

RESOLUTION NO. 100-17 INTRODUCED BY THE AGRICULTURE AND SUSTAINABILITY POLICY COMMITTEE ADOPTING A FLEET EFFICIENCY POLICY FOR SULLIVAN COUNTY

WHEREAS, the County of Sullivan (“County”) recognizes the significant costs associated with vehicles for use in the County Fleet; and

WHEREAS, the County recognizes that the County Fleet is a significant contributor to Greenhouse Gas (“GHG”) emissions resulting from municipal operations; and

WHEREAS, it is the desire of the County to adopt a Fleet Efficiency Policy for Sullivan County that promotes lower costs, well maintained vehicles, safer vehicles, and continued progress toward attaining the GHG emissions reductions identified in the Sullivan County Climate Action Plan.

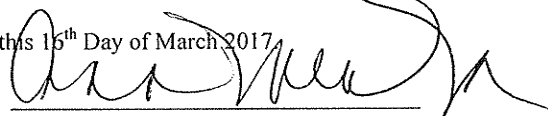
NOW, THEREFORE, BE IT RESOLVED that the Sullivan County Legislature hereby formally adopts the attached Fleet Efficiency Policy for Sullivan County effective immediately.

Moved by Mrs. Ward, seconded by Mr. Sorensen, put to a vote with Mr. McCarthy and Mrs. Owens absent, unanimously carried and declared duly adopted on motion March 16, 2017.

COUNTY OF SULLIVAN)

I, ANNMARIE MARTIN, Clerk to the Legislature of the County of Sullivan, do hereby certify that I have compared the foregoing copy of a resolution with the original thereof now on file in my office and that the same is a correct transcript therefrom and of the whole of said original.

WITNESS my hand and seal of said Legislature this 16th Day of March 2017.



Clerk to the Sullivan County Legislature

ESTABLISHING A FLEET EFFICIENCY POLICY FOR SULLIVAN COUNTY

Policy Statement

A Fleet Efficiency Policy serves as a tool to demonstrate Sullivan County's commitment to reducing operational costs associated with the operation and maintenance of a vehicle fleet. Outcomes of a Fleet Efficiency Policy include lower fuel costs, well maintained vehicles, safer vehicles, and continued progress toward attaining the greenhouse gas emissions reductions identified in the Sullivan County Climate Action Plan, approved in April 2014 by the Sullivan County Legislature.

The adoption of a Fleet Efficiency Policy will standardize the process by which the cost of vehicles is calculated (purchase price and fuel costs over the life of the vehicle), reduce fuel use by both right sizing the vehicles and by procuring the most fuel efficient vehicle in its class, by establishing guidelines to determine safety factors of vehicles as a marker for replacement, and by continuing to add hybrid and plug-in hybrid vehicles to departmental fleets and to facilitate the use of electric vehicles where appropriate. It is anticipated that this latter item will be facilitated by the strategic placement of D.C. fast charge electric vehicle charging stations at County facilities.

Definitions

Alternative Fuel Vehicle: a vehicle that runs on a fuel other than traditional petroleum fuels (petrol or Diesel fuel); and also refers to any technology of powering an engine that does not involve solely petroleum (e.g. electric car, hybrid electric vehicles, solar powered).

CDL: Commercial Drivers License

Electric Vehicle: a vehicle that is propelled by one or more electric motors, using electrical energy stored in rechargeable batteries or another energy storage device

Gasoline Gallon Equivalent: the amount of alternative fuel it takes to equal the energy content of one liquid gallon of gasoline

Greenhouse Gas: any gaseous compound in the atmosphere that is capable of absorbing infrared radiation, thereby trapping and holding heat in the atmosphere

Hybrid Vehicle: a vehicle that uses two or more distinct types of power, such as internal combustion engine plus electric motor

Plug-In Hybrid Vehicle: a vehicle that shares the characteristics both of a conventional hybrid electric vehicle, having an electric motor and an internal combustion engine (ICE), and of an all-electric vehicle, having a plug to connect to the electrical grid

Procurement: the process by which the County acquires goods and services

Route Optimization: the process of determining the most cost efficient route

Sullivan County Fleet: For the purposes of this policy, the County Fleet shall include all passenger vehicles and trucks that do not require a CDL for operation.

Zero Emission Vehicle: a vehicle that emits no tailpipe pollutants from the onboard source of power

Applicability

At the direction of the County Manager or his or her designee, the Division of Public Works shall maintain an inventory and assessment of the fleet vehicles utilized by various county departments.

The inventory shall include, for each vehicle:

- 1) model year
- 2) make
- 3) model
- 4) engine size
- 5) vehicle identification number (VIN)
- 6) drivetrain type (2-wheel drive or 4-wheel drive)
- 7) rated vehicle weight and classification (light-duty, medium-duty, heavy-duty)
- 8) Miles per gallon (or gallon equivalent) per vehicle
- 9) Type of fuel (or power source, e.g., electricity) used
- 10) Average cost per gallon (or gallon equivalent) of fuel
- 11) Average fuel cost per mile
- 12) Annual miles driven per vehicle
- 13) Total fuel (or power) consumption per vehicle
- 14) Vehicle function (i.e., the tasks associated with the vehicle's use)
- 15) The County department to which the vehicle is assigned
- 16) Average number of days per week the vehicle is used
- 17) Whether or not a CDL license is required for operators of the vehicle

SULLIVAN COUNTY FLEET POLICY

It is the policy of Sullivan County:

1. To purchase, lease or otherwise obtain the most efficient and cost effective vehicles possible that meet the operational needs of the County.
2. To purchase vehicles that are appropriately sized for the purposes to which they are intended.
3. To manage and operate its fleet in a manner that is efficient and minimizes emissions.
4. That all County employees, while operating County owned vehicles at any time, or in personal vehicles while on County business during work shifts, shall not allow a vehicle to be left to idle for

any period of time greater than five minutes while occupied, and never left to idle when unoccupied. This policy shall not apply during times of emergency response or for vehicles which require longer idling periods for proper operation.

STRATEGIES TO ACHIEVE FLEET EFFICIENCY

To effectively implement the Fleet Efficiency Policy of Sullivan County, the following strategies shall be employed:

1. Establish a minimum efficiency standard in miles per gallon (or gasoline gallon equivalent) for each vehicle class for which the County has a procurement specification and include that standard in any new vehicle procurement specification. This minimum standard may be raised on an annual basis.
2. Establish a list of preferred vehicles for lease or purchase based upon anticipated use. This list shall be developed with input from the Commissioner of Public Works, the Director of Purchasing, and the Sustainability Coordinator.
3. Develop a minimum emissions standard for each vehicle class for which the county has a procurement specification and include the standard in any new vehicle procurement specifications.
4. Ensure that a minimum of 20% of the fleet, by 2020, are energy efficient and /or zero emission vehicles. Thereafter, annually, 25% of passenger vehicles purchased, leased or otherwise obtained will meet the current energy efficiency guidelines of the County. To qualify as energy efficient, a vehicle must exceed the minimum efficiency and minimum emissions standards established as per items 1 and 3 of this section.
5. Review all vehicle procurement specifications and modify them as necessary to ensure that the specifications are written in a manner that is flexible enough to allow the purchase or lease of alternative fuel, electric, hybrid, plug in hybrid, and/or zero emission vehicles.
6. Review every new vehicle purchase request and modify them as necessary to ensure that the vehicle class to which the requested vehicle belongs is appropriate for the duty requirements that the vehicle will be called upon to perform.
7. Review the fleet inventory to identify older vehicles that are used infrequently (or not at all) as well as those vehicles that are disproportionately inefficient, or are beyond safety criteria, and schedule their elimination or replacement. The Commissioner of Public Works shall have the right to remove any vehicle from the fleet at his or her discretion if it is determined that said vehicle is beyond its useful life, does not meet the standards set forth in this policy, poses a threat to safety, or any other reason.
8. Implement a program providing county employees with information to improve driving habits, including the utilization of efficient operating techniques such as route optimization.
9. Maximize efficiency of vehicles through regular maintenance and proper tire inflation, and by maintaining aerodynamics of the vehicle through judicious use of roof racks for accessory tools.
10. Purchase right size vehicles for the job.
11. Keep apprised of technological advances and product innovations for fleet vehicles.

12. No decisions shall be made with regard to vehicles owned, maintained and utilized by a specific office under the jurisdiction of an elected official in the absence of the elected official's input and agreement.

MONITORING FLEET EFFICIENCY

In order to determine if the goals and actions of the policy have been reached, and /or whether or not they should be modified or amended, on an annual basis on or before March 1st of every year, the County Manager or his or her designee, in collaboration with the Sullivan County Fleet Manager and any other department that the County Manager deems necessary, shall be filed with the Sullivan County Legislature and shared with the public on the Sullivan County website.