greater efficiency and responsiveness, efforts were made to optimize the refrigeration system for seasonal and production load fluctuations.

SOLUTION

Intelligent automatic control of refrigeration system resulted in efficient operation of all connected equipment and dramatic reduction of electricity consumption.

TECHNICAL DETAILS

REFRIGERATION SYSTEM

4 compressors	1×138 kW 1×155 kW 2×100 kW
Condensers	2×677 kW

CONTROLLED TEMPERATURE ROOMS

Horizontal plate freezers	5×64 kW
Multibelt (tunnel) freezer	1×100 kW
Multibelt (tunnel) freezer	1×75 kW

ADVANCED TEMPERATURE CONTROL

Shock freezers	- 33°C

DIGITAL TWIN

CONTINUOUS MONITORING

Electricity consumption
Refrigeration system efficiency
Compressor station status
Predefined reports: hourly, daily, monthly

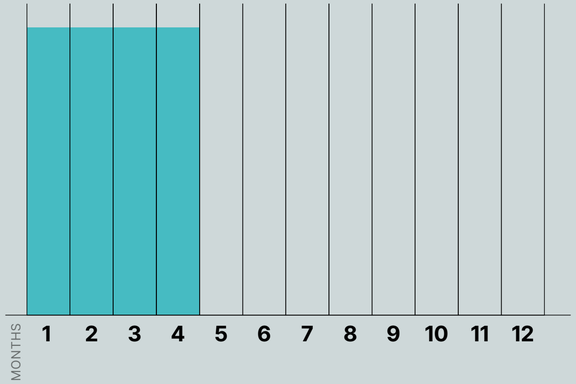
The WOW effect

20% 87 MWh

Refrigeration system electricity consumption reduction during first 2 months of operation

ROI TIMELINE

Promise to achieve ROI in 12 months, expected in:



SET UP TIME

Without ceasing operations

2 months



Saulius Švedas
TECHNICAL MANAGER

We are happy to be able to easily save energy and resources.