

## **Analysis of the Environmental Impact of Selected Small Heat and Power Plants Operating in Poland**

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**Abstract :** The aim of the work was to assess the environmental impact of the selected small and medium-sized companies supplying heat and electricity to the cities with a population of about 50,000 inhabitants. Evaluation and comparison of the impact on the environment have been carried out for the three plants producing heat and two CHP plants with particular attention to emissions into the atmosphere and the impact of introducing a system of trading carbon emissions of these companies.

**Keywords :** CO<sub>2</sub> emission, district heating, heat and power plant, impact on environment

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