

Appendix C

Washington DC-MD-VA State Compromise Overview: PM_{2.5} Maintenance Plan Motor Vehicle Emissions Budgets

February 19, 2016

This is an updated version of the State Compromise Overview document that was part of the initial PM_{2.5} maintenance plan (Appendix D), which USEPA approved on October 6, 2014 (79 FR 60081). The updates have been made to reflect revised MOVES2014 based motor vehicle emission budgets (MVEBs) and to remove items that are completed.

1. The Tier 1 MVEBS are based on revised mobile emissions inventory projections for 2017 and 2025. The Tier 2 MVEBS have 20% transportation buffers applied to all pollutants in 2017 and 2025. The transportation buffers are provided to accommodate technical uncertainties primarily due to model changes, vehicle fleet turnover, and planning assumption updates, e.g., land use and demographic forecasts that may affect future motor vehicle emissions inventories.
2. The MVEBs will be re-evaluated to accommodate transportation planning issues when the Constrained Long Range Plan horizon year is extended beyond 2040.
3. The jurisdictions in the Washington DC-MD-VA maintenance region will work to adopt new environmental or energy efficiency based regulations or voluntary measures to the extent the Tier 2 MVEBs are triggered. Additionally, the region will work with USEPA to demonstrate the feasibility of (and get SIP credit for) achieving reductions across the entire region from market forces that will result in cleaner products being distributed across the entire region even when the regulations driving the cleaner products have only been adopted in a part of the region. Actions to comply with the PM_{2.5} NAAQS also have the co-benefit of reducing ozone levels. Therefore, the jurisdictions in the Washington DC-MD-VA maintenance region also commit to planning to identify appropriate strategies to help the area comply with and maintain compliance with both updated ozone and PM_{2.5} NAAQS. These new measures will continue the process of further reducing ozone and fine particle levels in the region to ensure that public health is protected.