

# 2018 SUSTAINABILITY PROJECT DASHBOARD

## WASTE DIVERSION

WASTE CAP HELPED THE CITY  
SAVE APPROXIMATELY

**13,000 TONS**

OF CONSTRUCTION WASTE  
FROM ENTERING THE LANDFILL...



MONONA'S FIRST **ELECTRIC VEHICLE**, 2018

## TREE CITY USA

THROUGHOUT 2018, MONONA CONDUCTED A  
COMPLETE TREE INVENTORY OF THE CITY'S  
STREET TREES.

TREES PLANTED:	30
TREES REMOVED:	24
AVERAGE AGE:	15 YEARS
AVERAGE DIAMETER:	9.5 IN
MAXIMUM DIAMETER:	90 IN
AVERAGE CANOPY:	20 FEET
DECAYING TREES:	7%



## OUTREACH INITIATIVES



**28: NUMBER OF STORM DRAINS  
ADOPTED** IN 2018 VIA THE ADOPT A STORM DRAIN  
PROGRAM

**7 ECO ACTION TUESDAY EVENTS** WERE HELD AT THE  
MONONA LIBRARY



2018'S **AD HOC BIKE COMMITTEE** HELD **2 PUBLIC  
INPUT MEETINGS** IN 2018, WITH OVER **90 TOTAL  
ATTENDEES**

SUSTAINABLE MONONA'S FACEBOOK PAGE **GAINED  
72 FOLLOWERS** IN 2018



## LED RETROFIT

THE LIBRARY, COMMUNITY CENTER, AND  
CITY HALL UNDERWENT A COMPLETE LIGHT  
FIXTURE RETRO-FIT, DECREASING ENERGY  
USE BY 1%, AND SAVE THE CITY  
APPROXIMATELY \$1,100 A YEAR.



THE MONONA  
WATER WAGON,  
2018

PROVIDING DRINK-  
ING WATER  
WITHOUT ANY  
PLASTIC

## 100% RENEWABLE ENERGY RESOLUTION

**20%**

PERCENTAGE OF MUNICIPAL ELECTRICITY  
IS DERIVED FROM **RENEWABLE SOURCES**

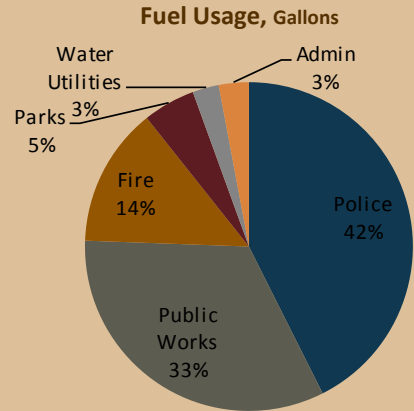
**7.6%** OF THIS ENERGY IS **GENERATED BY SOLAR PANELS** ON TOP  
OF THE LIBRARY, CITY HALL, AND WELL #3

**12.4%** OF THIS ENERGY IS GENERATED BY MGE VIA RENEWABLE  
SOURCES

# 2018 ANNUAL METRICS RECAP

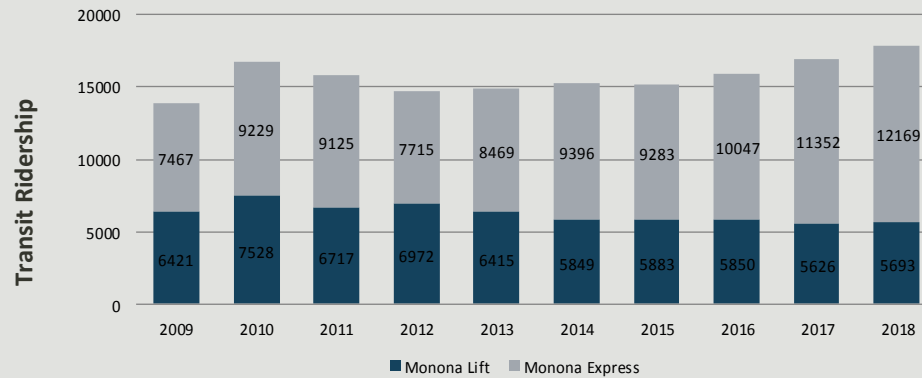
## FUEL USAGE:

In 2018 Monona used 2,236 more gallons of fuel than in 2017, resulting in an increase of \$14,575.



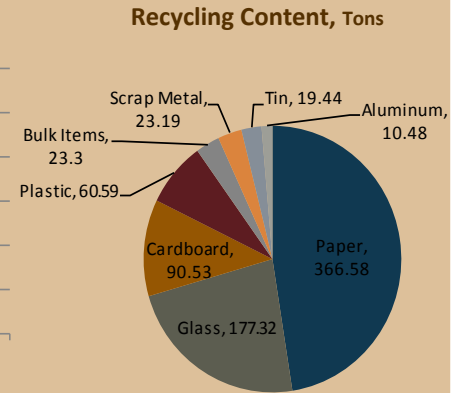
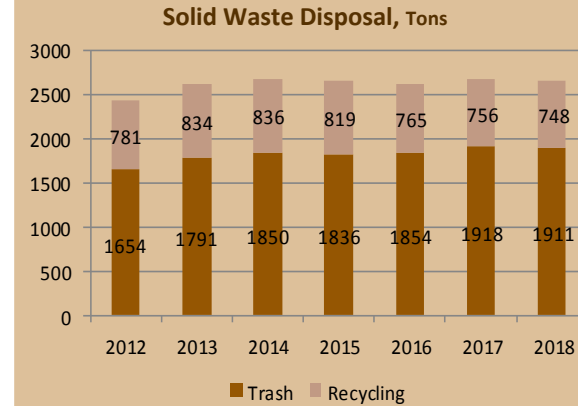
## TRANSPORTATION

Monona residents used the City's public transit more than ever in 2018, represented by a **5% increase in total ridership**. However, Monona Transit continues to see a preference for the Monona Express over the Monona Lift, as ridership for the former **rose 7%** but the latter **only 1%**.



## SOLID WASTE

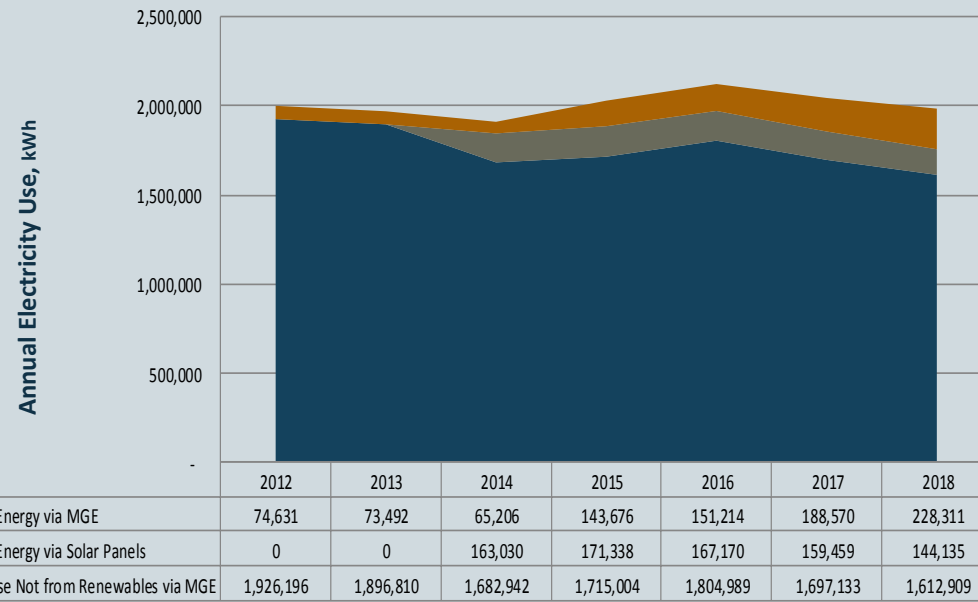
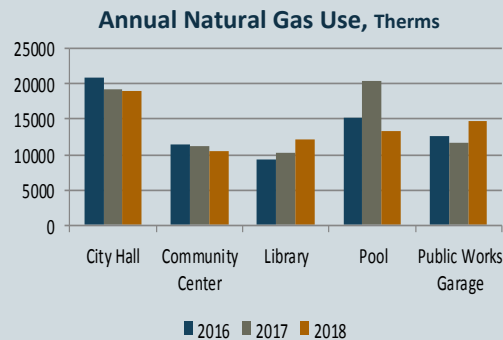
In 2018 **total waste was down 0.5%**, by **15 tons**. Recycling demographics remained similar to years past, with the majority of recycling being composed of paper and glass.



## ENERGY USAGE: ELECTRIC & NATURAL GAS

Natural gas usage in 2018 declined from 2017 by **1,967 Therms**, **2.66%**.

The **total amount of electrical energy used by the City decreased by 44,483 kWh**, a **2.3% decrease** compared to 2017 usage. **Renewable energy accounted for 20%** of the total electrical energy used by City buildings throughout 2018; with 12.4% coming from MGE, and the remainder from Monona's solar panels. The City will need to increase total electricity sourced from renewables by 5% to meet 25x25 goals, and 80% to meet Clean Energy Goals by 2030.



## STORMWATER & WATER LOSS

Per capita water usage for residential customers rose by 12,000 gallons from last year. Usage at municipal facilities also rose, by 635,000 gallons.

