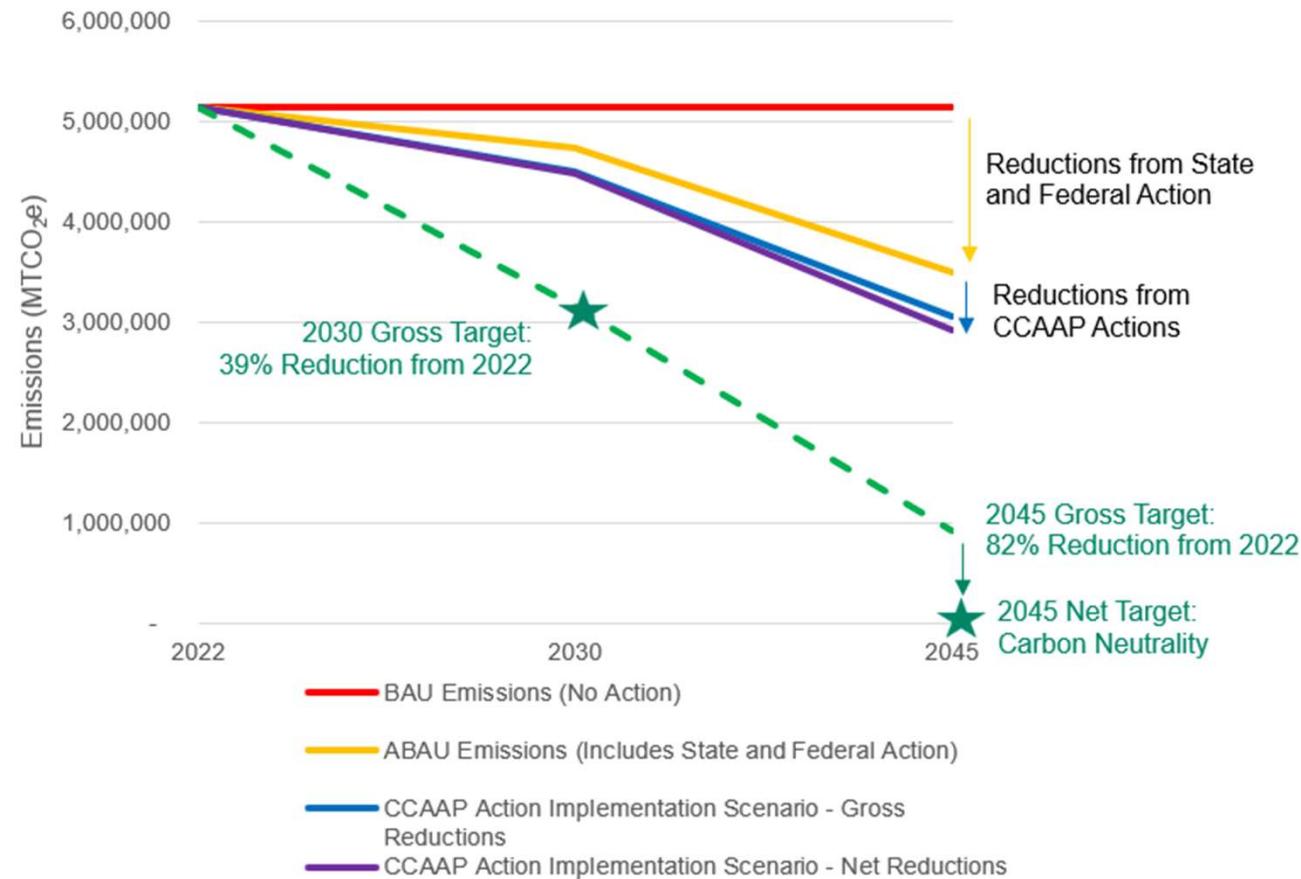


# **GHG Mitigation Action – Quantification Summary**



# CCAAP Action GHG Mitigation Impact

- Targets:
  - 39% reduction by 2030
  - 82% reduction and carbon neutrality by 2045
- CCAAP actions:
  - 13% reduction by 2030
  - 41% reduction by 2045
- CCAAP actions alone will most likely not achieve the targets



# Barriers to Target Achievement

- The CCAAP actions do not represent a comprehensive list of all feasible actions.
- While meeting targets and limiting warming to 1.5°C remains technologically feasible, significant institutional and financial barriers make this outcome increasingly unlikely.
- Most major regional emission sources fall partly or entirely outside the control of local governing bodies.
  - State regulations, such as building and energy codes not included in current forecasts, may enable future regional reductions, while new federal rulings could make local or state climate action more challenging.
- Even if targets are not met, every ton avoided matters as even partial reductions slow climate change, reduce future damages, and provide additional community benefits.
  - The CCAAP actions could prevent 100-160 new cases of asthma, 30-50 emergency room visits, and 20-30 deaths from pollution-related illnesses from 2027-2045