

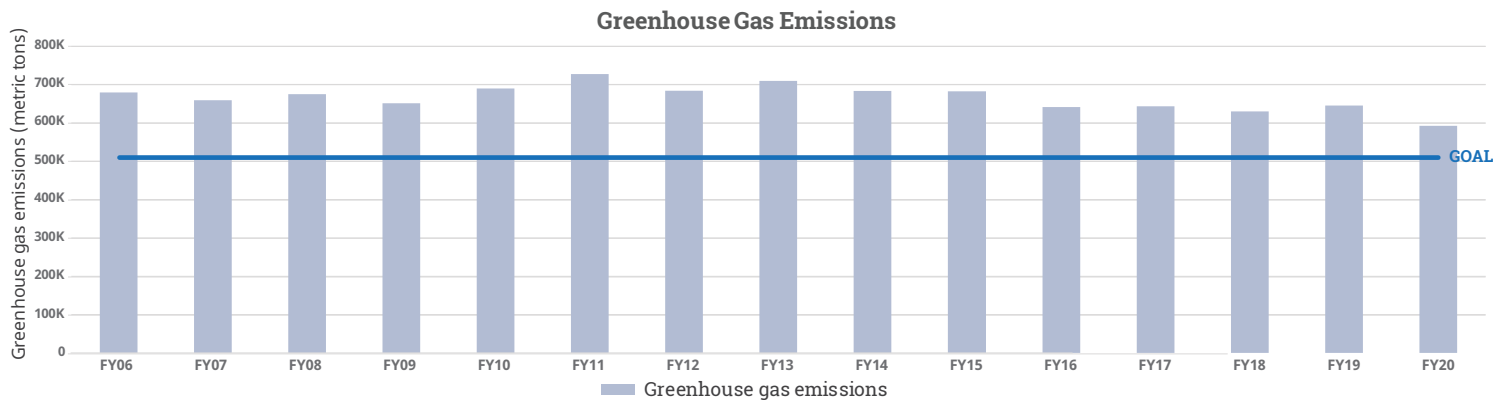


# FY20 SUSTAINABILITY GOAL FACT SHEET

## Climate Action: Greenhouse Gas Reduction

**GOAL:** REDUCE GREENHOUSE GAS EMISSIONS 25% BY 2025

**STATUS:** 13% REDUCTION

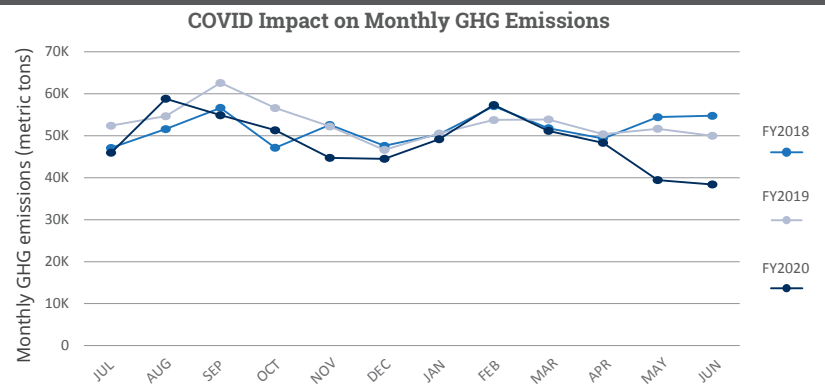


GHG emissions have decreased 13% despite a 33% increase in building area since FY06.

## COVID-19 IMPACT

Reductions in campus operations in the fourth quarter significantly reduced energy use.

**Note:** DTE's shift toward cleaner fuels also contributed a 3% drop in U-M's overall GHG emissions.



## KEY INITIATIVES

- **Energy conservation:** Since 2006, U-M has reduced energy use in general fund buildings by 25% while increasing building space by 2.1 million square feet.
- **Central Power Plant expansion:** Construction is ongoing with estimated completion in FY22. A cumulative reduction of more than 400,000 metric tons of CO<sub>2</sub> is expected within the first 10 years of operation.
- **President's Commission on Carbon Neutrality (PCCN):** The PCCN, charged with recommending scalable and transferable pathways for U-M to achieve net zero emissions, released draft recommendations pertaining to heating and cooling infrastructure, renewable energy, vehicle electrification, campus culture and communication, and more for public comment in December 2020.

## NEXT STEPS

- **PCCN:** Plans to submit its final recommendations to President Schlissel in February 2021, exploring emission reduction efforts beyond achieving the 2025 GHG goal.
- **Wind power purchase agreement:** Wind farm construction is expected to be complete in spring 2021, reducing annual emissions by 100,000 metric tons.
- **Renewable energy demonstration projects:** After pandemic spending restrictions are lifted, determine outcome of 1 additional project (5 approved so far).