

2021 Enterprise Score Card

Percent of Goal Achieved:

52



Fleet:

30% reduction of fossil fuel use by the vehicles and equipment by 2027.

59



Energy:

30% reduction in consumption of energy per square foot by 2027.

20



Water:

15% reduction in water use by 2025.

40



Solid Waste:

75% of solid waste is recycled or composted by 2030.

100



Procurement:

25% of total spending on priority contracts is sustainably purchased by 2025.

100



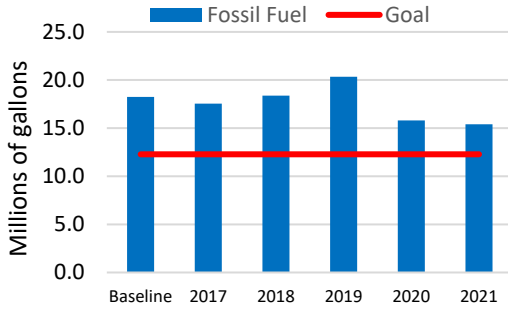
Greenhouse Gas:

30% reduction of greenhouse gas emissions by 2025.

\$62,812,260 in avoided costs (2005-2021)

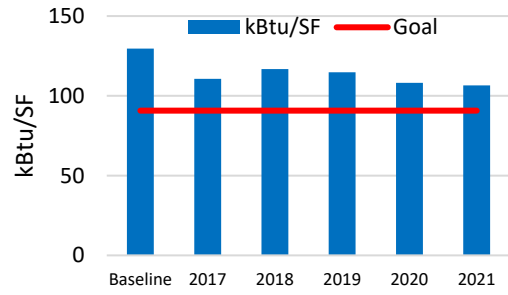
199,875 metric tons CO₂e avoided annually

Learn more at Sustainability.mn.gov



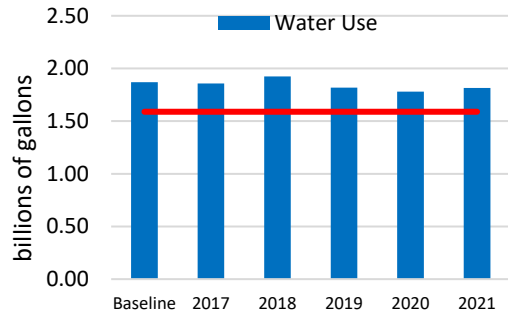
Fleet Fossil Fuel Use

In 2021, state government operations reduced fossil fuel gallons by 16% from the baseline and 3% from 2020. The key driver of this change is reduced operations of Metro Transit’s bus service, but we expect this service to rebound in future years. Light duty vehicle use decreased during the pandemic and state agencies are working to sustain this trend where possible.



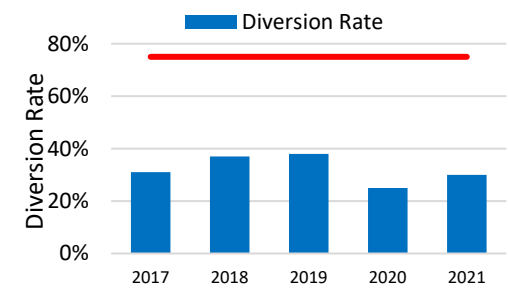
Energy Intensity

In 2021, with a full year of operational changes due to COVID-19, state government’s energy consumption per square foot decreased from 2019 and 2020. State agencies adjusted building operations to increase airflow and reduce potential transmission of viruses. In some buildings, energy use increased and in some energy use decreased. Generally, natural gas use increased while electricity use decreased. The absence of office staff continued to allow some agencies to accelerate energy efficiency retrofits, particularly on the Capitol Complex.



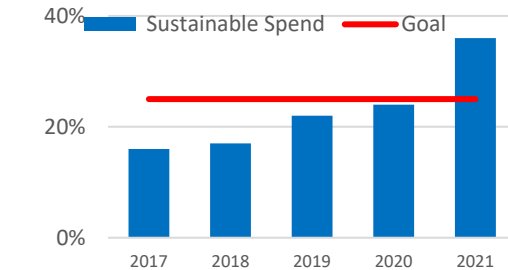
Water Consumption

In 2021, water consumption was down 3% from the baseline and over the last 5 years, nearly 40 million gallons less water was used on average annually. Long-term reductions from the Department of Human Services and the Department of Corrections reduced water consumption for the enterprise. We hope to see investments in process water conservation and installations of low-flow fixtures at facilities with 24-hour resident populations.



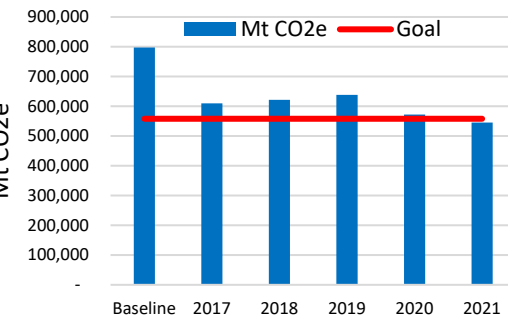
Solid Waste Diversion

In 2021, the enterprise municipal solid waste diversion rate increased from 2020 but is still below the pre-pandemic diversion rate. The total mass of solid waste generated is similar to previous years. Recycling rates remained relatively consistent over the last five years. Organics diversion was most impacted by the pandemic and appears to be trending back in the positive direction. The largest barrier to increased organics diversion and recycling is the lack of infrastructure and haulers in Greater Minnesota.



Sustainable Procurement

In 2021, the State of Minnesota purchased \$13 million in sustainable products and services measured by third party certifications and other criteria. The percent of sustainable spend rose to 36% in 2021. State agencies increased the post-consumer content of their paper purchases. Continued efforts to increase the availability of sustainable products will grow the state’s sustainable spend, specifically in network equipment and accessories.



Greenhouse Gas (GHG) Emissions

Greenhouse gas (GHG) emissions from state operations continued to decline in 2021, meeting the state’s emission reduction goal of 30% below an adjusted baseline of 2005. Year-to-year variation in GHG emissions occurs due to the severity of winter weather and the use of snow-clearing equipment. However, long-term GHG emissions are trending downward due to reduced emissions from electricity generation and from District Energy St. Paul.