

Green District Heating

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District heating plays an important role in the Danish energy system, with an energy delivery almost matching the total national electricity supply, despite only covering about half the heat market. 63 % of all households are connected to district heating systems. The presentation gives an overview of the background for this and the development of the district heating sector over the last 40 years as well as the results achieved. The huge penetration of district heating makes it a valuable and essential asset in the future integrated and sustainable energy system by providing flexibility and cost effectiveness. Part of the flexibility will be provided by biomass based electricity and heat systems, especially in major towns and cities in Denmark, and especially in the decades towards 2035. The current political background for further development of district heating and its integration in the energy system will also be covered.