

Mariusz Owczarek, Weronika Radzikowska-Juś

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The most common energy sources for single-family buildings are coal, gas and fuel oil. Increasingly, investors are also considering heat pump installations. Each of these sources has different investment and operating costs. The idea of a hybrid source is the cooperation of several energy sources in one building. The aim of the study is to select the best shares of sources from three criteria: minimum investment costs, minimum operating costs for an assumed period of time and minimum sum of investment and operating costs.

[Mariusz Owczarek, Weronika Radzikowska-Juś, Analiza kosztów inwestycji i eksploatacji hybrydowych źródeł energii dla budynku w technologii tradycyjnej w zależności od jego skali](#)
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