

Information event
District heating Lauterbrunnen-Wengen
BKW AEK Contracting AG

Contents

- 1 Project status

- 2 Contracts/pricing model/costs

- 3 External cost comparison

- 4 Next steps

- 5 Questions

- 6 Refreshments

- 7 Followed by district meeting



Lauberhorn downhill run (ski race <-> district heating)



Project status



Customers – the key to project success



Lauterbrunnen central wastewater treatment plant



Lauterbrunnen – Wengen transmission pipe



Wengen distribution system



Pumping station Mittaghorn – Alpenrose region



Redundancy centre in Wengen, Schulhaus – Palace region

Schedule



2024

Preliminary study

Clarify critical issues for the building permit
Contact the planning office regarding the transmission pipe
Contact key customers
Refine the business plan

Today

Preliminary project

Plan central facility
Plan route and network
Sign easements
Sign contracts

2025



2026–27

Construction project

Sign further contracts
Building application
Tenders
Procurement



2028–30

First heat autumn 2028

First renewable heat 2029/30
Further expansion

Implementation

Construct central facility
Construct network
Install building connections

2027–30



Installed load

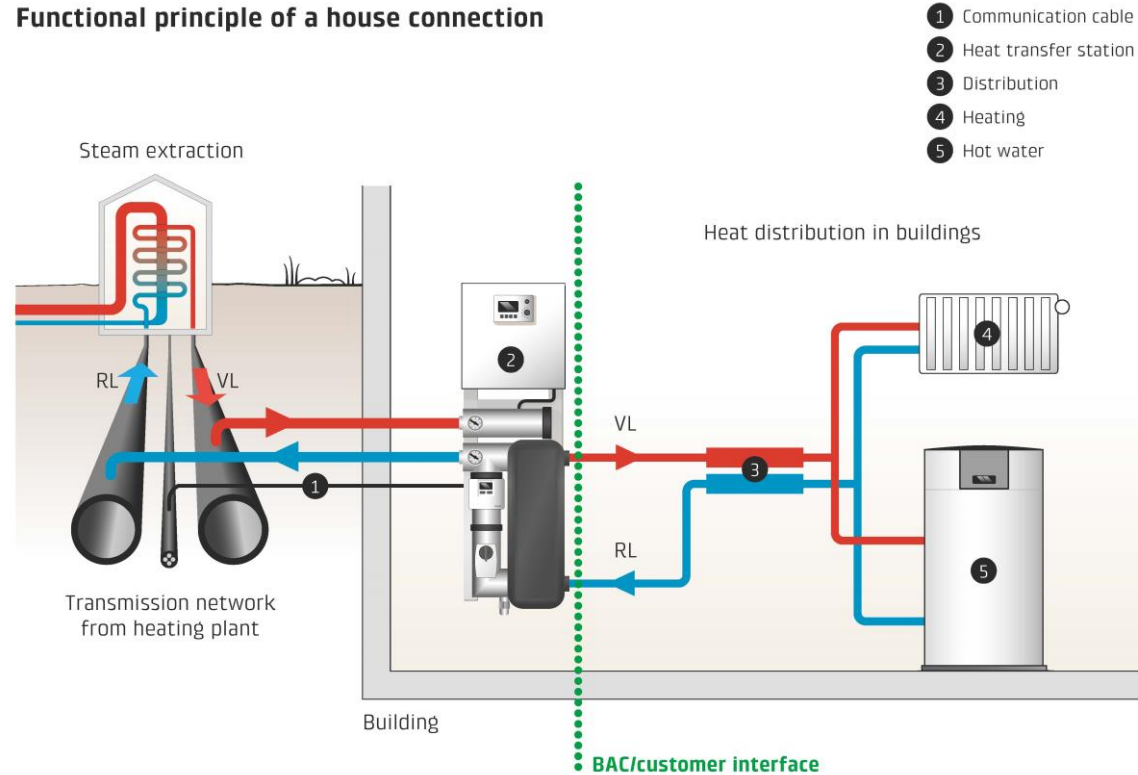
Installed load is not the same as boiler capacity - why?

- Boiler defined larger than necessary
- Load reduced due to altitude
- Energy refurbishment carried out in the meantime

Determining the installed load – not so easy:

- Initial situation: current consumption (oil, electricity, pellets, etc.)
- Depends on the type of heating
- Other factors:
 - Use of the property
 - Domestic hot water production
 - Condition and age of heating system

Functional principle of a house connection

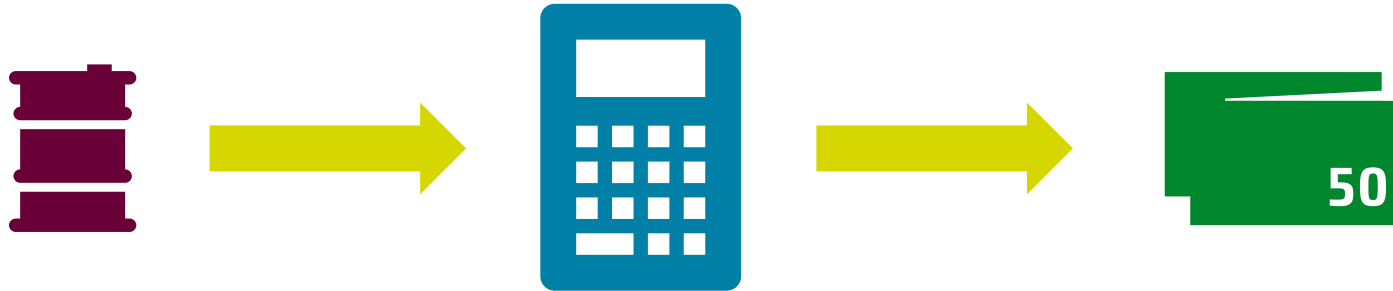


Calculation tool

Calculation tool to assist our customers

- Select heating system
- Enter current energy consumption

Result: estimated installed load and costs



External cost comparison

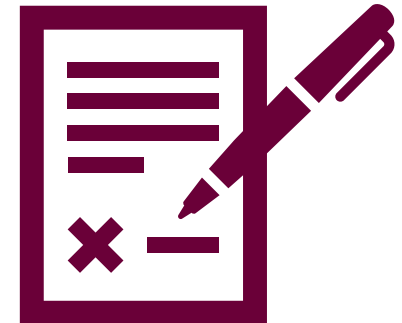


From preliminary project to construction phase

More than 70 responses from interested parties already!

Prerequisite and objective:

- **80% of total capacity contractually secured by April 2026**
- **Corresponds to around 8.000 kW**



Current status and key points in brief

Early conclusion of contract

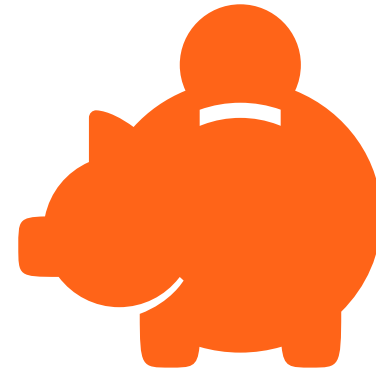
Discount of 4% until 30 November 2025

Discount of 2% until 31 March 2026

All-inclusive package until 30 June 2064 (35 years)

Next steps

After receiving the documents, arrange an appointment and finalise the contract documents



Next steps together

1. Submit oil, electricity or pellet consumption via the connection data form – basis for the contract documents
2. After receiving the documents: contact BAC
3. Inspection and initial consultation by BAC
4. If necessary: involve a planner
5. Create binding contractual documents after clarifying all points
6. Sign contracts

Questions: We will be happy to assist you



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Implementation



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Project Manager, Sales

Thank you for your
attention

BKW AEK Contracting AG

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