



Metro connects the Washington region through affordable, sustainable transportation every day. Transitioning to a zero-emission bus fleet presents a further opportunity to deliver significant environmental benefits for the region and improve the overall experience for Metrobus customers.

Metro is transitioning to a 100% zero-emission bus fleet. By 2030, every new bus purchased by Metro will be a zero-emission vehicle, and all 1,500 buses in the fleet will be zero-emission by 2045. Transitioning to zero-emission technology requires more than just new buses; Metro will also invest in facility and infrastructure upgrades over the coming years to support the introduction of new buses.

Zero-emission buses will help drive regional air quality improvements by reducing greenhouse gas and tailpipe emissions, simultaneously providing public health benefits for everyone across the Metrobus service area. Without the need for a conventional vehicle engine, Metrobus customers will also experience a quieter, comfier ride.

The transition to zero-emission bus service will require shared commitment, as well as significant regional investment and coordination, including:

- Energy infrastructure investments
- New policies and rate-structures
- Funding to convert facilities and replace buses
- Working with frontline employees on workforce development opportunities

Already Moving

Metro's strategy looks beyond vehicle purchases to ensure we create a strong foundation for greening the fleet. Recent program updates include:

- Metro Board adopted a goal of 100% zero-emission bus fleet by 2045, and 100% zero-emission bus procurement by 2030.
- Initiated the Electric Bus Test & Evaluation project (up to 12 buses), which will inform the future large-scale rollout of a zero-emission technology across Metro's more than 1,500 bus fleet.
- Obtained a \$4.2 million FTA Low or No Emission Program grant, supporting purchase of two 60' battery electric buses (anticipated delivery in mid-2022).
- Anticipated RFP release for additional ten 40' battery electric buses in 2021.
- Continued to incorporate 'electric bus ready' design in new bus garages currently under development (Northern and Bladensburg).
- Prepared to issue procurement for renewable natural gas.
- Initiated fleet plan revision (anticipated to conclude by 2022) to account for zero-emission technology.
- Established ongoing engagement with regional utilities to identify, define and plan for electric service capacity and infrastructure investment required for electrification, including grid updates and bus facility needs.
- Launched a regional stakeholder collaboration with bus transit providers, electric utilities, regional government and funding partners.

This program is built on years of extensive preparation and coordination Metro has already conducted to address the market, infrastructure and policy prerequisites for a regional transition to zero-emission bus technology.

Metro will continue working with our partners to address these challenges and opportunities and support the region in its move to a cleaner transportation future.