

New underground technologies improve district energy networks efficiency and reliability

VEXVE iSENSE – Smart monitoring solutions

Time: FEBRUARY 27th 14:00–16:30

Venue: Eesti Jõujaamade ja Kaugkütte Ühing, Tallinn, Punane 36

Finnish Vexve, the leading manufacturer of district energy valve solutions, explored the biggest challenges in energy distribution networks together with energy companies. The study revealed that energy companies' main challenges are within efficiency, reliability and preventive maintenance. As a result of the study combined with long-term product development Vexve has now launched iSENSE Smart Monitoring Solutions.

Vexve's iSENSE product family consists of smart monitoring solutions specifically designed for underground district heating and cooling networks. The real-time measurement data provided by iSENSE product family helps to improve network efficiency, provides tools for condition monitoring and enables fast leakage detection.

Welcome to hear more about the study, its findings and the new technologies!

AGENDA 14:00 – 16:30 (including coffee break)

- Typical challenges in district energy networks around the world
- Required technical development
- New technologies for underground district energy networks
 - iSENSE Opti for real-time network condition monitoring
 - iSENSE Pulse for fast leakage detection
 - iSENSE Chamber for online chamber monitoring
 - HYDROX hydraulic actuators for remote operation
- Variable case examples of energy utilizes exploiting the new technologies
- Q&A for next generation underground networks
- Q&A for traditional underground valve solutions

Registrations by 26.02.2020 at epha@epha.ee



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