

Results of the 3rd quarter of the post-doc research project No. 1.1.1.2/VIAA/4/20/604 "START: Decision Support Tool for Decarbonisation Assessment of DistRicT Heating" project (01.07.2021 - 30.09.2021):



Waste heat from different sectors could significantly reduce fuel consumption in district heating system. To develop transition scenarios to the 4th generation district heating system, the potential interaction and dynamics of the water supply (wastewater) management company and DH company were analyzed, taking into account all interconnected energy flows. A sector coupling block has been added to the district heating system's reference model (developed in PowerSim Studio 10). The obtained calculation and modeling results were presented in the:

- 7th International Conference on Smart Energy Systems on September 21-22, Copenhagen
- meeting on August 5, 2021 with the representatives of JSC "Rīgas Siltums", Ltd. "Rīgas Ūdens" and Riga Municipal Agency "Riga Energy Agency".

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