



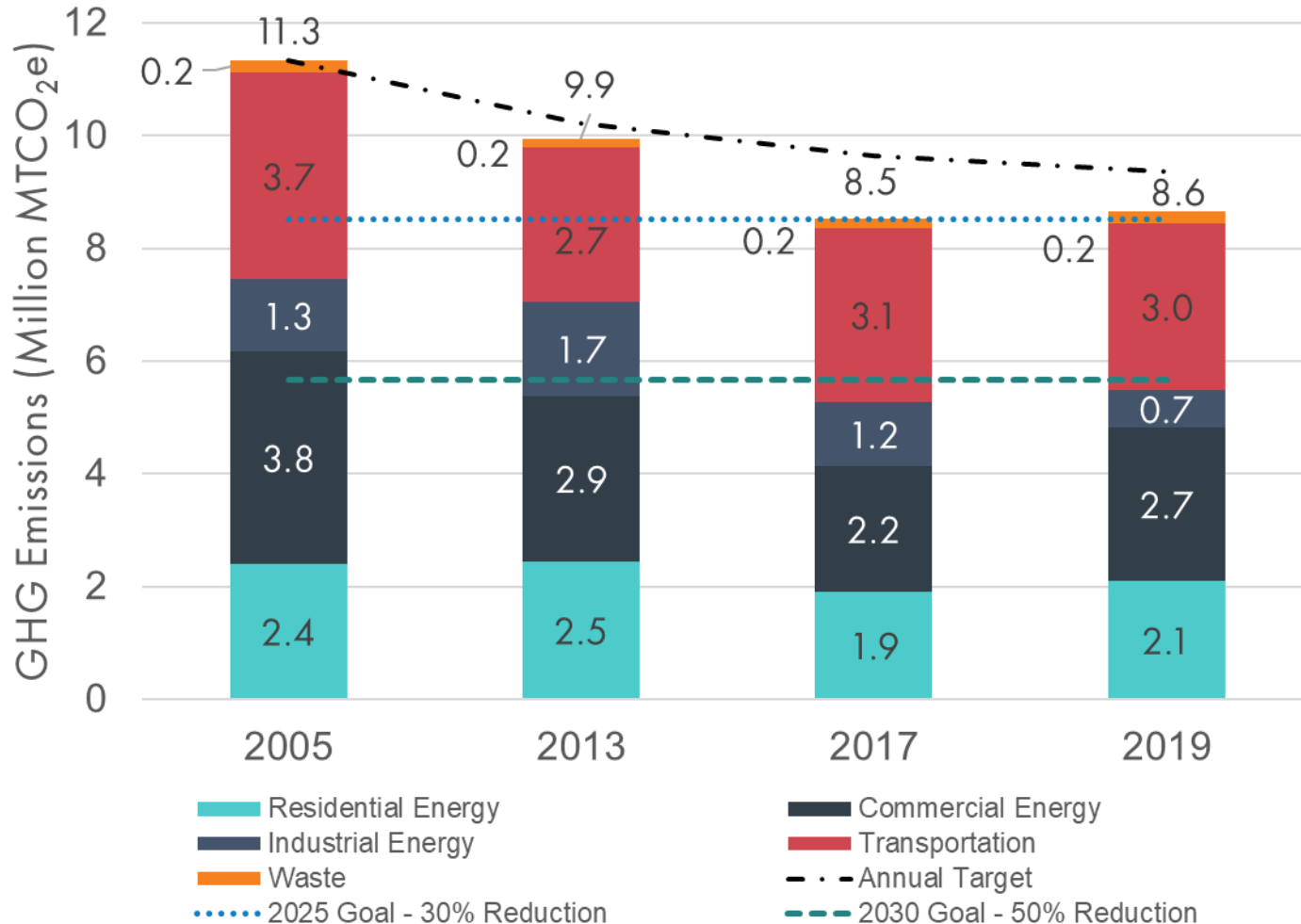
CLIMATE PROTECTION & RESILIENCY PLAN

2019 Emissions Inventory Update

Emissions reduction goals

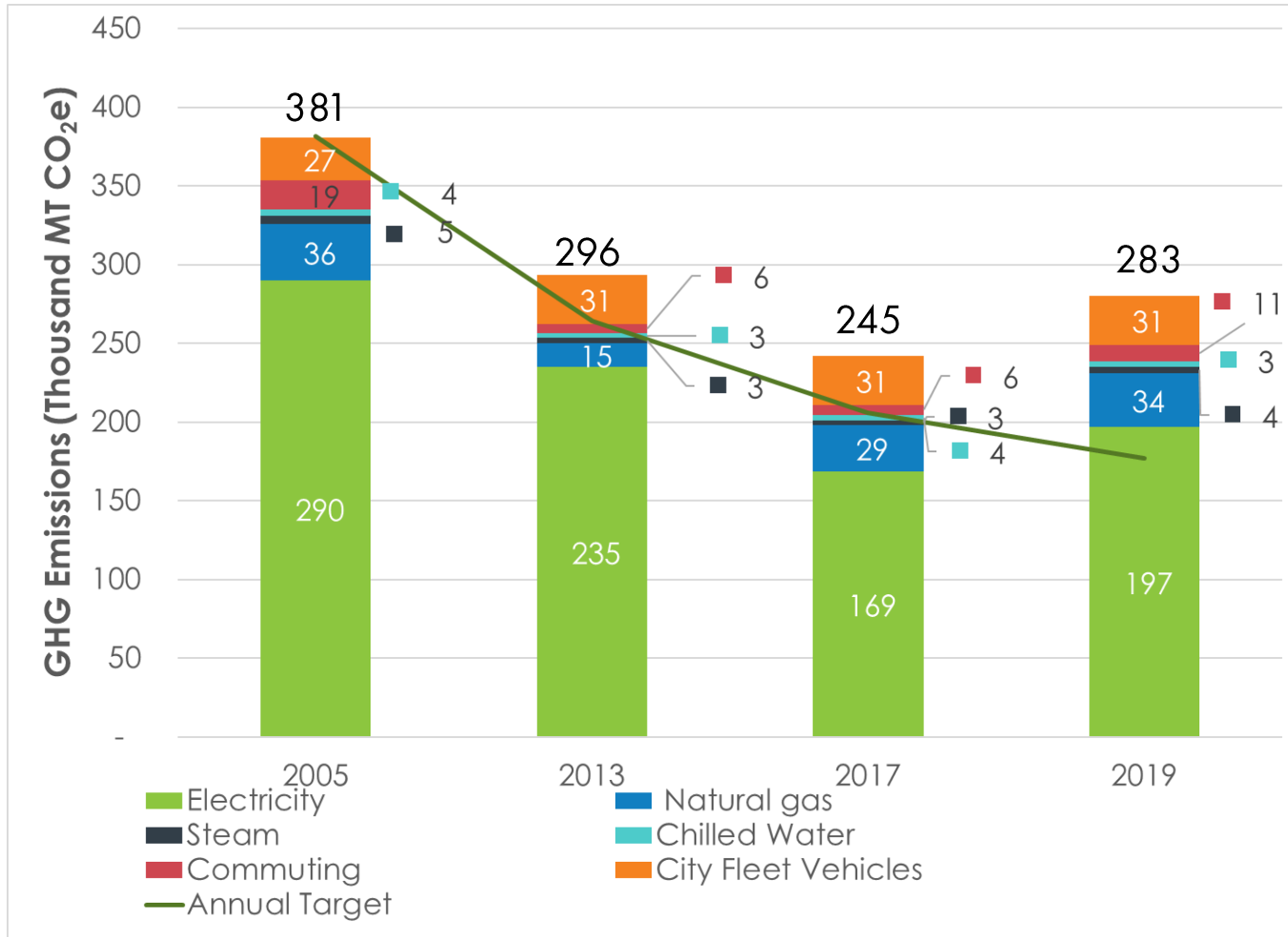
- Reduce city-wide greenhouse gas emissions 30% below 2005 levels by 2025 and 50% by 2030, with a goal of being climate neutral by 2040, including a 100% reduction for emissions related to electricity consumption by 2030.
- Reduce greenhouse gas emissions from City municipal operations 70% below 2005 levels by 2025, with a goal of being climate neutral by 2030, including a 100% reduction for emissions related to electricity consumption by 2022.

GHG Emissions in Kansas City (2005-2019)



- 24% reduction in GHG emissions from 2005 to 2019
- On track to hit 2025 goals.
- Largest emissions source shifted from commercial energy to transportation
- Significant sources of emissions reduction:
 - Electricity generation shifting to cleaner sources
 - Reduction in industrial emissions
 - Transportation emissions decreased 5%

Municipal GHG Emissions (2005-2019)



- Municipal Emissions 26% below 2005
- Significant progress needed to hit 2025 goal of 70% Reduction
 - Will meet target if goal of 100% electricity from renewable energy is met.
- Commuting emissions dropped 42% though they have increased since 2017.
- Emissions from fleet vehicles have increased since 2005.