

JRC Dataset

2017 Techno-economics for smaller heating and cooling technologies

Description:

This study provides data and projections for smaller heating and cooling technologies for the residential and tertiary sectors including an outlook until 2050. It covers key parameters needed for technical and economic assessments of the energy technologies and for systemic modelling activities, e.g. conversion efficiency, capital and operating costs; also touching upon the needs for environmental assessments (e.g. emissions of pollutants). The technologies covered are various types of boilers, heat pumps, CHP, solar heating, electric heating and heat storage. It complements a study on large-scale heating and cooling technologies in the EU.

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Keywords:

capital costs, cooling, efficiency, heating, operating costs, projection, techno economics

Related resources:

Data access

2017 Techno-economics for smaller heating and cooling technologies

2017 Techno-economics for smaller heating and cooling technologies (zip file)

<https://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/JRCOD/ETRI/datasets/datasheet-key-indicators-for-small-scale-heating-and-cooling-technologies-2017.zip>

Publications

Techno-economic projections until 2050 for smaller heating and cooling technologies in the residential and tertiary sector in the EU

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