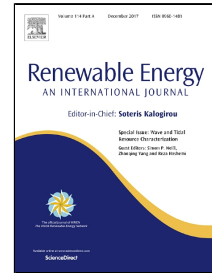


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Increased cogeneration of renewable electricity through energy cooperation in a Swedish district heating system - A case study

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- 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 CO₂ 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

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