Valley Metro FY 19
SUSTAINABILITY REPORT

Valley Metro is committed to environmental, social and economic sustainability.

FACILITIES AND FLEET

FACILITIES
47% of waste at all Valley Metro maintenance facilities is recycled
- 60% of water used during vehicle washes is reclaimed
- Solar panels at Valley Metro’s rail maintenance facility have generated more than 5 million kWh of solar energy since installation in 2015
- The solar canopy at Mesa Bus Operations and Maintenance Facility will be operational by June 2020
  › Will provide up to 80% of power for the facility
  › Will reduce time needed to cool down bus before starting its route

BUS
78% of buses are powered by alternative fuels or are hybrids
- Seats on express buses are made from recycled bottle caps
- All buses are equipped with LED lighting
- All diesel buses are equipped with soot traps to collect pollutants

LIGHT RAIL
Valley Metro’s first recycling pilot program began at the Gilbert Rd/Main St Station
- All light rail stations built at new extensions have LED lighting
- Body paint and window tint on light rail vehicles are solar reflective

248 million pounds of GHG greenhouse gas were prevented by transit riders in FY19

12,513,660 total gallons of gasoline saved in FY19, thanks to:
- Light rail 7,264,934
- Bus 770,022
- Vanpool 4,478,703

That’s the equivalent of:
- 19,393 home’s electricity use for a year
- 14 billion smart phones charged
- 1,838,863 trees planted
- 23,611 cars off the road
Valley Metro’s Commute Solutions supports travel reduction in Maricopa County.

- Through sharetheride.com, more than 50,000 commuters track their alternative commutes
- About 1/3 of commuters in the Valley use an alternative mode one or more days a week

62% of employee trips to and from the downtown office utilize alternative modes: transit, an electric vehicle, carpool, biking, telecommuting or walking.

In FY19, Valley Metro expanded its sustainability program and planned further efforts for the future.

- Finalized new sustainability plan
- Hired Valley Metro’s first sustainability coordinator
- Conducted first agency-wide sustainability survey
- Awarded a Phoenix Green business certification and American Public Transportation Association Sustainability Silver certification
- Provided sustainability training to all new employees