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Comparison of distributed and centralised integration of solar heat in a district heating system

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Highlights

- Solar assisted district heating was studied for an existing district heating system
- Performance of distributed and centralised solar collector systems was evaluated
- Centralised collector systems can provide cost savings from 7-21 %
- Pay-back times between 10 and 11 years for centralised systems were recorded
- Low temperature distribution gave a boost in performance for centralised collectors

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