## **Accepted Manuscript**

Optimisation of a district energy system with a low temperature network

Ashreeta Prasanna, Viktor Dorer, Nadège Vetterli

PII: S0360-5442(17)30530-3

DOI: 10.1016/j.energy.2017.03.137

Reference: EGY 10604

To appear in: Energy

Received Date: 14 November 2016

Revised Date: 22 March 2017

Accepted Date: 27 March 2017

Please cite this article as: Ashreeta Prasanna, Viktor Dorer, Nadège Vetterli, Optimisation of a district energy system with a low temperature network, *Energy* (2017), doi: 10.1016/j.energy. 2017.03.137

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



#### **ACCEPTED MANUSCRIPT**

### Highlights:

- Optimisation of a low temperature network with bi-directional energy exchange.
- Validation of a multi-energy optimisation model using monitoring data.
- Scenarios with electric and thermal storage to improve energy self-sufficiency.



#### Download English Version:

# https://daneshyari.com/en/article/8072778

Download Persian Version:

https://daneshyari.com/article/8072778

<u>Daneshyari.com</u>