

EPA PROPOSED MULTI- POLLUTANT AND GREENHOUSE GAS MOTOR VEHICLE RULES

MWAQC

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Metropolitan Washington
Council of Governments

Summary

EPA announced 2 proposed rules on April 12, 2023:

1. Multi-Pollutant Emissions Standards for Model Years 2027 and Later Light-Duty and Medium-Duty Vehicles
 - Builds upon EPA's final standards for federal greenhouse gas emissions standards for passenger cars and light trucks for model years 2023 through 2026.
 - The proposed standards would phase in over model years 2027 through 2032.
2. Greenhouse Gas Emissions Standards for Heavy-Duty Vehicles – Phase 3
 - EPA is proposing stronger CO2 standards for MY 2027 HD vehicles that go beyond the current standards that apply under the HD Phase 2 Greenhouse Gas program.
 - EPA is also proposing an additional set of CO2 standards for HD vehicles that would begin to apply in MY 2028, with progressively lower standards each model year through 2032.



Multi-Pollutant Emissions Standards for MY 2027 and Later LDVs & MDVs

Climate & Air Quality Benefits

- EPA's proposal would significantly reduce emissions of air pollutants that contribute to climate change and unhealthy air.
- Between 2027 and 2055, the proposed standards would cumulatively avoid 7.3 billion metric tons of CO₂.
- In 2055, the proposal would reduce harmful air pollutants from vehicles, including approximately 15,000 tons of PM_{2.5}, 66,000 tons of NO_x, and 220,000 tons of hydrocarbons, compared to 2055 levels without the proposal.

Multi-Pollutant Emissions Standards for MY 2027 and Later LDVs & MDVs

- EPA held a virtual public hearing for this proposed rule on May 9 and 10, 2023.
- Comments are due July 5, 2023.

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GHG Emissions Standards for HDVs – Phase 3

Climate & Air Quality Benefits

- The proposed standards for HDVs would avoid approximately 1.8 billion metric tons of GHG emissions from 2027-2055.
- The proposed Phase 3 program is expected to increase use of zero-emission HDVs, which would reduce emissions of smog and soot-forming pollutants by:
 - 650 tons of particulate matter,
 - 72,000 tons of NO_x, and
 - 21,000 tons of VOCs, compared to 2055 levels without the proposal.

GHG Emissions Standards for HDVs – Phase 3

- EPA held a virtual public hearing for this proposed rule on May 2 and 3, 2023.
- Comments are due June 16, 2023.

Recommended Actions

- Approve EPA comment letters for:
 1. Multi-Pollutant Emissions Standards for Model Years 2027 and Later Light-Duty and Medium-Duty Vehicles
 2. Greenhouse Gas Emissions Standards for Heavy-Duty Vehicles – Phase 3

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