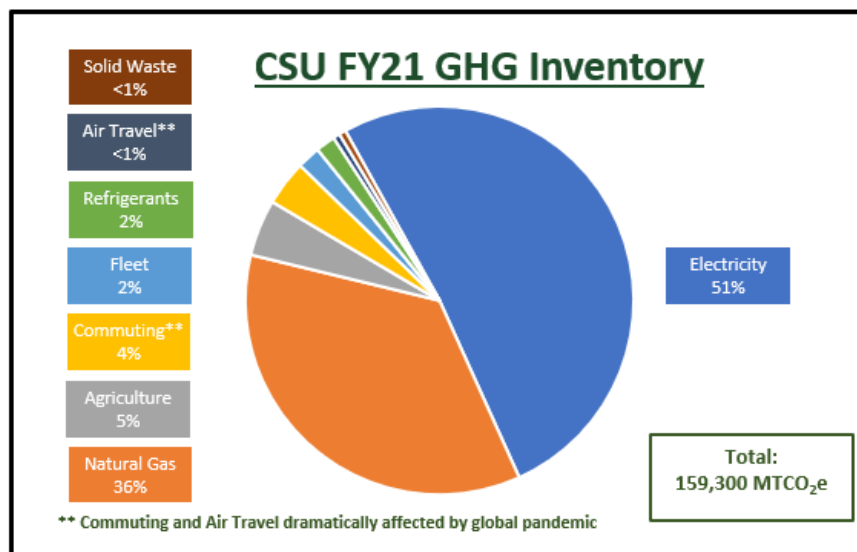


CSU Climate Action Plan Summary

To achieve CSU's goal of carbon neutrality by 2040, CSU must eliminate greenhouse gas (GHG) emissions. CSU's FY21 GHG Inventory was 159,300 MTCO₂e*.



2022 Summary of GHG Reduction and Mitigation Strategies

CSU will support and pursue the following strategies to address each of the eight emissions sources. These reduction and mitigation strategies will enable CSU to achieve carbon neutrality by 2040.

Electricity & Natural Gas part 1 - Energy Use in Buildings

FY21 Emissions: 138,600 MTCO₂e

- Existing Building Energy Efficiency: Retrocommissioning and deep energy retrofits
- High-Performance New Construction: Prevention and reduction of future emissions
- Outreach and Behavioral Engagement: Individual actions focused on energy conservation

Electricity & Natural Gas part 2 - Energy Sources

- Renewable Electricity (RE): Ongoing RE development on CSU lands and campus rooftops
- Beneficial Electrification (BE): Implementation of additional BE projects, adopt "no new combustion" standard on campus, convert district energy systems to low-carbon alternatives
- Utility & State Policies: Support utility industry and State RE policy development and adoption

Airline Travel (FY21 emissions low due to global pandemic)

FY21 Emissions: 900 MTCO₂e

- Implementation of the Airline Travel Offset Program to reduce air travel and offset emissions

Commuting (FY21 emissions low due to global pandemic)

FY21 Emissions: 6,000 MTCO₂e

- Reduce employee and student single-occupancy vehicle (SOV) commuting to CSU campuses

Agriculture

FY21 Emissions: 7,500 MTCO₂e

- Implementation of tactics to reduce emissions from fertilizer use and animal husbandry

Fleet Vehicles

FY21 Emissions: 3,100 MTCO₂e

- Optimize fleet: Improve fleet fuel efficiency, right size fleet vehicles, downsize fleet where feasible
- Electrification of the fleet: Transition to electric and zero emission vehicles

Refrigerants

FY21 Emissions: 2,600 MTCO₂e

- Carry on best practices for refrigerant use and management

Solid Waste

FY21 Emissions: 900 MTCO₂e

- Continue diversion of material from the landfill through recycling and composting practices

*Metric tons of carbon dioxide-equivalent (MTCO₂e)