

## Innovative Power Engineering in a Selected Rural Commune

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**Abstract :** This paper presents modern solutions of distributed generation in rural communities aiming at the improvement of energy and environmental security, as well as power supply reliability to important customers (e.g. health care, sensitive consumer required continuity). Distributed sources are mainly gas and biogas cogeneration units, as well as wind and photovoltaic sources. Some examples of their applications in a selected Silesian community are given.

**Keywords :** energy security, mini energy centres , power engineering, power supply reliability

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