

ENGINEERING  
TOMORROW



District heating microgrid

# Take the pressure off **district heating microgrid management**

Stay on top of the increasing requirements for heat planning, decarbonization, and legal compliance with a district heating microgrid solution from Danfoss.



Providing reliable,  
**efficient heating**  
for cities and communities

[microgrid.danfoss.com](https://microgrid.danfoss.com)

# Unlock the potential of district heating microgrids

Managing a district heating microgrid means stepping into the role of critical infrastructure provider which comes with substantial responsibilities. From ensuring a reliable heat supply to adhering to cyber security requirements, Danfoss is here to support you throughout your entire journey within:

- Planning and construction
- Installation and commissioning
- Operations

Our broad hardware portfolio includes substations for the individual demands of buildings of all types and sizes.

Additionally, our Leanheat® Software Suite offers end-to-end solutions for the control, monitoring and optimization of district heating microgrids. Whether you are building a microgrid from the ground up or optimizing an existing one, Leanheat® can help you effectively meet growing demands for energy and cost efficiency, improve business operations and ensure GDPR compliance.

With our plug-and-play products, proven and trusted in the field, you can step confidently into the future of district heating, while avoiding unpleasant surprises.

<p>Leanheat® Production</p>	<p>Renewable energy sources</p>
<p>Heating production</p>	<p>Leanheat® Network</p>

Villa substation

Multi-family substation

Commercial building substation

Leanheat® Monitor

Scan to visit [Leanheat.danfoss.com](http://Leanheat.danfoss.com)

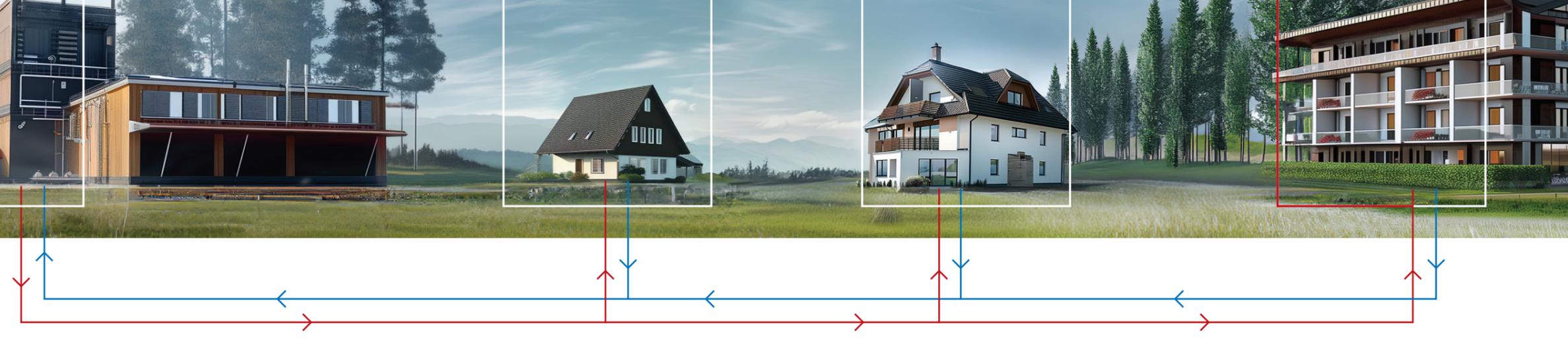
Scan to visit [ECL.danfoss.com](http://ECL.danfoss.com)

ECL Comfort controller

Micro Plate™ heat exchanger

Sono® ultrasonic energy meter

Virtus heavy-duty pressure and flow controller





## Get started with **district heating microgrids**

Interested to know more about how we can assist you in making your entrance into the world of district heating microgrid management a hassle-free process?

Learn more about our solutions at  
**[microgrid.danfoss.com](https://microgrid.danfoss.com)**

Together, we are optimizing efficiency.  
**Grid by grid, building by building.**



### **For owners and operators, we offer:**

- A broad portfolio of substations for all building types equipped with state-of-the-art components, stations and software
- Leanheat® Monitor: Optimize operation management of your district heating microgrid with remote monitoring and control, ultimately helping you save time and money.



### **For heating professionals, consultants and designers, we offer:**

- A broad portfolio of substations for all building types equipped with state-of-the-art components, stations and software
- Leanheat® Network: Optimize the planning, design and operational process with our thermos-hydraulic modeling tool developed specifically for use in district heating microgrids.