



City of Seattle

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CITY CLERK

Office of the Mayor
City of Seattle
Edward B. Murray, Mayor

Executive Order 2016-09: Drive Clean Seattle Fleet Initiative

An Executive Order directing City departments to reduce fleet greenhouse gas emissions through green vehicle procurement, fleet electrification and a City-wide anti-idle policy.

WHEREAS, the City is committed to protecting public health, combating climate change and reducing fuel consumption and associated costs for City operations; and

WHEREAS, vehicle emissions pollute air quality and harm public health in the form of increased cardiovascular disease, asthma, lung cancer, and diabetes, with children and the elderly at special risk; and

WHEREAS, disadvantaged populations face the biggest impacts from substandard air quality, with higher rates of respiratory illnesses, hospitalizations, and premature death; and

WHEREAS, the transportation sector accounts for 60 percent of Seattle's core greenhouse gas emissions, which are the main driver of climate change; and

WHEREAS, the City's Climate Action Plan calls for an 82 percent reduction in transportation greenhouse gas emissions by 2030; and

WHEREAS, the City's Drive Clean Seattle Initiative calls for a 50 percent reduction in municipal fleet emissions by 2025; and

WHEREAS, the Department of Finance and Administrative Services, Fleet Management Division, provides centralized fleet services for the City including engineering, design, procurement, maintenance, disposition, fueling, and motor pool services for City agencies per Section 3.126.010 of the Seattle Municipal Code; and

WHEREAS, the City spends over \$8 million on fuel annually;

NOW, THEREFORE, I, EDWARD B. MURRAY, Mayor of Seattle, hereby affirm the City's commitment to a clean and green fleet and order the following actions to expand the scope and reach of the City's commitment to protecting public health, combating climate change, and reducing fuel consumption and fleet emissions. To this end, I direct City departments to adopt the following:

Section 1: Green Fleet Procurement and Measurable Outcomes.

- A. The Department of Finance and Administrative Services (FAS) is directed to establish a standard green fleet procurement methodology to endeavor to utilize the cleanest, greenest, most efficient right-sized vehicles in every City department. A "green vehicle" is defined as zero emission, near-zero emission, hybrid, or other technology designed to reduce emissions and fuel consumption.

- B. All fleet purchases will be made based on the results of the green fleet procurement methodology. Exceptions will be formally documented and reported by FAS.
- C. Departments should “right-size” all vehicle replacements at end of life with the most compact and lowest engine displacement vehicle for the driver’s job.
- D. Under-utilized vehicles will be evaluated annually by departments and FAS for surplus property disposal or re-purposing based on utilization criteria developed by the Drive Clean Seattle Fleet Interdepartmental Team (IDT).
- E. Departments will collaborate with FAS, through the Drive Clean Seattle Fleet IDT, to share information and strategies to reduce fuel consumption including outreach to vehicle operators.

Section 2: Fleet Electrification

- A. As each vehicle is replaced at the end of life, FAS will purchase a plug-in vehicle when a cost effective, market-ready vehicle is available which matches the planned operations for that vehicle. “Cost effective” is defined as a total cost of ownership within ten percent of the cost of a gasoline or hybrid vehicle. For instance, FAS will replace all sedans with zero emission battery electric vehicles where range is adequate to perform the job of the City department and charging infrastructure is available.
- B. Departments will remove barriers to support cost effective electric vehicle supply equipment (EVSE) installation at facilities where vehicles are parked overnight. This includes streamlining site approvals and prioritizing parking for EVs closest to buildings and/or electrical service.
- C. Any capital departments doing major renovations, remodels, or new construction will evaluate the need for EVSE (e.g., are fleet vehicles parked overnight?) and incorporate EVSE into the project, as appropriate.
- D. FAS and the Office of Sustainability and Environment, in coordination with other departments, will develop a long-term funding strategy to support EVSE installation for City fleet operations.

Section 3: Anti-Idling

- A. Departments’ drivers are prohibited from idling City vehicles.
- B. Departments will enforce this policy with all employees. FAS will report excessive fuel use by vehicle as a reporting accountability tool for departments.
- C. Limited exceptions to idling are listed below. This list may be expanded at the discretion of the FAS Director:
 - I. Idling during pre-trip inspections and/or to allow windows to defrost.
 - II. Power take off (PTO), crane, hoist, lift gate, or similar equipment that is not powered by an auxiliary battery.
 - III. Active regeneration of emissions control system.
 - IV. Public safety and emergency response for any emergency vehicles not equipped with auxiliary power or idle reduction technology.
 - V. Safety breaks in extreme weather events and/or emergency response.

Section 4: Reporting

- A. FAS will provide an annual report to department Directors and the Mayor’s Office, which will include:
 - I. Progress towards the goal of 50 percent reduction in municipal fleet emissions by 2025 from the 2013 baseline, including department specific data.

II. Exceptions made to the fleet procurement standards

- B. FAS will provide quarterly fuel reports to department fleet coordinators documenting fuel use by vehicle. Lower than average vehicle fuel economy (miles per gallon) will be highlighted to identify excessive fuel use.

Supporting Policies/Initiatives

1. RCW 43.19.648 – All public fleets in Washington State must use 100 percent electricity or biofuels as a fuel source to the extent practicable by 2018.
2. City of Seattle Resolution 31312 – Updating the City Climate Action Plan to require reduction in transportation emissions by 81 percent by 2030.
3. City of Seattle Resolution 31696 – Expressing the need to transition the City's transportation sector away from oil, setting a 30 percent vehicle electrification goal by 2030 and a 50 percent reduction goal for municipal fleet emissions by 2025, and endorsing Drive Clean Seattle.
4. Pacific Coast Collaborative West Coast Electric Fleet Diamond Lane Pledge – Greater than ten percent of new light duty purchases will be zero emission vehicles.

Dated this 12th day of December, 2016.

A handwritten signature in black ink, appearing to read 'Edward B. Murray', with a stylized, flowing script.

Edward B. Murray
Mayor, City of Seattle