



Coventry's energy system today

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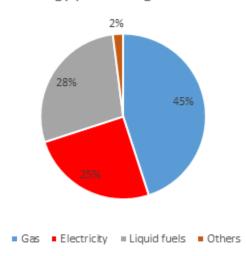


Key statistics of RESO project area

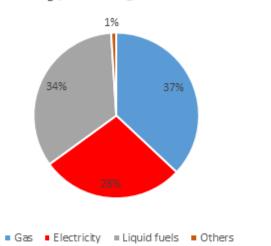
- □ 366,800 population and 159,000 households
- □ 18.8% fuel poverty (13.4% average for England)
- □ 140,000 cars registered (> 1,000 electric in 2021)
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- □ Energy consumption of 6.3 TWh (6,300,000,000 kWh)
- □ CO₂ emissions of 1,420,000 tonnes
- Annual expenditure on energy of £530 million
- □ Local electricity generation is < 10% of electricity consumption
- □ District heat networks provide < 5% of heat demand</p>
- Road transport and domestic space heating largest end uses of energy

Splits of energy vectors

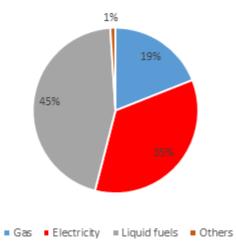




CO₂ percentages of total



Cost percentages of total





Further data is available

For more detailed data please see the following links:

- □ Energy flow diagrams for 2018 and 2032: https://zenodo.org/record/5110141#.YPG5FehKhPY
- Aggregated and cleaned half-hourly electricity demand from July 2017 - February 2020: https://zenodo.org/record/4606656#.YPG5WehKhPY
- □ Data catalogue of the 145 datasets used in our analysis: https://zenodo.org/record/4776522#.YPG4YuhKhPY

