

DHS Eibiswald

(Nahwärme Eibiswald eGen)



- Location: **Eibiswald, Austria**
- Operating since: **1993**
- Ownership: **farmers cooperative**
- Grid: **10600 m** (owned by the DHS)
- Customers: **150**
- Connected load: **5800 kW**
- Boiler output: **4870 kW** (5 boilers)
- Type of DHS: **hot water**
- Current fuel: **wood chips, thermal solar, oil (peak load & back-up)**
- Potential renewables nearby: waste **wood, excess heat, solar**



Source: Nahwärme Eibiswald



Investment plans:

Optimisation to achieve more efficient operation of the boiler house and grid as well as grid extension, in 2019.

For more information:

- www.keepwarmeurope.eu/country-pages/austria
- <http://nahwaerme-eibiswald.at/>

New boiler house, grid extension & grid connection



Primary work-steps and investment drivers:

- Takeover of nearby DHS
- Connecting both Grids
- Building new boiler-house / heating central
- Grid extension in Eibiswald

Strategic background documents:

- Environmental subsidies for optimising DHS
- Climate & Energy Strategy of Styria



Stakeholder involvement:

- Leading: **Owner consortium, planner**
- Other: **municipality, financing partners**

Required resources:

Financial investment:
Approx. 7 Million EUR



Results:

- RES use increase: **before 10.9 ⇒ after 19.5 GWh**
- RES heat production ratio: **99.1% RES**
- Primary energy savings: **320 MWh/a**
- Emission reductions: **↓1764 tCO₂/a**
- Increased heat sales: **80%**
- **Increased profitability**

Want to adapt our work to your DHS?
Want to invest in our progressive DHS?

Contact us using the information below!

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