Tempe Sustainability at a Glance FY2015

sustainable tempe

RENEWABLE ENERGY & ENERGY EFFICIENCY

(in Tempe city facilities)

20% Percentage of municipal operations' energy from renewable energy sources by 2025, equivalent to 7.8 Megawatts

3% Percentage of city facilities powered by solar energy

1.7 M Solar energy gererated at city facilities in kWh

312 HOMES Amount of energy saved - equivalent to what is used by an average home, per year

3.1 M Decrease in energy use, in kWh

$400,679 Dollars saved in utility costs

3,313 Greenhouse gas emissions avoided, in metric tons

1,150 Gallons of grease collected for potential conversion to energy

SOLID WASTE & RECYCLING

11,125 Tons of residential waste recycled/ diverted from landfill = **$354,625** Amount saved in landfill fees

8,876 Greenhouse gas emissions avoided, in metric tons

2,500 Tons of green waste collected and converted to compost = **$11,400** Amount saved by using city compost in parks

191 Tons of household hazardous waste collected

Tempe Household Products Collection Center

86 Percent of hazardous waste that was recycled = Planting **29,843** trees

TRANSPORTATION

11.1 MILLION Number of public transit rides | **520,495** Boardings with a Tempe Youth Transit Pass

13,652 Number of bicyclists, motorcyclists and taxi riders

123 Equivalent to number of cars removed from the road

583 Metric tons of greenhouse gas emissions avoided

65,560 gallons Alternative fuel use by city fleet

WATER CONSERVATION

5,665,600 Gallons of water saved (CY 2014)

Equivalent to filling **283** swimming pools

83 Number of landscaping rebates

664 Number of toilet rebates

LAND USE & BUILT ENVIRONMENT

2 Community gardens on city property

1,948 Pounds of produce harvested at the Escalante Community Garden

2,434 Pounds of produce donated to TCAA Food Pantry

1,200 Number of eggs collected

1 Farmer's Market/Food Trucks

5,500 TCAA Volunteers