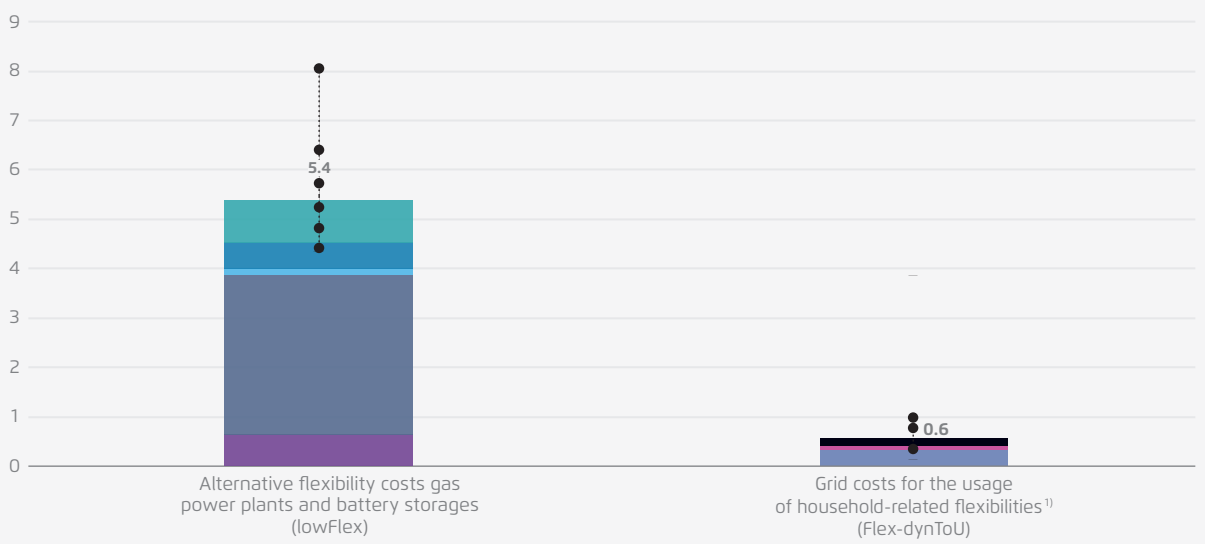


Costs for providing flexibility [billion euros]



- Fuel costs natural gas ● Fuel costs hydrogen ● Investment costs²⁾ gas power plants
- Investment costs²⁾ hydrogen power plants ● Investment costs²⁾ high-capacity storages
- Investment costs²⁾ commercial low-voltage grids ● Investment costs²⁾ low-voltage networks close to households
- Additional grid operating costs ---●--- Value range for sensitivities

Agora Energiewende (2023). Note: Annuity investment costs, real values. ¹⁾Heat pumps, electric vehicles and home energy storage systems in domestic and commercial low-voltage grids. ²⁾Consideration of annuities.