



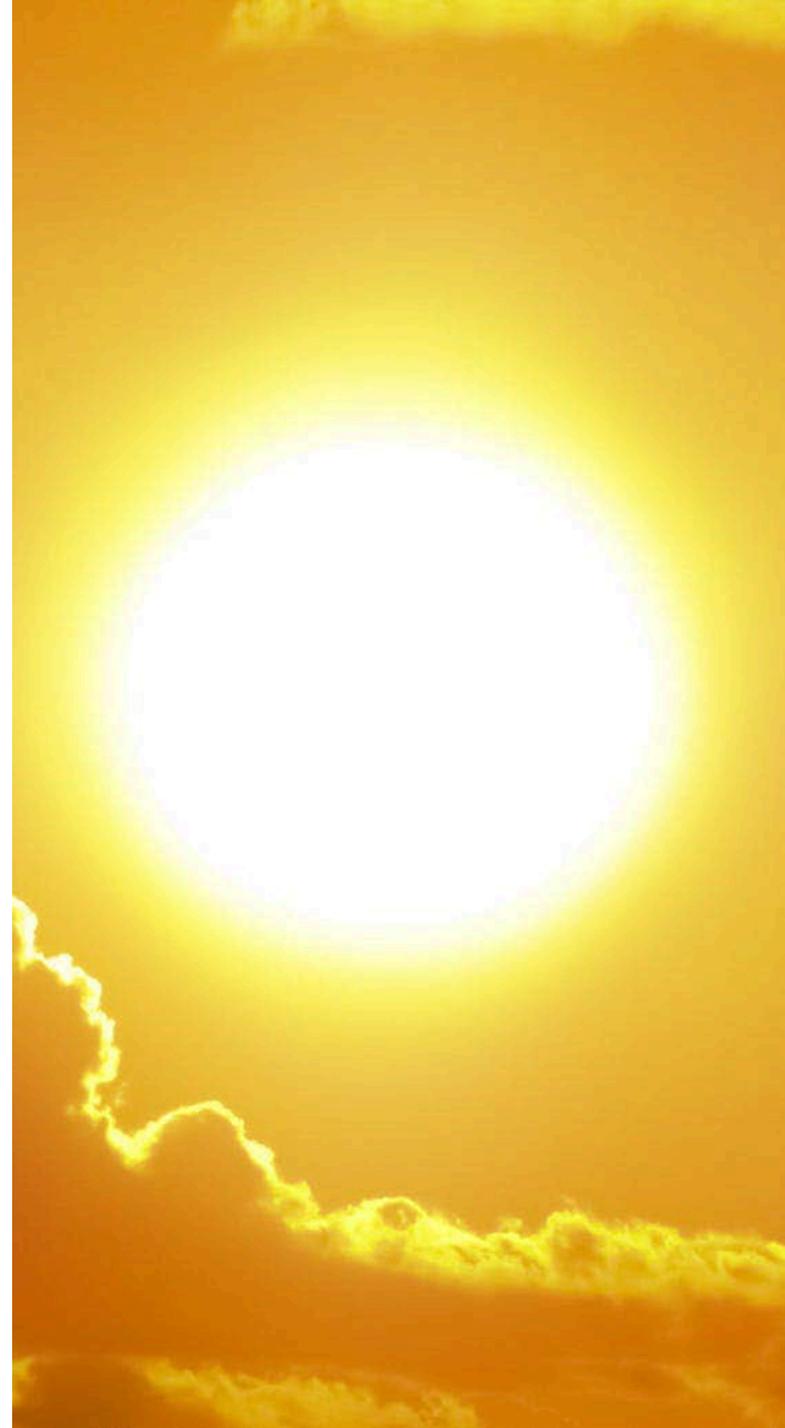
# SARATOGA CLIMATE ACTION PLAN

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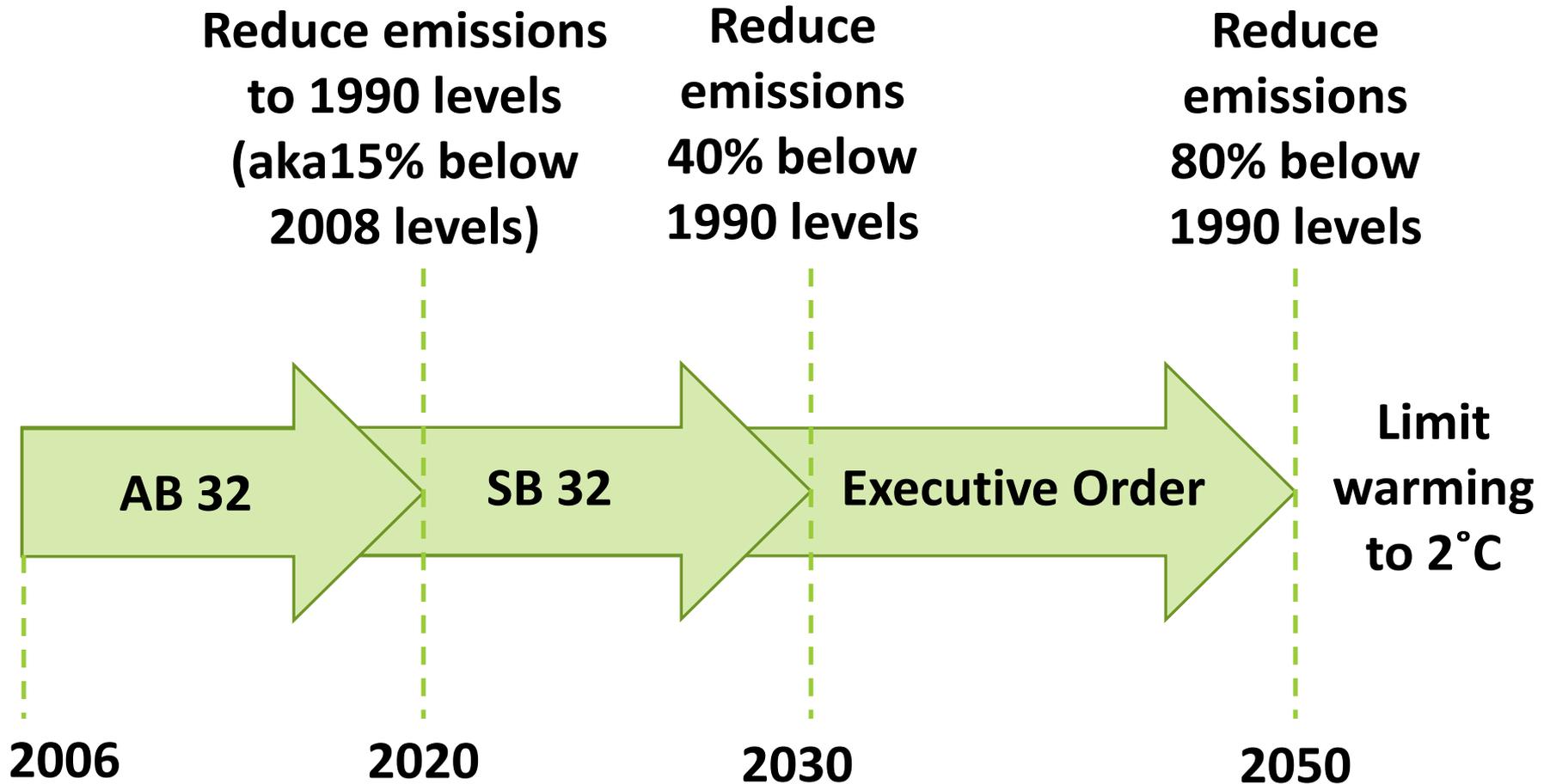
April 7, 2020

**O'Rourke** & Associates

*The purpose of a Climate Action Plan is to reduce community and municipal greenhouse gas emissions to a level that will lessen climate change impacts and create a sustainable planet.*



# Statewide GHG Reduction Goals



# Climate Action Plan (CAP) Requirements

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1. Quantify emissions for jurisdiction
2. Forecast emissions under a “business-as-usual” scenario for a target year
3. Set a goal
4. Identify State actions that will reduce emissions
5. Identify local actions to meet goal

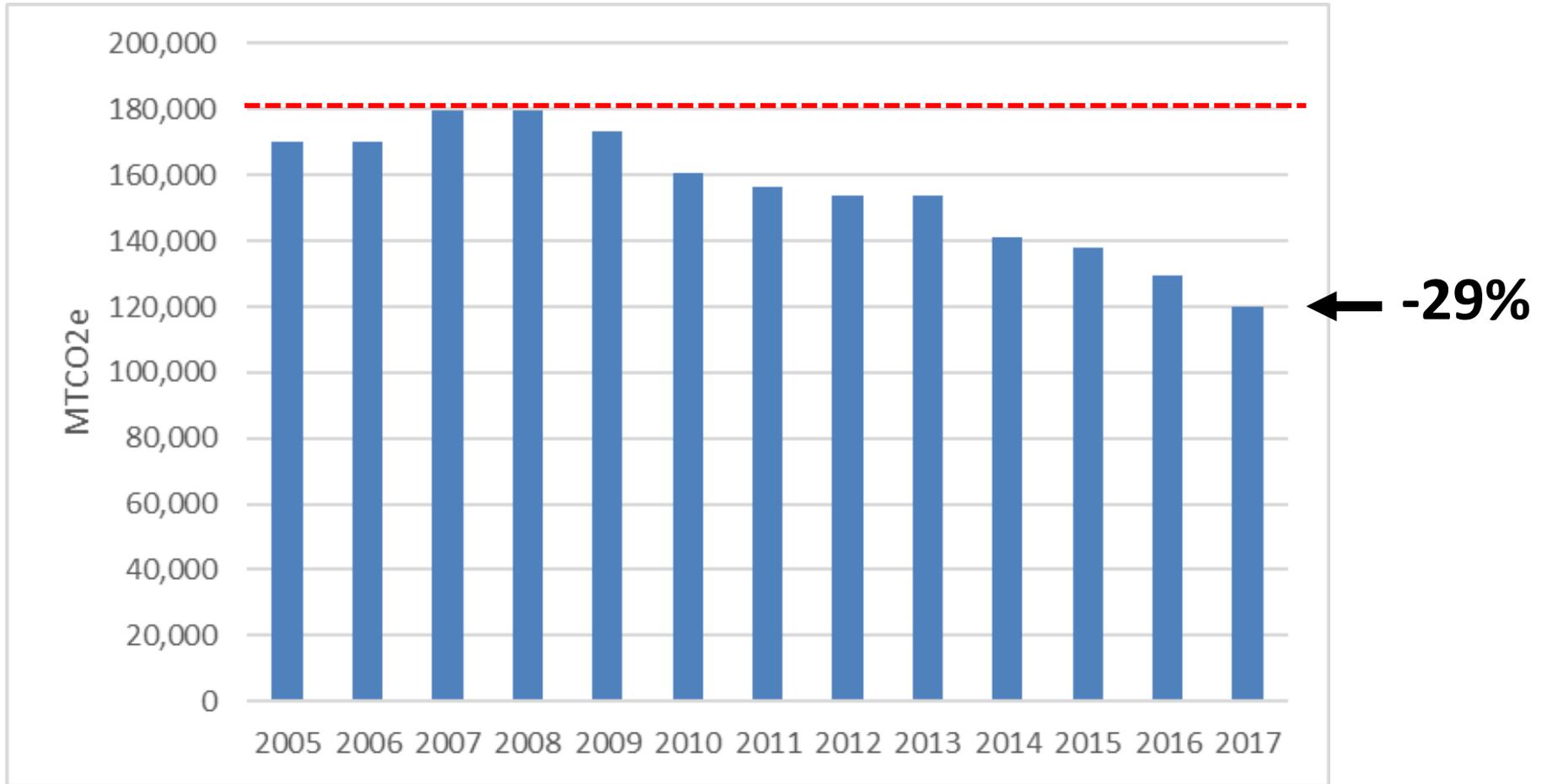
# Saratoga's Efforts

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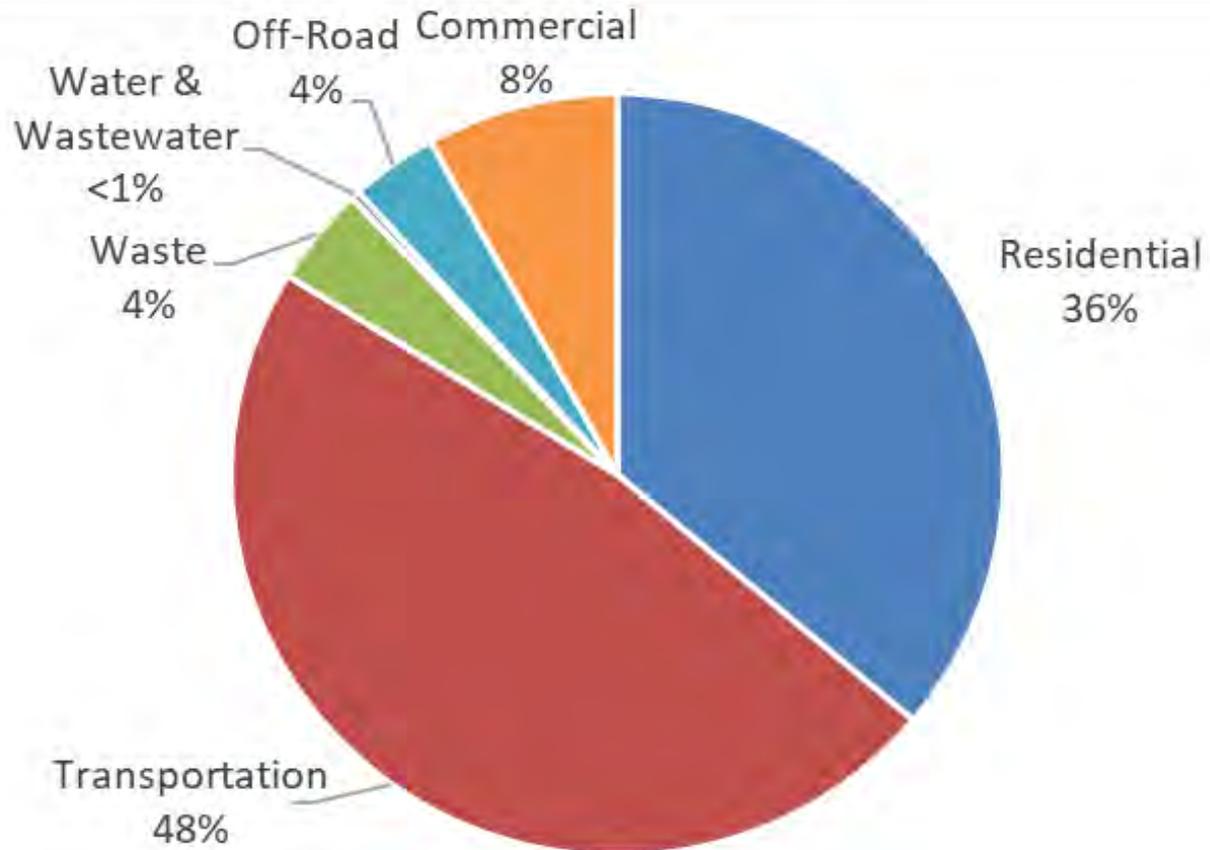
- Installed solar panels on library and Corporation Yard
- Installed cool roofs on community center, theater and City Hall
- Converted streetlights to LED
- Installed EV chargers at downtown, City Hall and library
- Implemented Green Business practices in City operations
- Require new construction to install electric space and water heating, pre-wire for electric appliances if using natural gas, and install second EV charger



# Trend in Saratoga Community Emissions

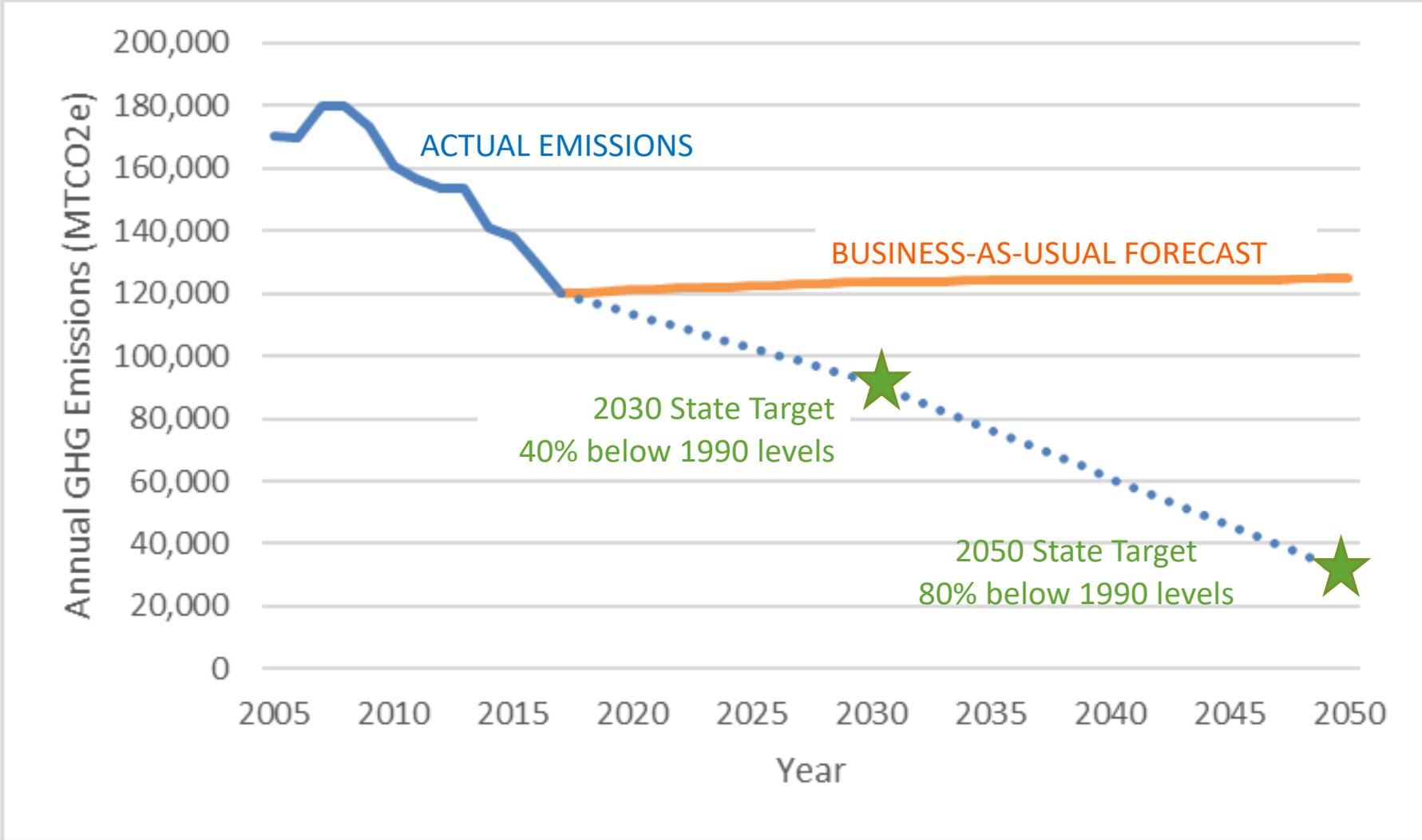


# Saratoga Emissions by Sector, 2017

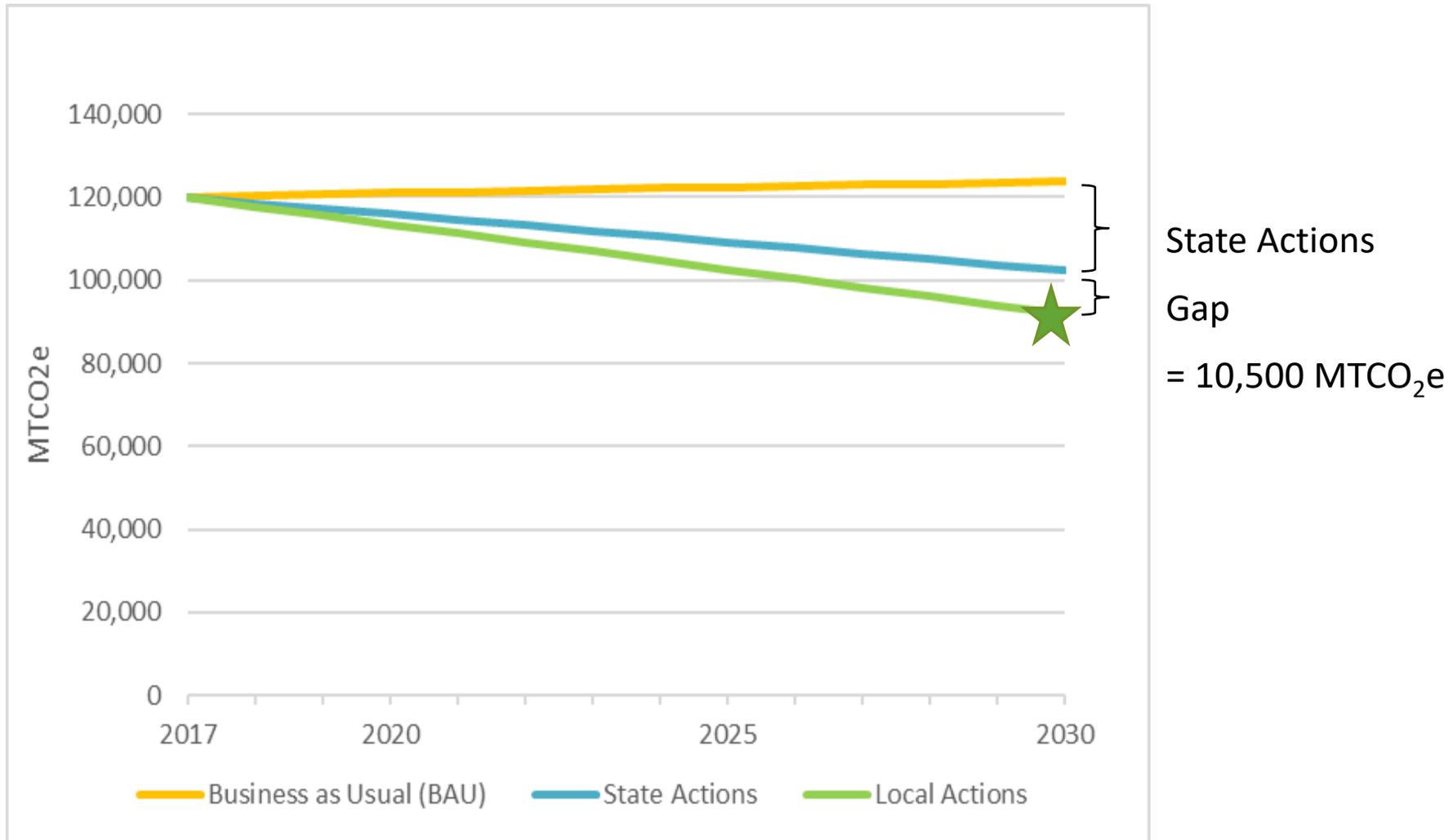


**120,000 MTCO<sub>2</sub>e**

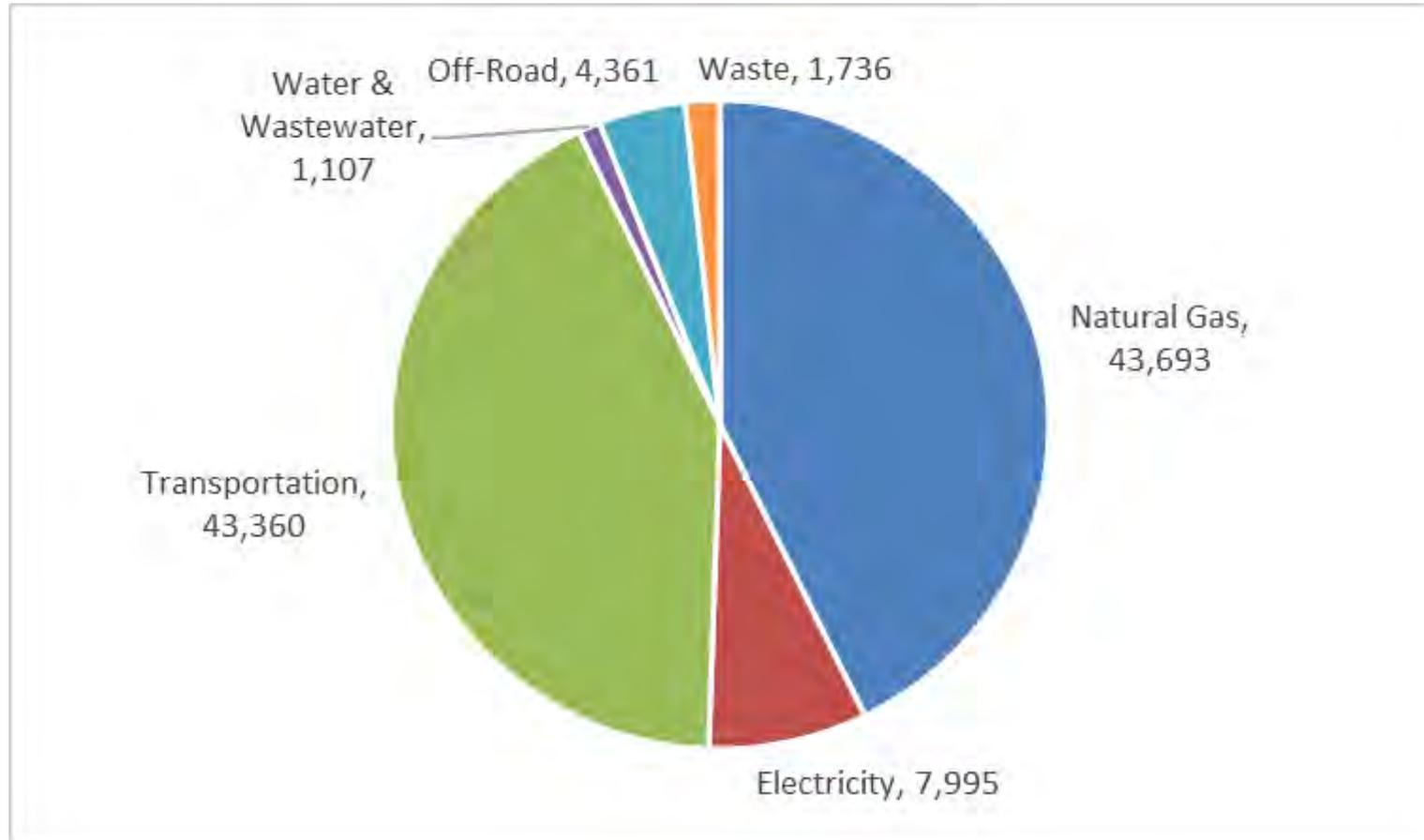
# Emissions Trend, BAU Forecast and Reduction Targets



# Gap Analysis



# Where are the Opportunities to Reduce Community Emissions on the Local Level?



Gap is 10,500 MTCO<sub>2</sub>e

# Climate Action Plan Adoption

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- CAP will be adopted as a stand-alone document when the General Plan Update is adopted
- Will facilitate future updating of the CAP to accommodate new targets and actions
- Will be able to be used to streamline GHG analysis of new development under CEQA

Questions?