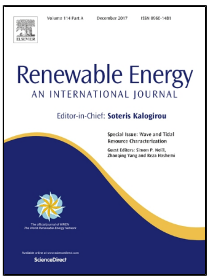
Accepted Manuscript



Increased cogeneration of renewable electricity through energy cooperation in a Swedish district heating system - A case study

Shahnaz Amiri, Gottfried Weinberger

PII:	S0960-1481(17)30963-1
DOI:	10.1016/j.renene.2017.10.003
Reference:	RENE 9291
To appear in:	*Renewable Energy*
Received Date:	12 April 2017
Revised Date:	15 August 2017
Accepted Date:	01 October 2017

Please cite this article as: Shahnaz Amiri, Gottfried Weinberger, Increased cogeneration of renewable electricity through energy cooperation in a Swedish district heating system - A case study, *Renewable Energy* (2017), doi: 10.1016/j.renene.2017.10.003

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

1 Energy cooperation with industry in a Swedish district heating system is studied
2 Advantages are gained by the energy company and cooperating sawmill and paper mill
3 Total system cost decreases by less costly boiler use and renewable electricity sales
4 CO_2 emission reduction is most substantial when biofuel is used for cogeneration
5 Plant utilization rises by combined heat supply of district heating and process steam

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6765286

Download Persian Version:

https://daneshyari.com/article/6765286

Daneshyari.com