

# Transportation & Innovation Expo



# Metro Transit Uses Clean Energy Vehicles



Transportation & Innovation Expo



# Commitment to the Environment

- City of Madison has given Metro the goal of making 50% of fleet zero emission by 2035
- In August, Metro will finish converting its fleet to 100% clean diesel



# Hybrid-Electric Buses

- Metro first added 5 hybrid-electrics to fleet in 2007
- Now have 21, makes up 10% of fleet

## Benefits

- Reduced fuel consumption by 25%
- Greatly reduces emissions
- Quieter vehicle



# All-Electric Buses

- Metro adding 3 all-electric buses to fleet in August
- Currently retrofitting maintenance facility
  - Adding charging infrastructure
  - Updating clearances to account for increased bus height
- Need to learn more
  - Extreme heat/cold weather
  - Steep hills
  - Maintenance
  - How fit into overall operations



# All-Electric Cars

- Metro testing all-electric car for staff vehicle
- 240 miles per charge
- Expected to have 3 electric cars by 2020
- City's goal of converting 100% to all-electric car fleet

