

2019 SUSTAINABILITY PROJECT DASHBOARD

RENEWABLE ENERGY GENERATION AND USE

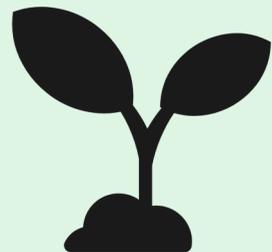
20.6% Percentage of municipal electricity is derived from renewable sources

5.5% of this energy is generated by solar panels on top of the Library, City Hall, Well #3, and the Public Works Garage

15.1% of this energy is generated by MGE via renewable sources

URBAN FORESTRY AND TREE DONATIONS

To address the Emerald Ash Borer (EAB) infestation in Monona, the City has must remove hundreds of infected Ash trees. To replenish the community's tree canopy, the City started a Forestry Fund. This program allows residents to donate money to help the City replant native trees to replace the dead ash trees. Additionally, the Wisconsin DNR granted the City a \$14,000 Urban Forestry grant to assist the City in removing, replanting, and developing an ash tree abatement plan.



OUTREACH INITIATIVES



39 storm drains were adopted by **18 residents / families** in 2019

Eco Action Tuesday events were held at the Monona Library and attracted **20-30 attendees each**



In 2019, the City officially approved the final **Pedestrian and Bicycle Improvements Plan**

The Sustainable Monona Facebook page **gained 37 followers** in 2019



100% CLEAN ENERGY AND RESILIENCY RESOLUTION

Monona passed a resolution to achieve clean energy goals for the City, including meeting 100% of electric needs for City operations through renewable sources by 2030.

GRAND CROSSING PARK

In 2019, Monona opened a new City park, called Grand Crossing Park, located at the Riverfront development.

The park allows more public access to the Yahara river.



POLICE HYBRID VEHICLES



The Monona Police Department purchased **two hybrid vehicles**. Hybrid police vehicles have a pay-back period of 1-1.2 years and have up to **55% fewer carbon emissions** in their lifetime.

ROADMAP FOR THE FUTURE

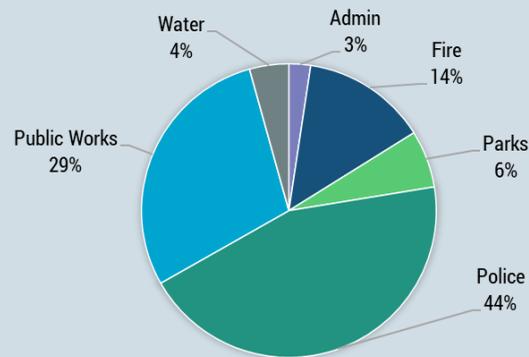
Monona was awarded an Office of Energy Innovation Grant, along with 7 other municipalities, to create a **Comprehensive Energy Plan** that will act as a **roadmap for future energy policy decisions**. The data analysis and recommendations were provided by Slipstream, a local consulting firm.

2019 ANNUAL METRICS RECAP

FUEL USAGE: GAS & DIESEL

City vehicles used **2,314 fewer gallons** of fuel in 2019 than in 2018, which is equal to a **6.9% decrease in fuel use**.

Fuel Usage by City Department

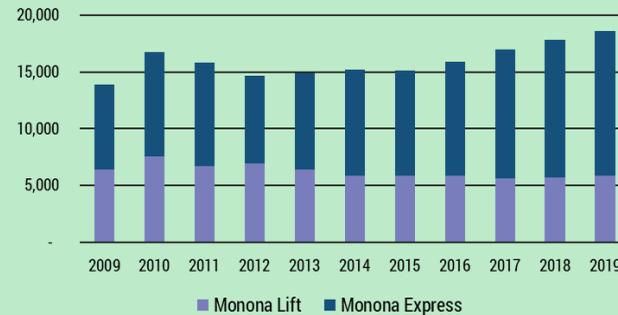


PUBLIC TRANSPORTATION

Monona residents continued to make good use of Monona Transit options, and **ridership increased by 4% between 2018 and 2019**.

Monona Express' ridership grew by over 500 riders this year.

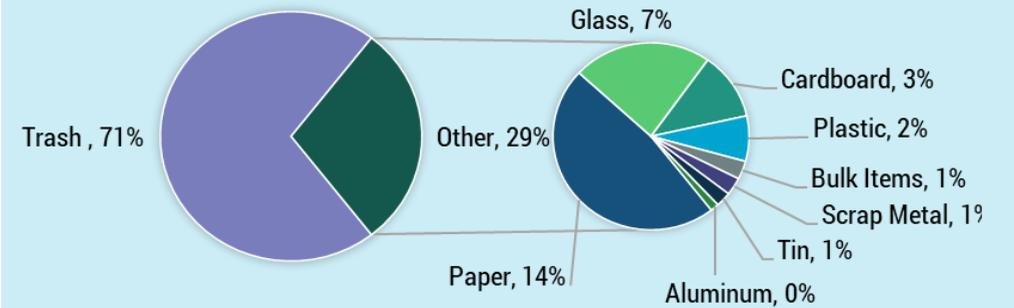
Monona Transit Ridership



WASTE AND RECYCLING

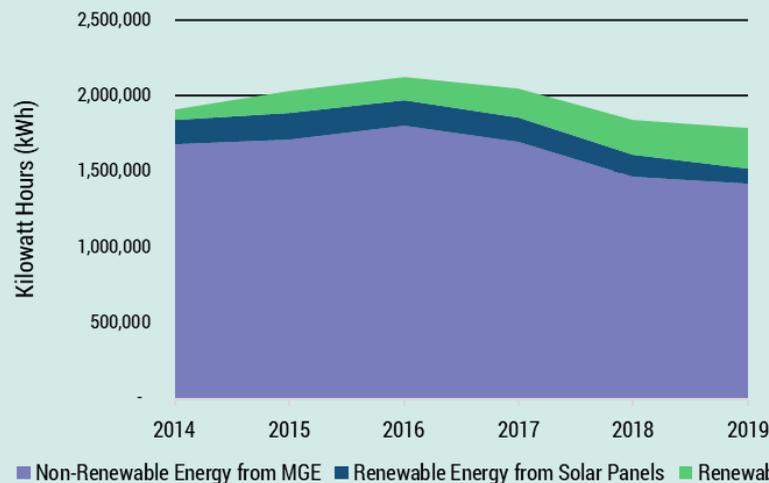
In 2019, **29% of Monona's waste was recycled** and **71% went to the landfill**. This is a slight decrease in recycling and a slight increase in trash from 2018. Most of Monona's recycling consisted of paper and glass.

Trash and Recycling Breakdown



ELECTRICITY USAGE

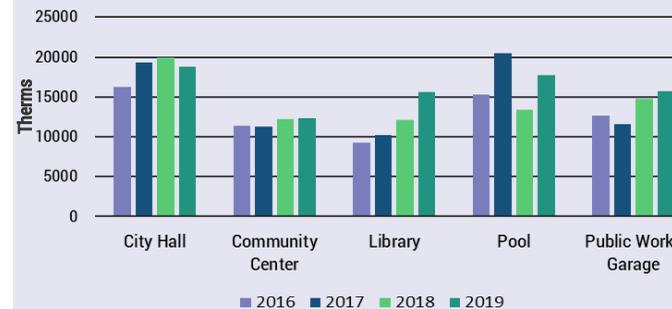
Monona Municipal Electric Use



The City decreased its electricity use by 2.7% from 2018 to 2019. **20.6% of the City's electricity came from renewable energy sources in 2019**. The City will have to increase the percentage of renewable electricity by approximately 8% each year, to meet the 2030 Clean Energy Goals.

NATURAL GAS USAGE

Annual Natural Gas Use by Building



Monona's municipal buildings used **17.4% more natural gas in 2019 than in 2018**. The Community Center is the least energy efficient building in terms of natural gas usage.

WATER USAGE

In 2019, Monona's municipal water use increased by over 650 thousand gallons from 2018, but residential use decreased by nearly 1,000 gallons per person.

City-wide Water Usage

