



**DANISH MEAT
RESEARCH INSTITUTE**

Energy Optimization

Investing in energy projects leads you to reduced total energy consumption and reduced production cost



Design and implementation of a modern meat plant requires all sorts of professional skills. DMRI provides you access to a whole range of practical and innovative competences.

WHEN YOU PLAN TO invest in energy projects in your production facilities you may use the following method:

- Identify projects
- Prioritize projects
- Establish projects

The potential for energy and environmental savings at slaughterhouses is often vast. The economy in exploiting surplus heating is very good, varying from heat exchangers with a payback time of a few months to high temperature heat pumps with a payback time of some years.

IN HIGHLIGHTS THE BENEFITS OF A DMRI ENERGY OPTIMIZATION PROJECT RESULTS IN:

- Optimizing of the present energy usage
- Operational productivity
- Environmental efficiency
- Improved cash flow



Energy Optimization

THE DMRI ENERGY survey is all about taking a holistic approach and to incorporate all factors that influence the cost. The process of establishing energy projects can be illustrated as:

1	ENERGY SURVEY
▼	
2	DESIGN AND FINANCING
▼	
3	TENDER AND PROCUREMENT
▼	
4	CONSTRUCTION
▼	
5	PROJECT MANAGEMENT



A DMRI ENERGY PROJECT COVERS:

- Identification of improvements that can be accomplished immediately
- Identification of profitable investments
- Creating overview of the present situation and potential for improvement
- Prioritizing future energy and environmental investments
- Optimizing daily operations and create overview of the need for heat storage
- Improving the environmental performance
- Environmental aspects
- Construction works
- Budget estimate and economic analysis
- Time schedule



ABOUT DMRI

DMRI is focussing our attention on methods and technologies for efficient production of safe meat products of a high quality at competitive prices. At the same time, DMRI is committed to enhancing the working environment and animal welfare as well as demonstrating due care to the external environment.

CONTACT

SENIOR CONSULTANT
JENS SCHELLER ANDERSEN
JSAN@DTI.DK
+45 7220 2991



SENIOR CONSULTANT
JENS WÜRTZ
JEW@DTI.DK
+45 7220 2622

