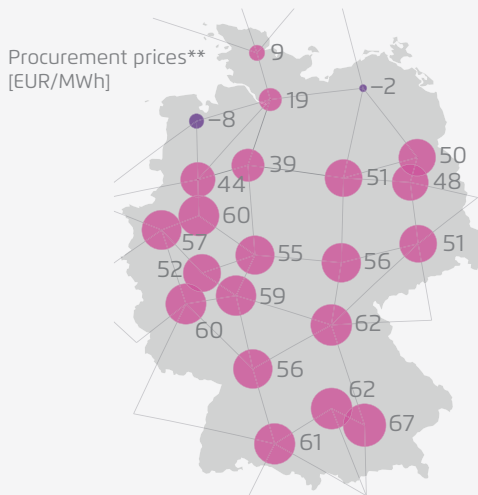
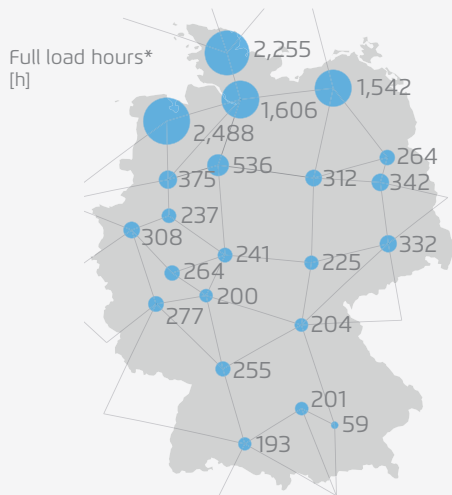


Full load hours and average electricity prices for electrolysis

→ Fig. E



● Negative procurement prices ● Positive procurement prices

Fraunhofer IEE modelling result (2025). *Utilisation of electrolyzers in local electricity price configuration in hours per year, if only cheap electricity is consumed (left) for production at less than 20 euros per megawatt hour electricity price. **average electricity price (right) for at least 180 or exactly 3,000 hours of operation per month or per year, respectively; negative values indicate predominant electricity consumption at negative electricity prices