

Designing a model for the cost-optimal decommissioning and refurbishment investment decision for gas networks: application on a real test bed in Austria until 2050

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Abstract

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1. Results and discussion

This section presents the main findings of the Austrian case study. It is structured in three parts. First, Sections 1.1 and 1.2 present the Austrian gas grid in 2030 and 2040 respectively. The quantitative results for grid length, investment, and operating costs are presented for both grids. Building on this, Section 1.3 focuses on the grid costs and compares the grid charges of customers today with those in 2030 and 2040.

1.1. Gas grid 2030

1.2. Gas grid 2040

1.3. Development of grid charges

Declaration of interests

None.

Declaration of Competing Interest

The authors report no declarations of interest.

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