

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



29 STORM DRAINS WERE ADOPTED
BY **15** RESIDENTS / FAMILIES IN 2018

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
DRINKING WATER
WITHOUT ANY
PLASTIC

100% RENEWABLE ENERGY RESOLUTION

20%

PERCENTAGE OF MUNICIPAL ELECTRICITY
IS DERIVED FROM RENEWABLE SOURCES

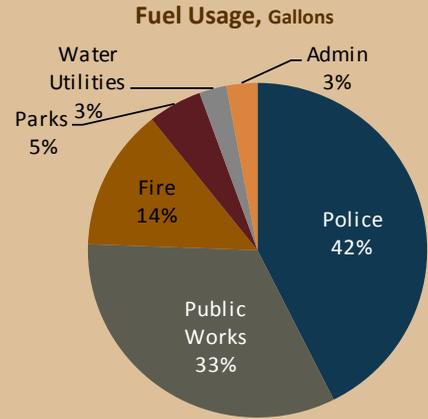
7.6% OF THIS ENERGY IS GENERATED BY SOLAR PANELS ON TOP
OF THE LIBRARY, CITY HALL, AND WELL #3

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

2018 ANNUAL METRICS RECAP

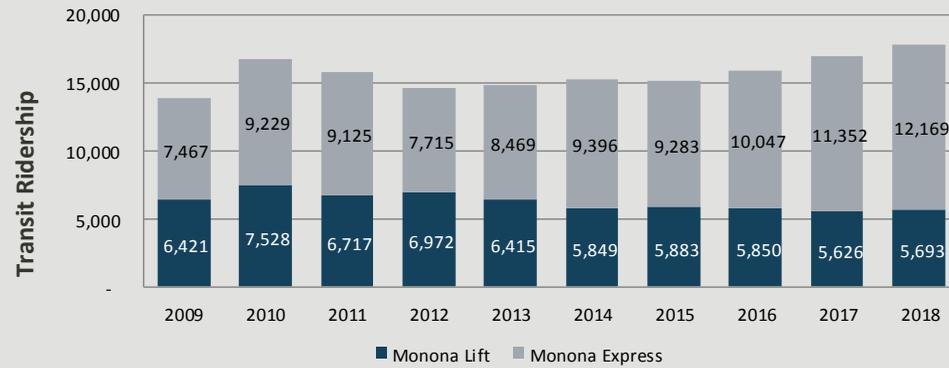
FUEL USAGE:

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%**.



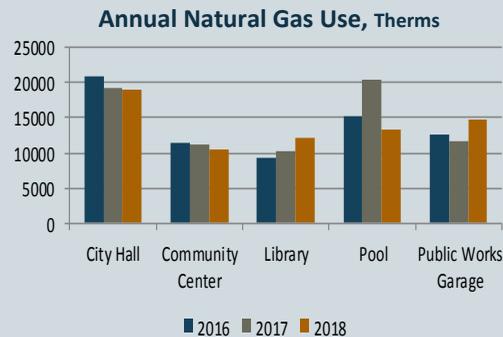
SOLID WASTE

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.

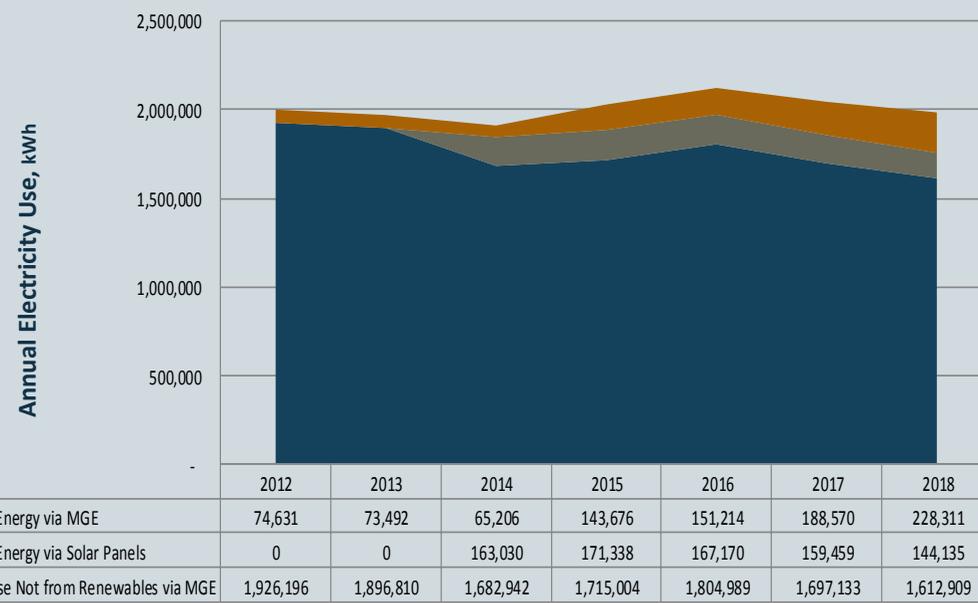


ENERGY USAGE: ELECTRIC & NATURAL GAS

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 gallons.

