EXISTING & POTENTIAL CONTROL & CONTINGENCY MEASURES

Tim Masters
Environmental Planner

MWAQC-TAC July 12, 2022



- Point Source:
 - 1. DC EGUs: HEDD Combustion Turbines emission control rule
 - 2. 2008/2015 RACT Control Measures



- Area Source:
 - 1. Expand Coverage of OTC Consumer Products Rule (Phase II DC, VA; Phase IV MD)
 - 2. Expand Coverage of OTC AIMs Rule (Phase I DC, VA; Phase II MD)

3. MD Municipal Waste Combustion Rule (MD)

- Nonroad Mobile Source:
 - 1. Nonroad Small Gasoline Engines rule
 - 2. Nonroad Diesel Engines Tier 1/2 rules
 - 3. Marine Engine Standards
 - 4. Emissions Standards for Large Spark Ignition Engines
 - 5. Railroad Engine Standards

- Onroad Mobile Source:
 - 1. Tier 3 Vehicle Emissions and Fuel Standards Program
 - 2. Tier 2 Motor Vehicle Emission Regulations
 - 3. SAFE Vehicles Rule for Model Years 2021–2026 Passenger Cars and Light Trucks
 - 4. Phase 2 GHG Emission Standards & Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles
 - 5. MD California LEV II and LEV III Standards Rule



Potential Control Measures

- Area Source:
 - 1. Expand Coverage of OTC Consumer Products Rule (Phase III, Phase IV, possibly Phase V)
 - 2. Expand Coverage of OTC AIMs Rule (Phase II DC, VA)



Potential Control Measures

- Nonroad Mobile Source:
 - 1. OTC Off-Road Vehicle Idling Reduction



Potential Control Measures

- Onroad Mobile Source:
 - 1. OTC Aftermarket Catalyst Program
 - 2. Anti-Tampering Compliance Program