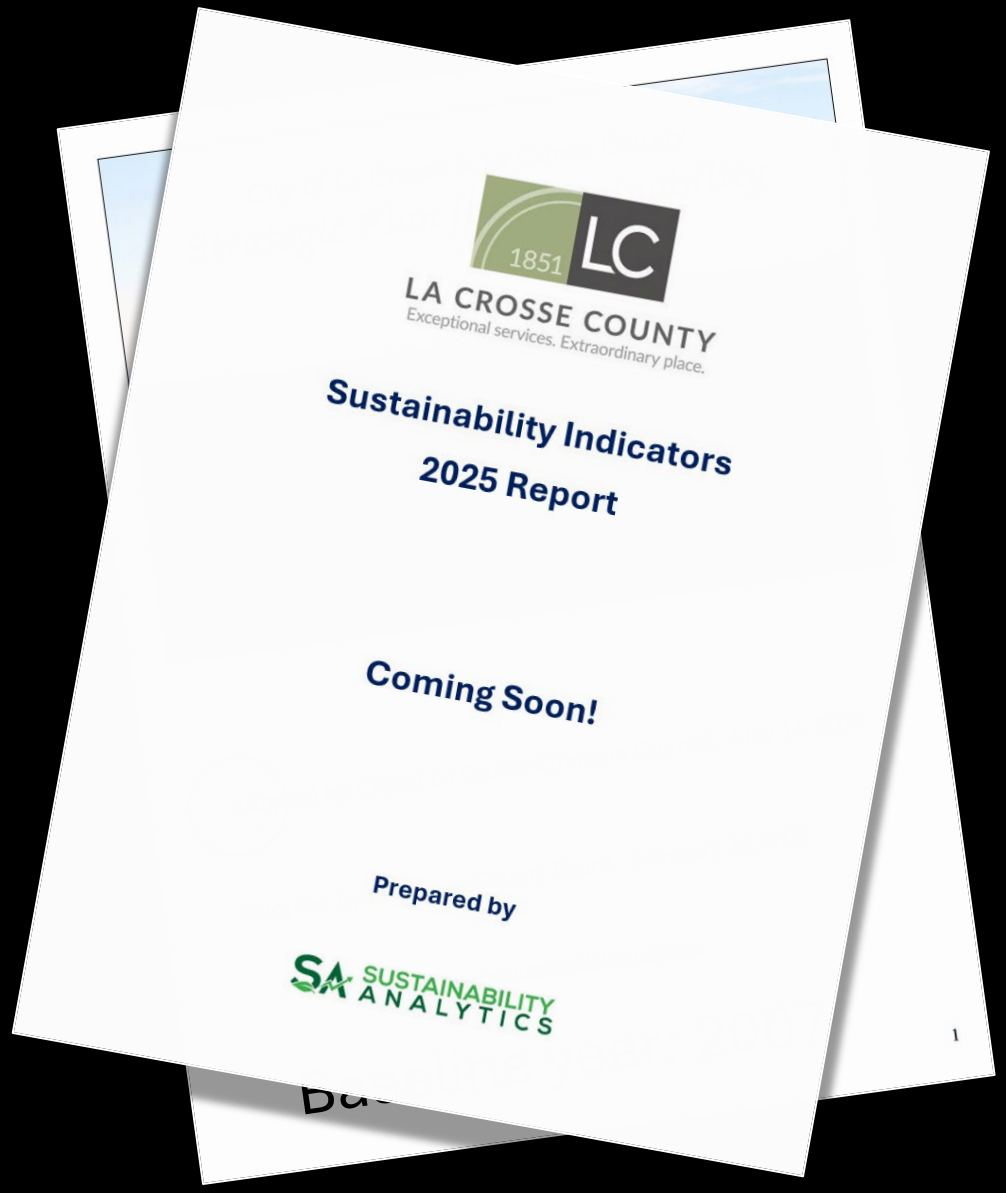
Sustainability Indicators Update

Board Planning Meeting
October 5, 2026

Anders Olson

La Crosse County Sustainability Indicators



Government Operations

- Vehicle Fuel Usage
- Natural Gas Usage
- Electricity Usage

} CO_2

- Paper Usage
- Water Usage

Community-Wide

- Natural Gas Usage
- Electricity Usage

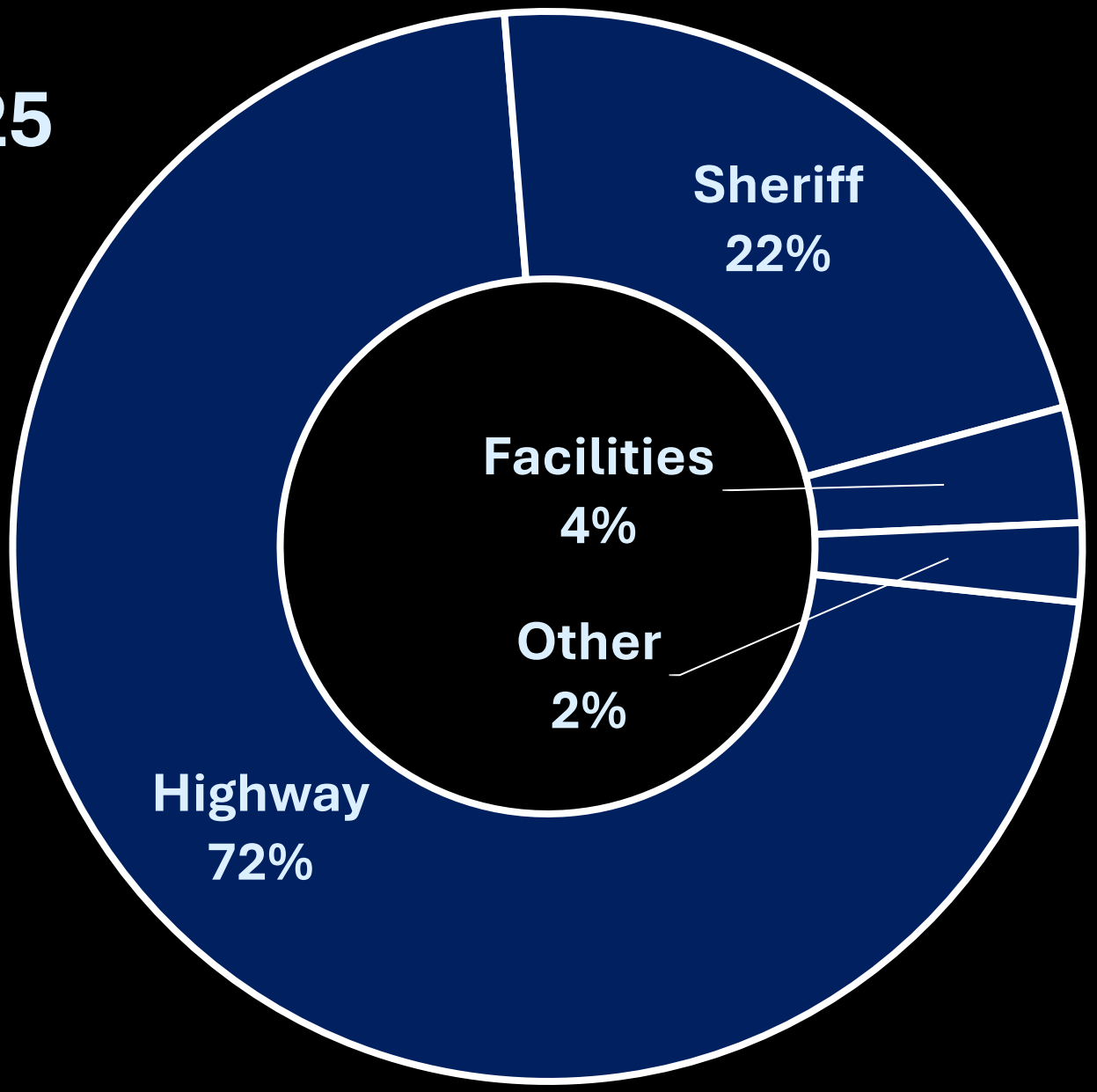
} CO_2

- Waste & Recycling
- Transportation
- Land Use
- Socio-Economic

County Government

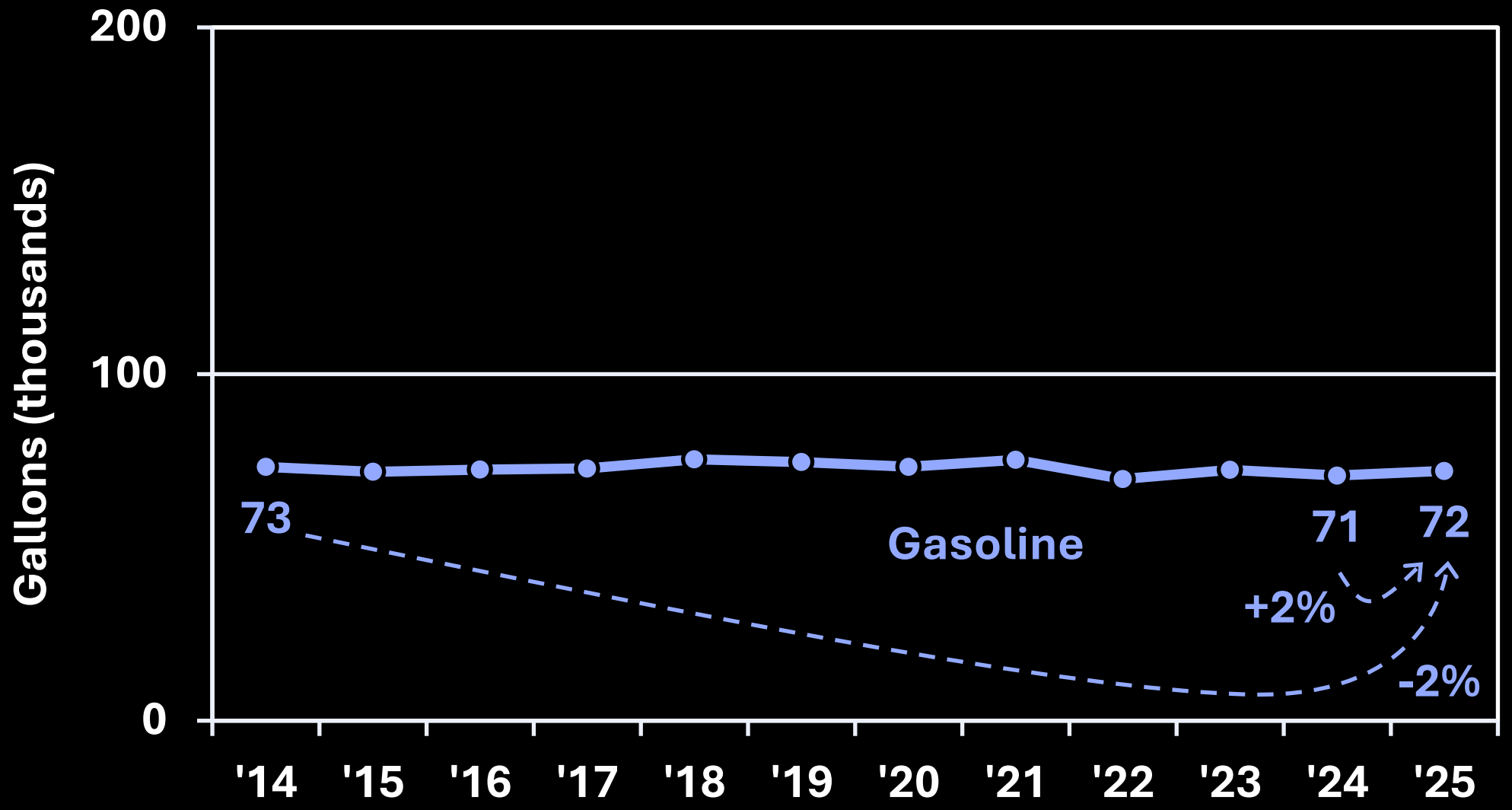
Vehicle Fuel Usage, 2025

Fuel Type	Gallons
Diesel	~127,000
Gasoline	~72,000
CNG	~1,000
Total	**~200,000**



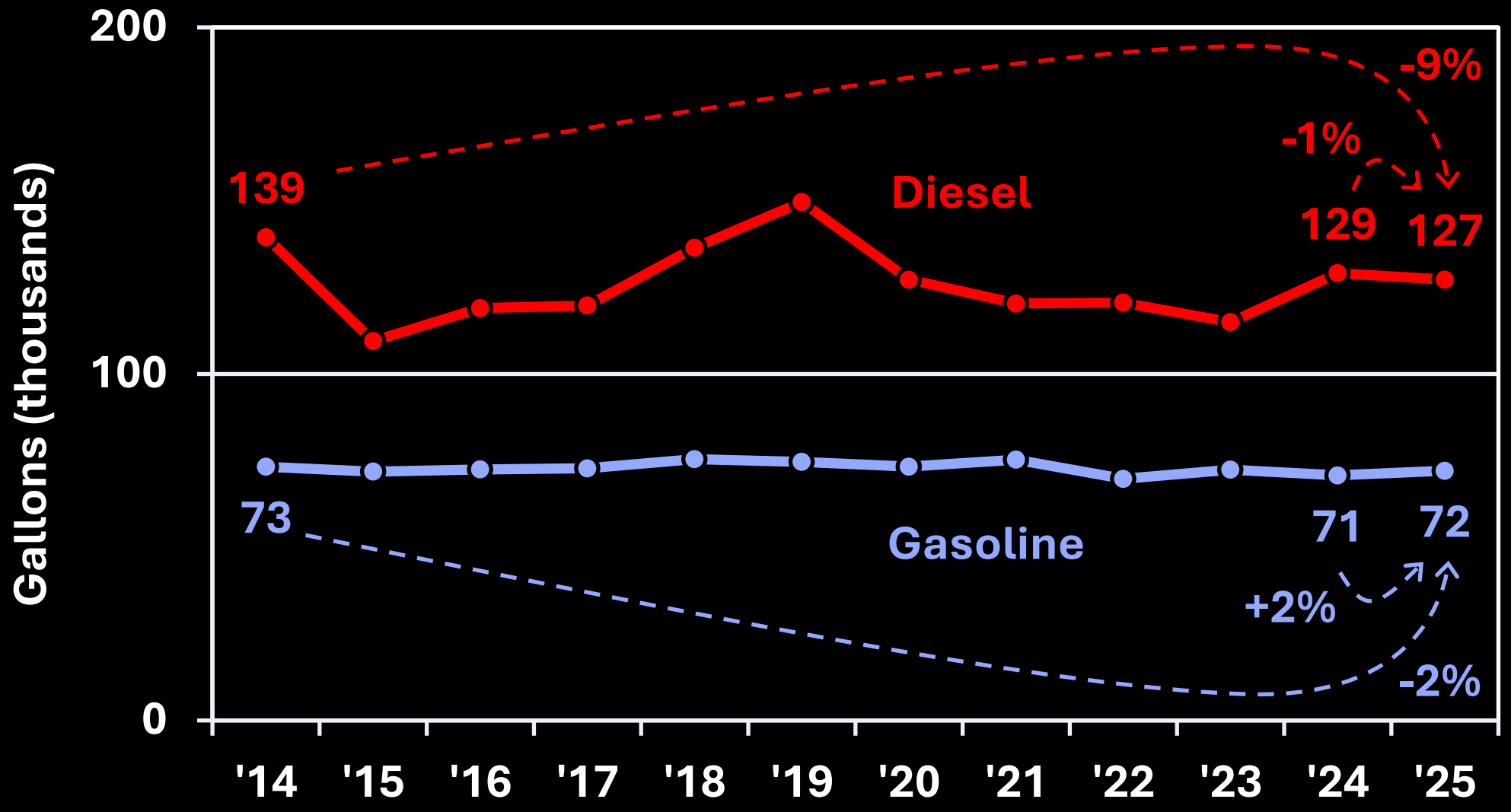
County Government

Vehicle Fuel Usage, 2014 - 2025



County Government

Vehicle Fuel Usage, 2014 - 2025



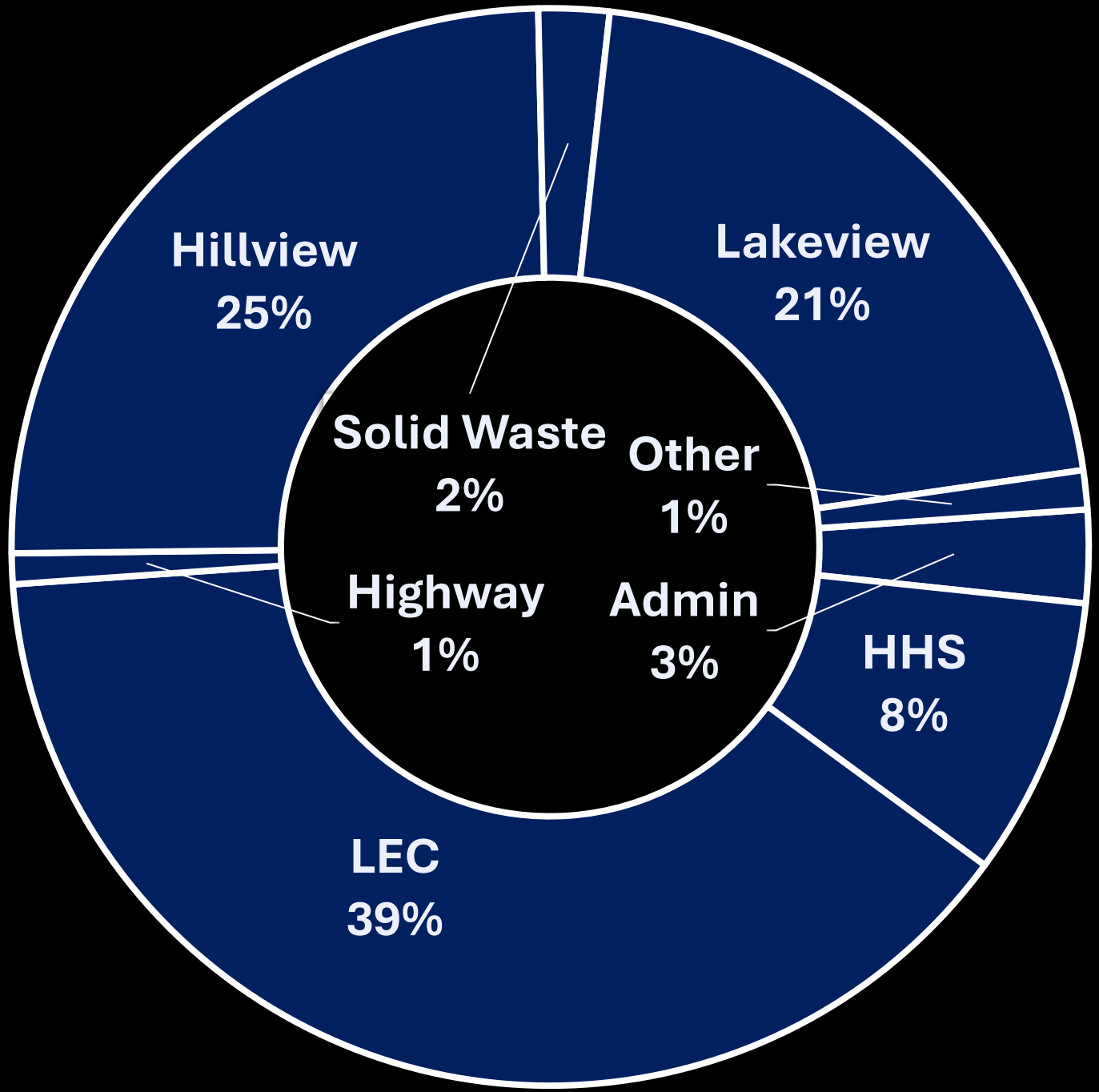
Cumulative Cost Savings (2015-2025): $0.5 M

County Government

Natural Gas Usage, 2025

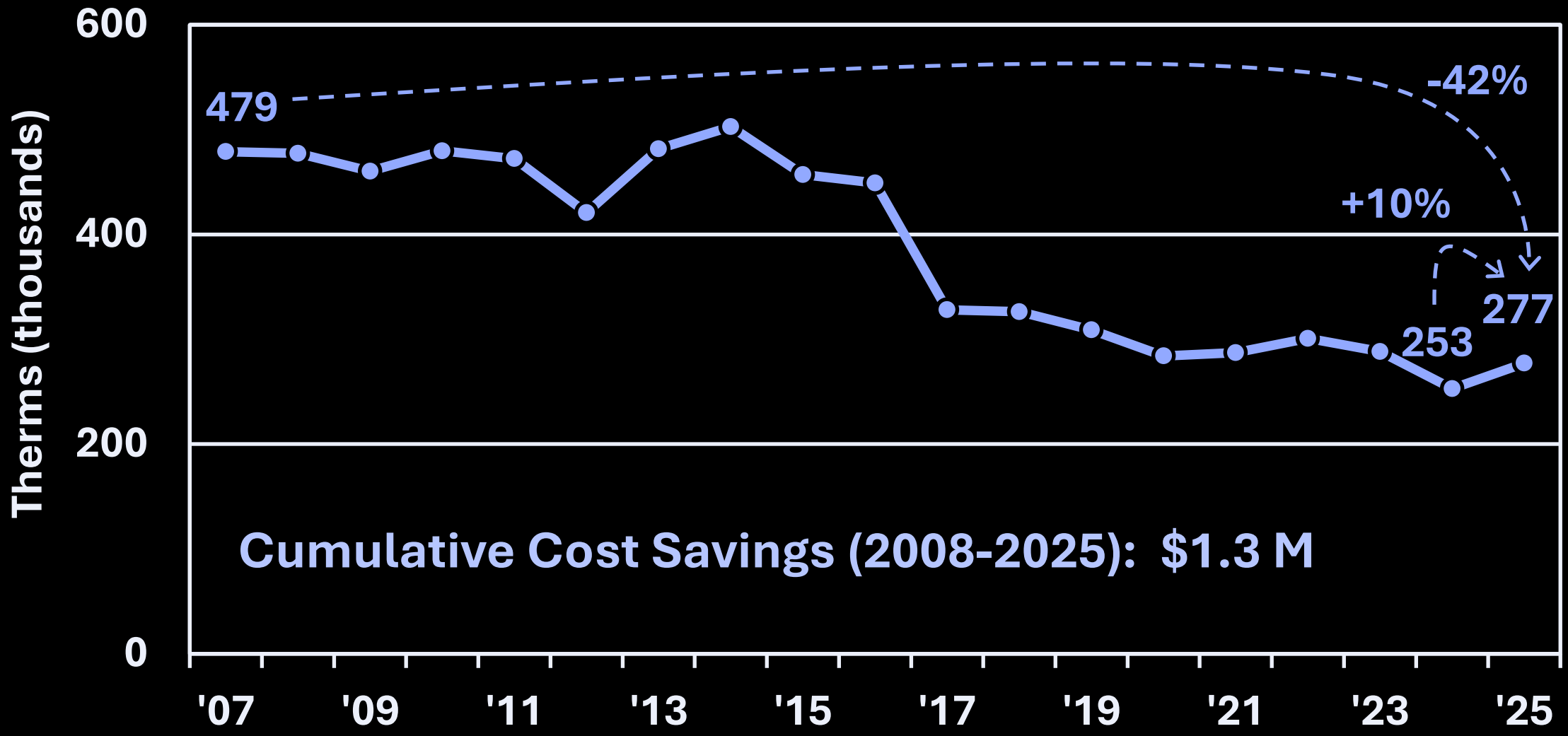
~ 277,000 therms





County Government

Natural Gas Usage, 2007-2025

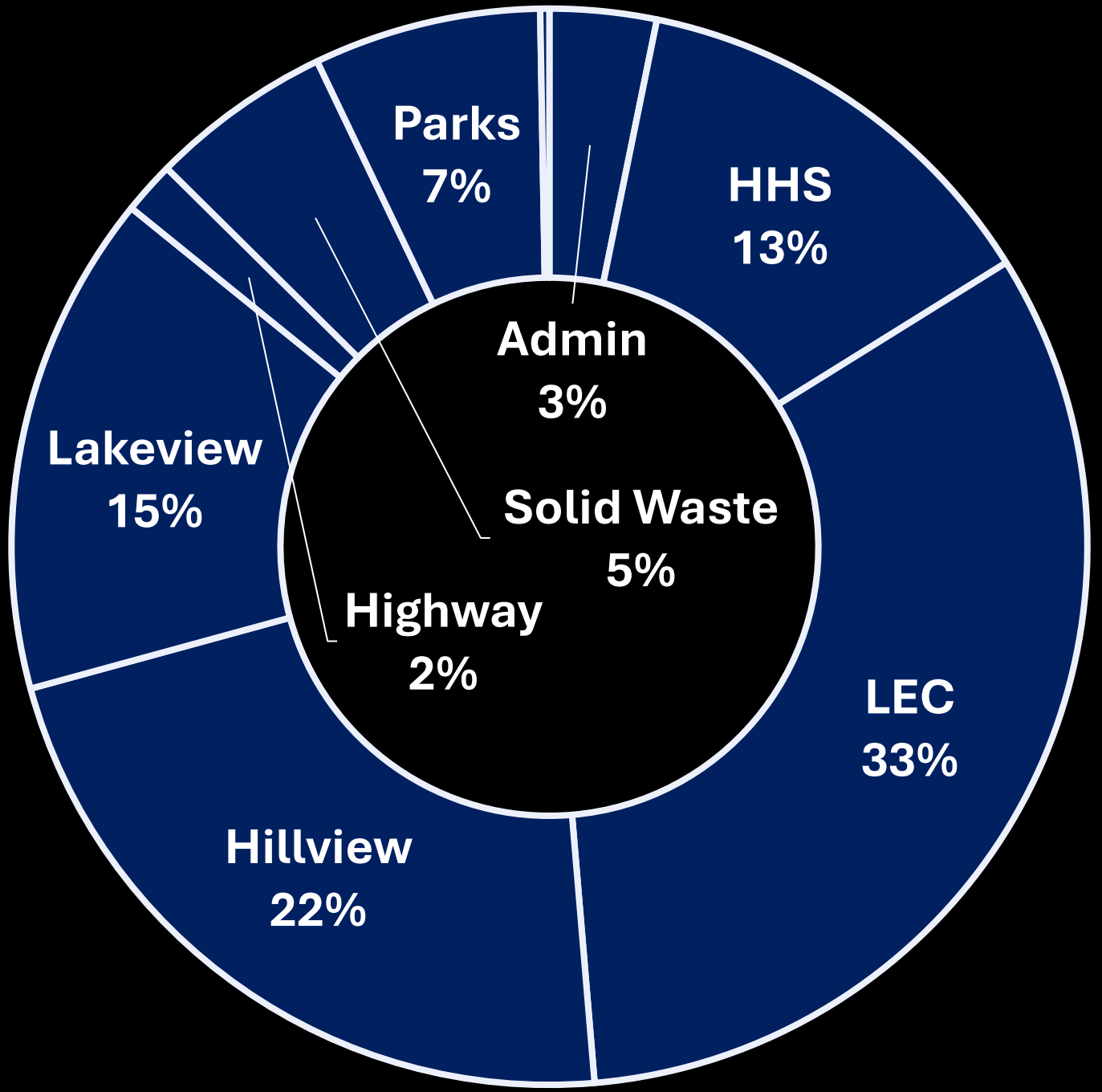


County Government

Electricity Usage, 2025

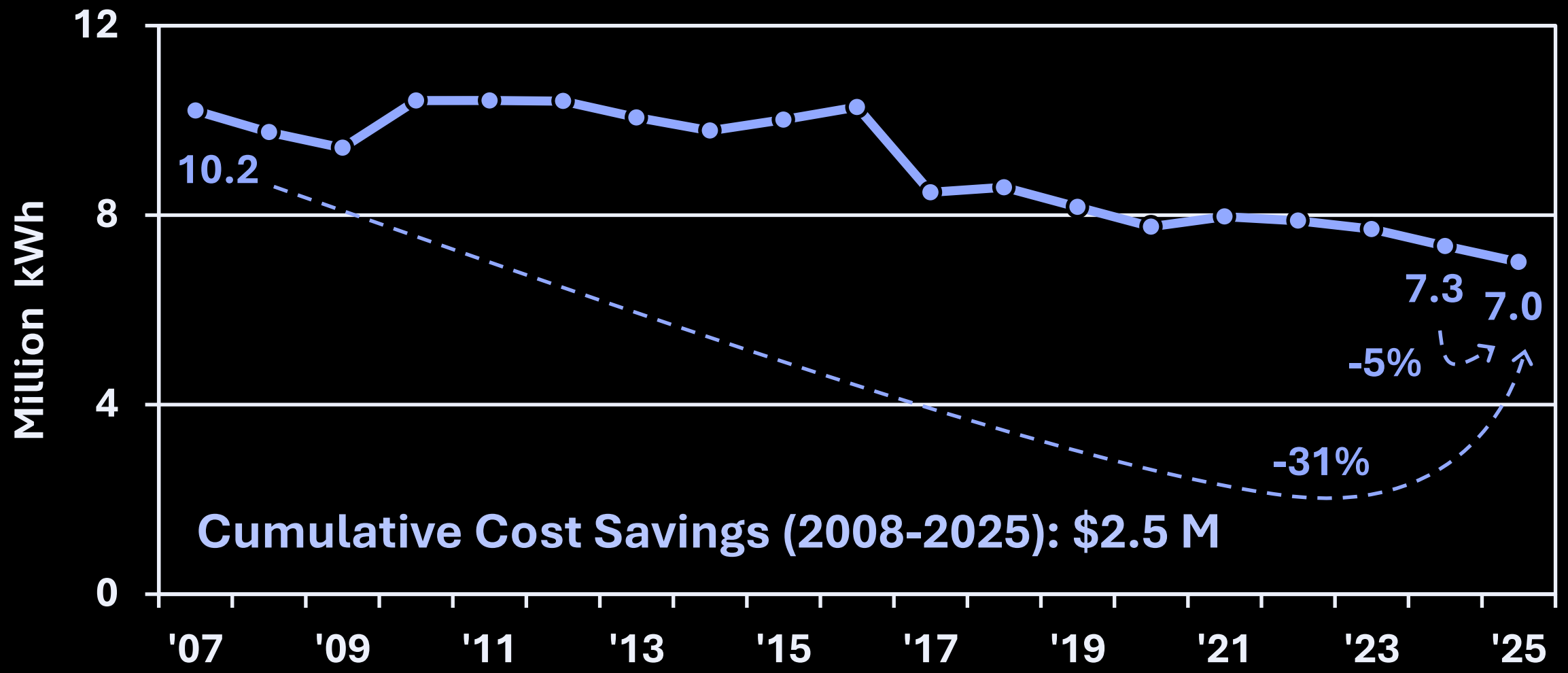
7.0 million kWh (net grid usage)





County Government

Net Grid Electricity Usage, 2007 - 2025



County Government
Solar Arrays

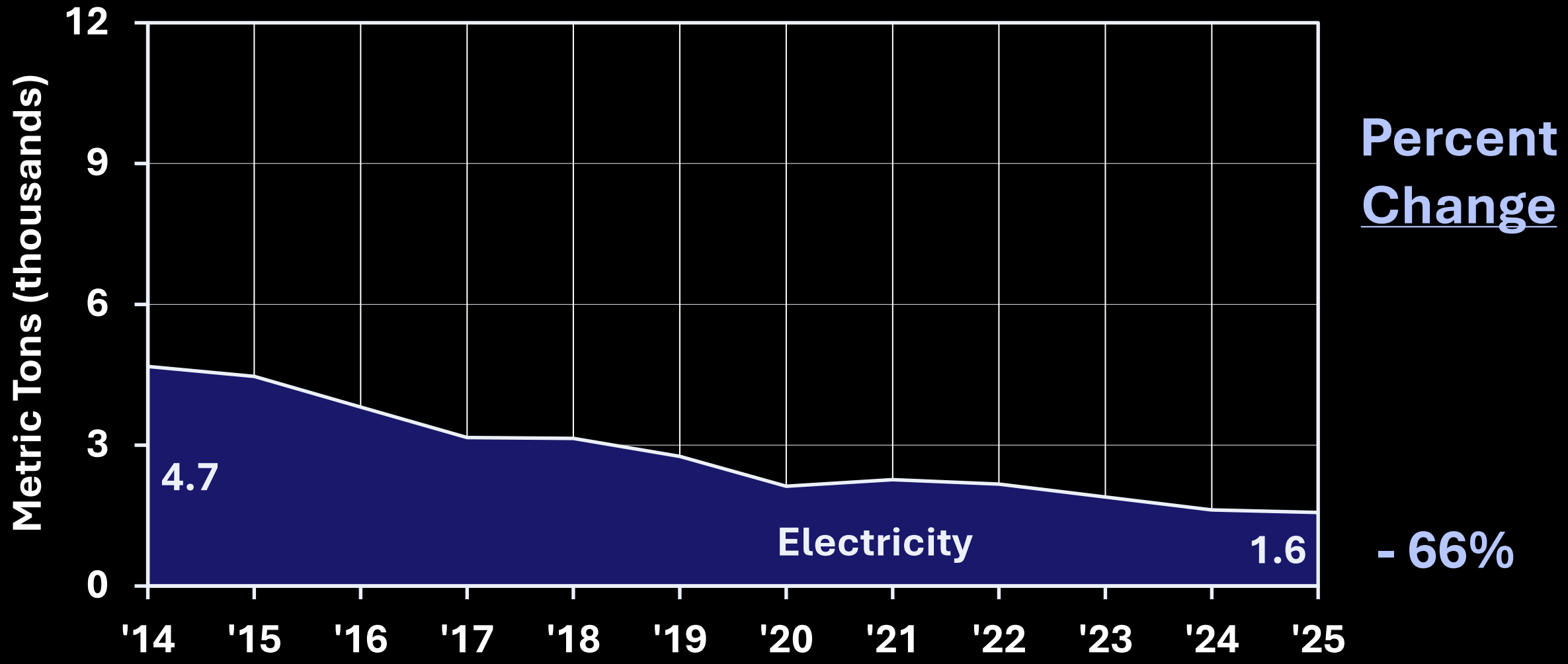
Array Location	In Service
Goose Island	Mid ‘24
Lakeview	
Admin Center	
WS Hwy Shop	
St. Joe’s Hwy Shop	
LEC	Feb ‘25
HHS	Dec ‘25
Hillview	Jan ‘26



Produced 877,000 kWh in 2025
11% of total electricity usage

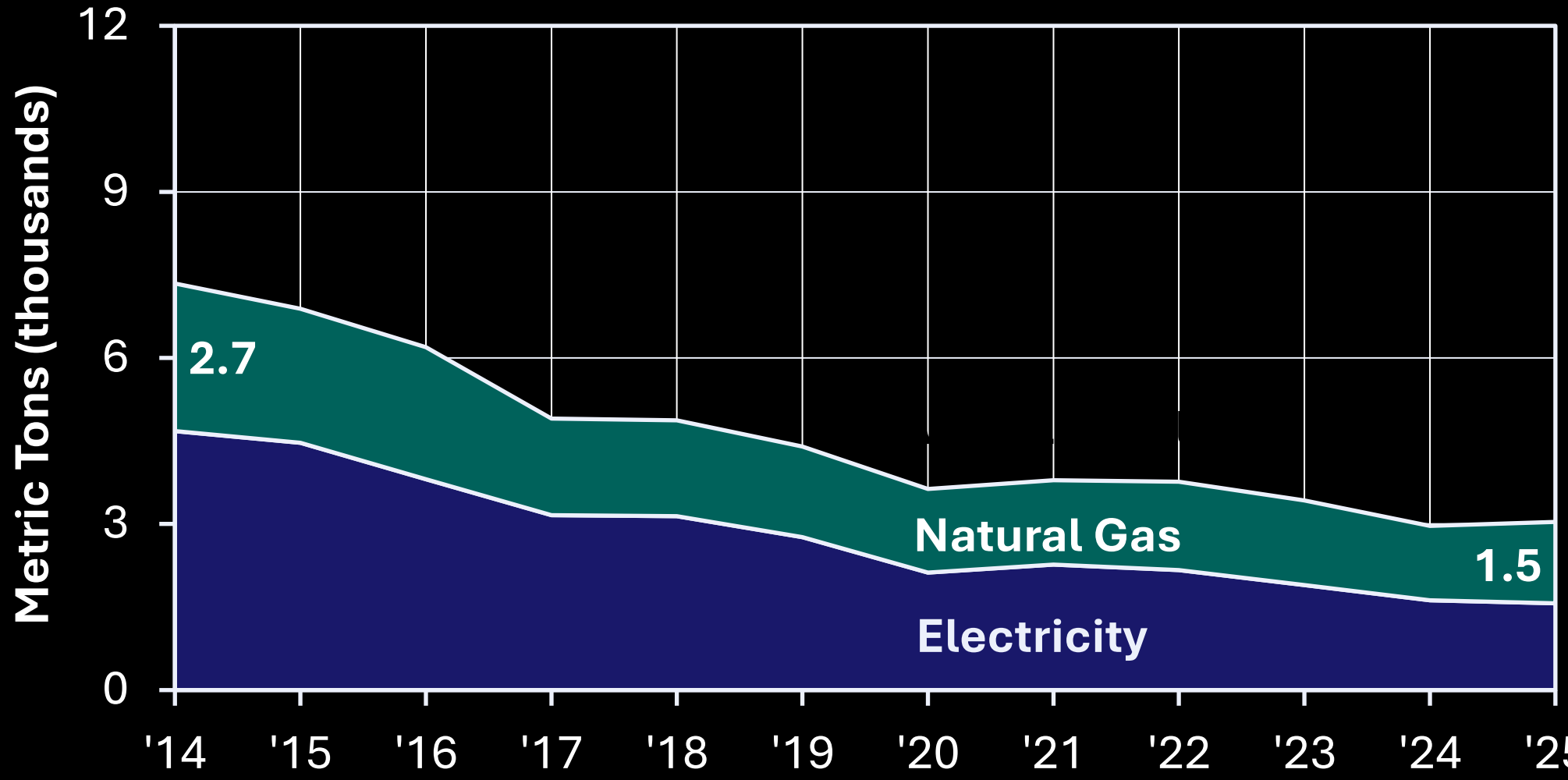
County Government

CO_2 Emissions From Energy Use, 2014 - 2025



County Government

CO_2 Emissions From Energy Use, 2014 - 2025

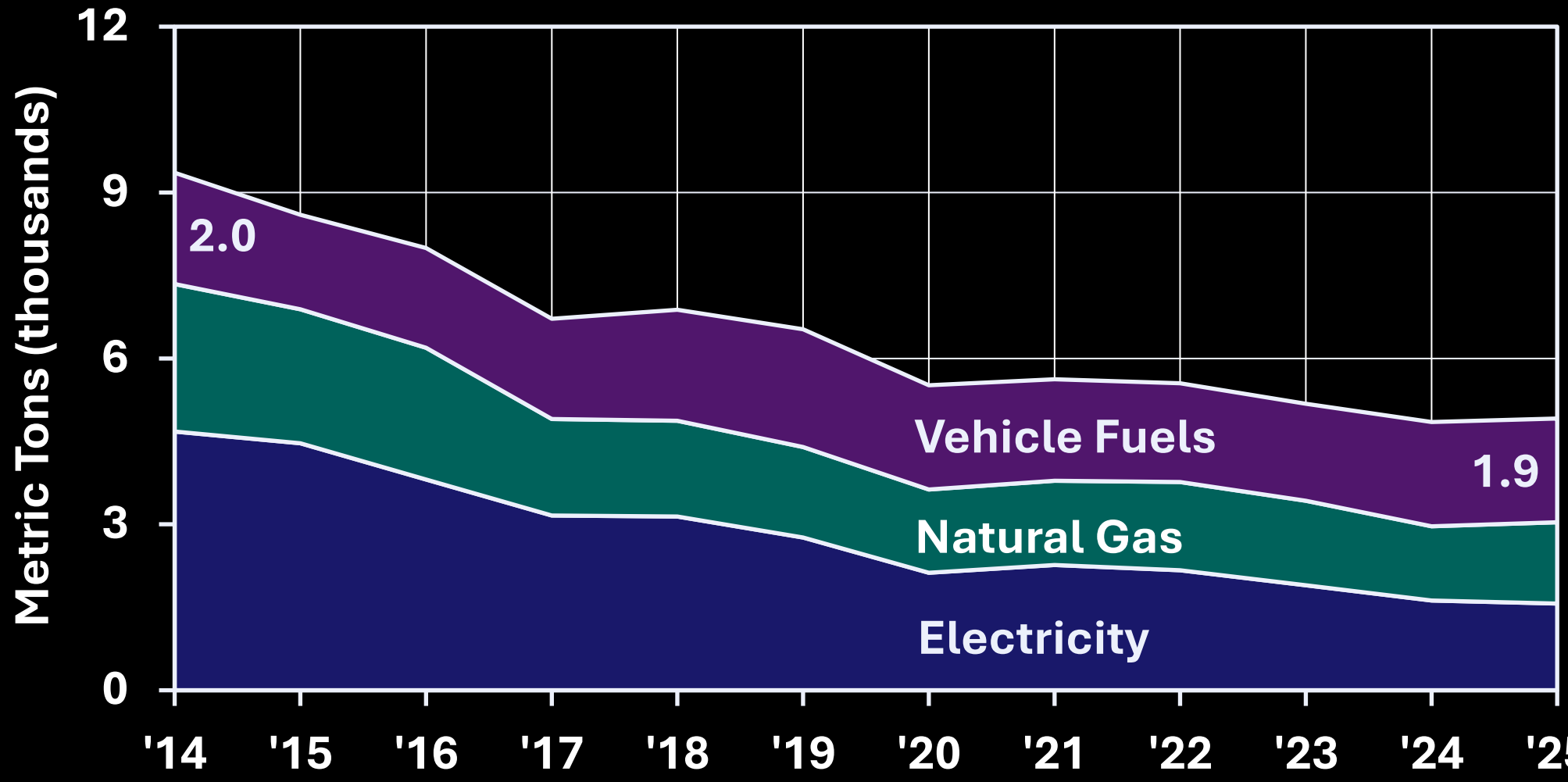


Percent Change

- 45%

County Government

CO_2 Emissions From Energy Use, 2014 - 2025

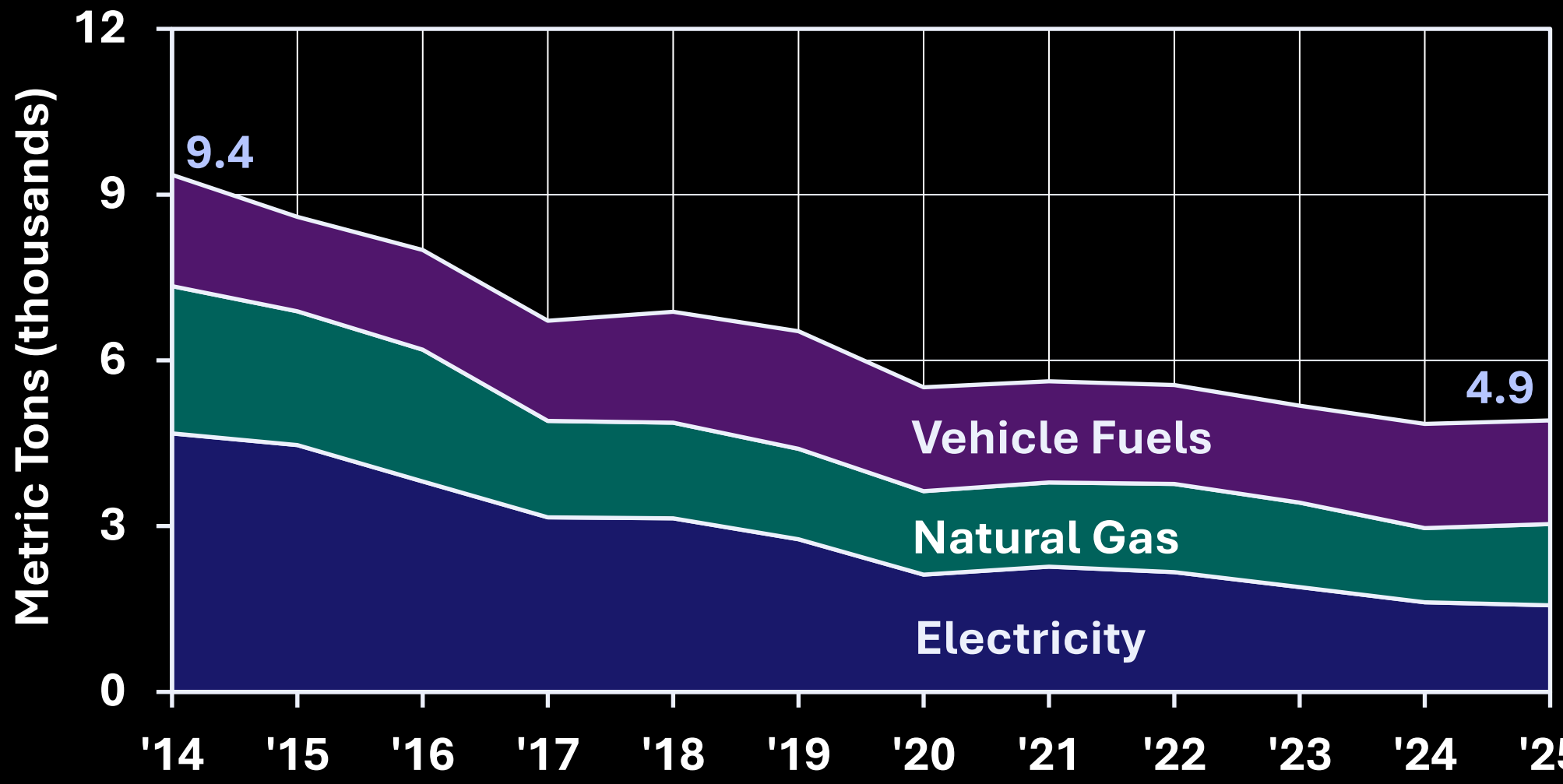


Percent Change

- 7%

County Government

CO_2 Emissions From Energy Use, 2014 - 2025

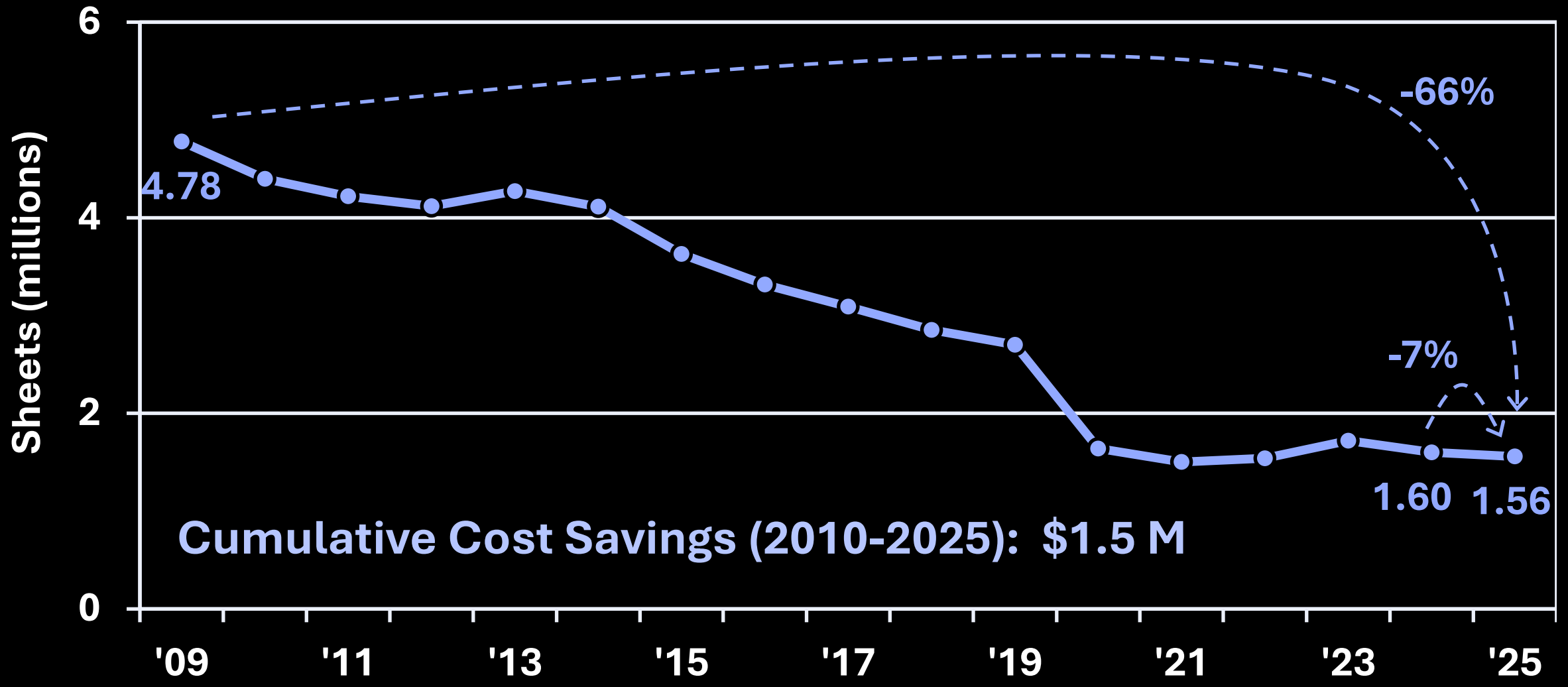


Percent Change

- 47%

County Government

Paper Usage, 2009 - 2025



County Government

Cumulative Savings from Efficiency & Conservation



Vehicle Fuels, ’15-’25 :	$ 0.5 M
Natural Gas, ’08-’25 :	$ 1.3 M
Electricity, ’08-’25 :	$ 2.6 M
Paper, ’10-’25 :	$ 1.5 M
Total:	$ 5.9 M

County Government

Summary

- **Significant reductions in resource usage**
  - record low grid electricity consumed in 2025

- **Significant benefits realized**
  - smaller carbon footprint
  - cost savings

- **Significant progress still needed**
  - to achieve carbon neutrality by 2050 (per resolution)

Thank You!

Anders Olson
anders@sustainanalytics.com



County Government

Moving toward carbon neutrality

- Continue to reduce energy usage
- Produce renewable energy on-site
- Purchase green electricity
- Switch from fossil energy to cleaner alternatives
  - natural gas → heat pump (geothermal/air source)
  - fossil fuel vehicles → electric vehicles

County Government

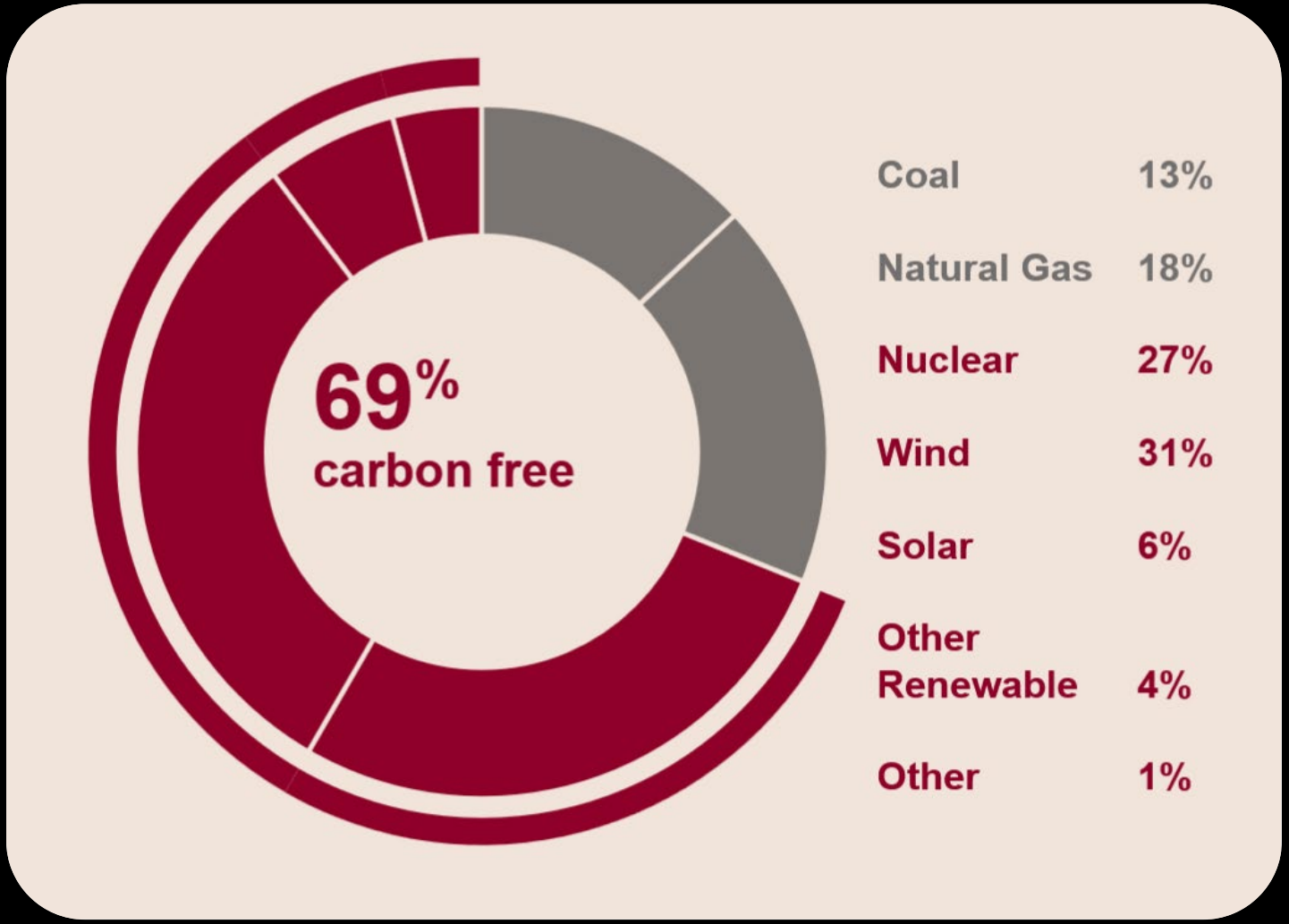
Moving toward carbon neutrality

Xcel Energy aspires to provide carbon-free electricity AND net-zero natural gas by 2050



Xcel Energy, Upper Midwest Region

Electricity Energy Mix, 2025



CO_2 intensity from 2005

2025: -62%

2030: -80%

2050: -100%