

# 2021 Sustainability Dashboard

## Staying Active



B-Cycle e-bike stations were installed at Grand Crossing Park and Schluter Beach.

Monona hosted a Bike Rodeo to teach about bike safety and more than 100 kids attended.



## Tree Planting

\$17,900 was raised for the Monona Forestry Fund, to replace trees in parks and public right-of-ways infested with Emerald Ash Borer.



## Public Transit

Monona Express and Monona Lift ridership increased 12% from 2020 to 2021 but has not returned to pre-pandemic levels.



## Building Community

Monona Public Library hosted 5 Eco-Action Tuesday events in 2021.



The Sustainability Champions program launched, to celebrate sustainable homes in Monona.

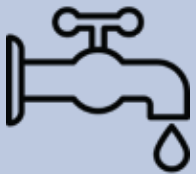


The Sustainable Monona Facebook page gained 149 new followers.



## Conserving Water

Monona installed smart water meters for all residential water utility customers, which help detect leaks and high water use better than regular meters.



31 storm drains were adopted in 2021 through the Adopt-a-Stormdrain program.



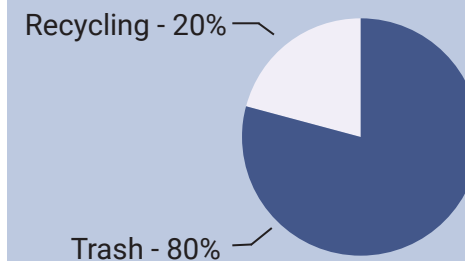
## Reducing Emissions

The Police Department purchased 2 new hybrid vehicles for their fleet in 2021. One third of the fleet is now hybrid.



## Reducing Waste

The 2021 Earth Day E-cycling event saved over 8.5 tons of electronics from going to the landfill.



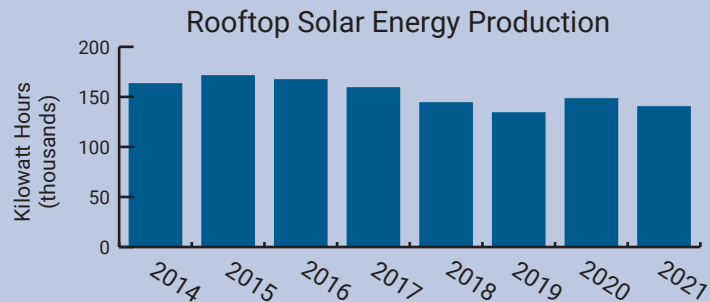
Recyclable materials made up 20% of residential waste in Monona in 2021.

# 2021 Clean Energy Dashboard

## Renewable Energy

**19.9%** of Monona's electricity came from renewable energy in 2021

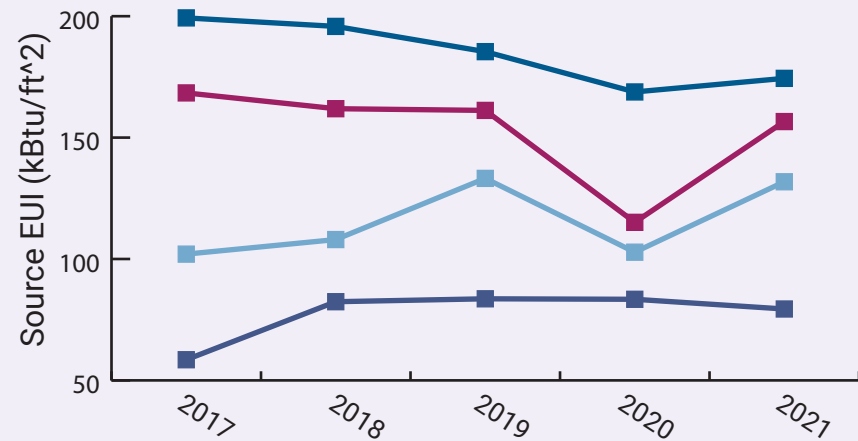
Electricity from City solar panels accounted for 5.5% of Monona's renewable energy use in 2021, down from 6% in 2020. The other 14.4% came from MGE.



## Energy Efficiency

On average, City buildings were 3% more energy efficient in 2021 compared to 2019.

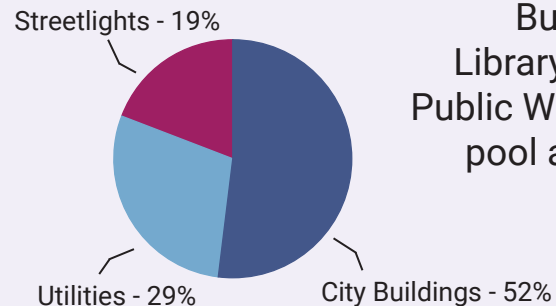
Energy Use Intensity (EUI) of City Buildings



Community Center City Hall Library Public Works Garage

Energy Use Intensity (EUI) calculates how efficient a building is relative to its size.

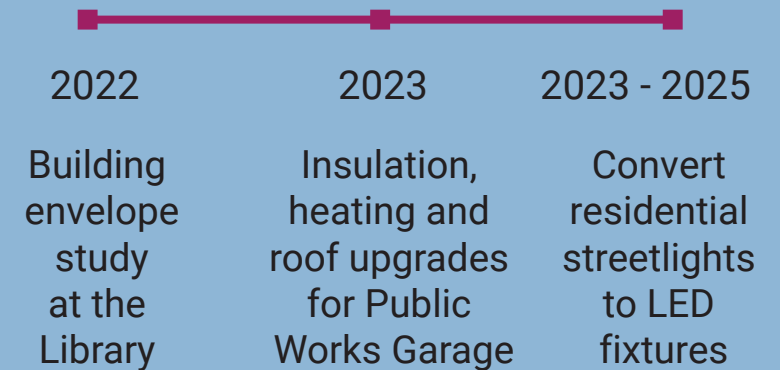
## Municipal Electricity Use



Buildings like City Hall, Library, Community Center, Public Works Garage and the pool account for just over half of the City's electricity use.

## Future Projects

To improve energy efficiency in the future, Monona has the following plans:



## Recent Projects

Recent projects that improved energy efficiency in 2021 include:

- LED lighting upgrades at City Hall and the Library.
- HVAC upgrades at City Hall and the Library.
- A building envelope study at City Hall.

## In the Community

350 Monona households were signed up for MGE's Green Power Tomorrow program in 2021.



In 2021, building permits were issued for 13 solar arrays throughout the city.