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Comments on DEAs proposal for chapter on district heating in the technology catalogue

The Danish Energy Agency has circulated a draft on the chapter concerning district heating in the technology catalogue for comments, along with a data sheet for comments on November 20, 2024.

Biomethane / upgraded biogas can be long term stored in the gas grid or short term stored locally, making it, just like solid biomass, a flexible and renewable energy source that can quickly adapt to fluctuations in demand. This demonstrates its particular value in district heating systems, especially when electricity prices are high.

Moreover, biogas offers operational flexibility and energy security by providing an additional fuel source for CHP systems. By including biogas in the catalogue will better reflect the available of renewable energy options available, aligning Denmark's aims to diversify and decarbonize its energy systems.

Proposed change:

From:

Energy optimization: in urban settings benefits from centralized heating systems, which can switch between various production methods based on demand. Biomass can be advantageous during high electricity prices, especially with CHP systems that also generate power for sale. Equally, heat pumps or boilers become more practical when electricity costs drop.

To:

*Energy optimization: in urban settings benefits from centralized heating systems, which can switch between various production methods based on demand. Biomass **and biogas** can be advantageous during high electricity prices, especially with CHP systems that also generate power for sale. Equally, heat pumps or boilers become more practical when electricity costs drop.*

Best regards

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