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The influence of building using function on the operating characteristics of the gas engine driven heat pump with energy storage system (ESGEHPs)

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Highlights

- The new control strategy and operation mode of ESGHPs was proposed.
- The relationships between ESGHPs and load of four types building was obtained.
- The ESGHPs is better matched with the building load of different using functions.
- Using ESGHPs could improve Chinese energy structure of buildings.

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