

WOLF POWER HOUSE

Modular energy concept for municipal heat planning

- ✓ **Full cost control**
- ✓ **Cheaper heat price through optimized operation**
- ✓ **Fast project implementation from order (<1 year)**
- ✓ **Energy management through AI**
- ✓ **Modularity through expansion to a district heating network**
- ✓ **BEA ready through perfect interaction of CHP and heat pump**

Our all-round carefree package for your heat transition project
Secure supply. Economical. Sustainable.

What is the WOLF POWER HOUSE?

In order to effectively advance the heat transition in urban and rural areas, we offer the **WOLF POWER HOUSE**, a turnkey energy center that, as the heart of decentralized heating networks, meets all the requirements of a sustainable energy solution.

As a system integrator, we take care of all associated services for you, from support with technical planning through to commissioning.

From planning to finished product in the shortest possible time eating network (from order <1 year)

With WPS as your project partner, you can rely on many years of experience and perfected processes. The planning and approval effort is minimized with the **WOLF POWER HOUSE**, as is the personnel required for implementation.

The **WOLF POWER HOUSE** reaches the site already pre-assembled. Within a few months of ordering, your turnkey energy center will be ready for operation.

The full control over your costs

Our turnkey energy center enables you can plan your investment costs. This means you always have control over your budget and maintain a secure basis, allowing you to safely calculate your heating costs.

Secure subsidies!!

With a renewable energy share of 75 %, the **WOLF POWER HOUSE** fulfills the requirements of the BEW (Federal Institute for Energy and Water Management) and is therefore eligible for subsidies.

Lower heat price

from over

40 %



The optimal system design effectively minimizes the costs of generating heat. Compared to other supply solutions, the flexible, electricity price-oriented interaction of CHP and heat pump enables heat prices to be over 40% lower.

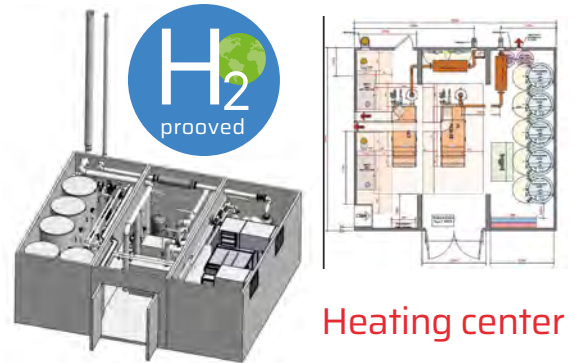
There is no greater tailwind for your projects!

A heating concept with all possibilities

The energy transition **represents progress**. However, its long-term design is often still unclear in practice. With the **WOLF POWER HOUSE** you create flexibility and can take your step towards the heat transition now.

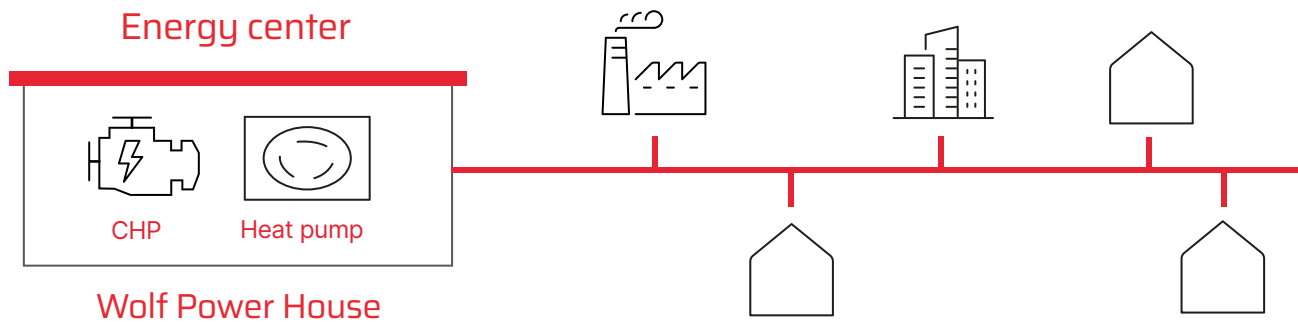
A variety of heat sources can be used

Thanks to the **WOLF POWER HOUSE**, different heat sources can be tapped highly efficiently. If the conditions on site change, you can change the heat source at any time. Operation with pure hydrogen is also already possible today (H₂-proved).



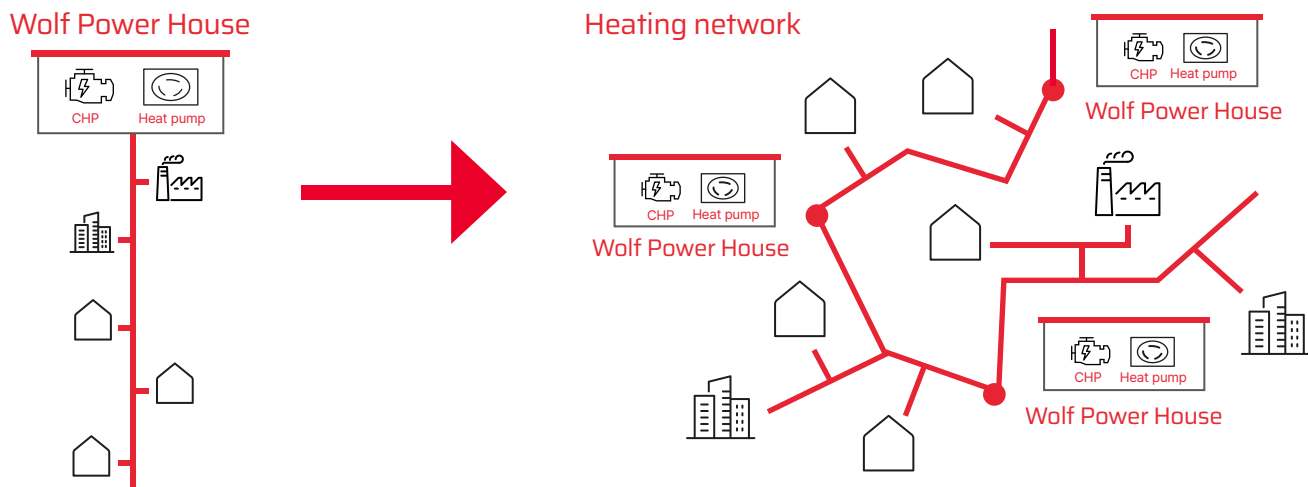
Modular and customizable

The energy center is a modular container solution. It enables easy subsequent system adaptation and extensions without interface problems and thus functions as an integral component of a consistent system architecture that is tailored to your requirements.



Expansion into a heating network

The **WOLF POWER HOUSE** offers you the option of controlling the heat network with the **HEC3** energy management system and can become part of an efficient heat network. Larger areas can thus be sustainably supplied with generated heat.



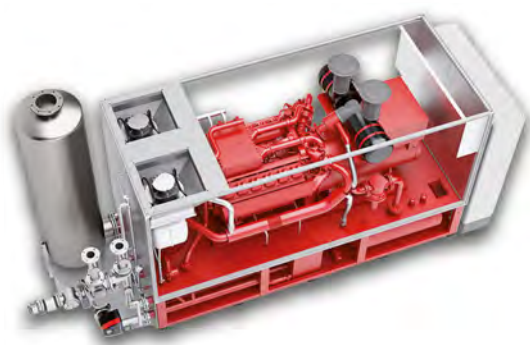
Building Energy Act 2024 (BEA)

The Building Energy Act 2024 (BEA) stipulates an increasing use of renewable energies or unavoidable waste heat for the energy supply of buildings. For new buildings in new development areas, at least 65 percent of the heat provided by heating systems must be generated with renewable energies or unavoidable waste heat from January 1, 2024; this obligation does not initially apply to buildings - even new ones - in existing areas. With the combined heat and power pump (or heat pump hybrid heating), this BEA obligation can be fulfilled easily and cost-effectively.

The perfect interplay of CHP and heat pump

CHPs and heat pumps are often perceived as competing technologies.

The opposite is the case. Both our CHPs and our hybrid solution with a heat pump operate highly efficiently and in a demand-oriented manner. Their technically optimized interaction with other system components such as Large heat pumps can therefore significantly increase the overall efficiency of the heating network.



CHP plant

+



Heat pump

=



Your heat transition will be a success

With us as your partner and pioneer of the energy transition, you not only rely on innovative cutting-edge technology, but also benefit from our comprehensive know-how as a system integrator in the implementation of energy supply projects.



[POWER SYSTEMS]

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More information