Montour Falls Village Resolution – 2022
Fleet Efficiency Policy (Amended and Approved on October 20, 2022)

Introduction

Whereas the Village of Montour Falls recognizes the costs associated with operating a municipal fleet, including maintenance, fuel consumption, as well as purchasing and insurance, and;

Whereas the Village seeks to manage costs associated with fleet management, and;

Whereas the Village recognizes its municipal fleet as a significant source of fossil fuel usage, accounting for a third of all Greenhouse Gas (GHG) emissions of all municipal operations as outlined in the Montour Falls, NY Government Greenhouse Gas Emissions Inventory, and;

Whereas the Village seeks to reduce its GHG emissions as per its Climate Smart Communities Pledge Resolution, passed by the Village Board of Trustees on June 21, 2018, and;

Whereas the Village identifies the improved maintenance and efficiency of its municipal fleet as a key way to achieve its goals of lowering costs and reducing emissions;

The Village of Montour Falls hereby votes to adopt this resolution establishing a fleet efficiency policy for the goal of managing GHG emissions and lowering costs associated with fleet operation.

Fleet Efficiency Policy Goals

I. To update the ways in which the Village tracks costs and emissions associated with its municipal fleet;
II. To begin reducing emissions and fuel usage associated with fleet operations, both for the purposes of saving money on fuel costs and lowering GHG emissions from government operations by converting the existing fleet to higher efficiency models and;
III. To establish a minimum vehicle efficiency standard for heavy duty vehicles by MPG for newly purchased vehicles;
    A. Newly purchased Heavy Duty vehicles will be reviewed on an individual basis as each vehicle type has unique fuel efficiency options. We will aim for new purchases to be in the top 10th percentile of MPG available for the specific vehicle type at the time of purchase;
IV. To establish that 100% of newly purchased Medium Duty Vehicles will be hybrid or electric by 2035. Exemptions will be made for emergencies where we would not be able to obtain hybrid or electric vehicles.
    A. Newly purchased Medium Duty vehicles will be reviewed on an individual basis as each vehicle type has unique fuel efficiency options. We will aim for new purchases to be electric or hybrid when possible and when not possible, in the

top 10th percentile of MPG available for the specific vehicle type at the time of purchase;

V. To establish a minimum vehicle efficiency standard for Light Duty vehicles by MPG for newly purchased vehicles.
    A. Newly purchased Light Duty vehicles will be reviewed on an individual basis as each vehicle type has unique fuel efficiency options. We will aim for new purchases to be electric or hybrid when possible and when not possible, in the top 10th percentile of MPG available for the specific vehicle type at the time of purchase;

VI. To electrify 10% of the fleet whose vehicle types have electric options within 2 years.

VII. To have 30% of the entire fleet have a minimum fuel efficiency in the top 10th percentile within 5 years;

VIII. To fully electrify our existing fleet by 2035;
    A. Vehicles that do not have electric or hybrid options by that year are exempt from this goal;

<u>Fleet Inventory</u>

To assist with the management of the municipal fleet and the implementation of this policy a fleet inventory will be created and updated on a daily basis that will track the following information for each vehicle in the municipal fleet:

a) Department
    i) Our departments are Fire, Department of Public Works, and Marina.
b) Model Year
c) Year Purchased
d) Call Sign
    i) This is defined as the letters and numbers that identify a vehicle.
e) Make and Model
    i) Respectively, this refers to the company/brand of the vehicle and the specific vehicle type.
f) Drive Train
g) MPG or equivalent (where possible)
h) Annual Miles/Usage
i) Weight Class: Vehicles will be categorized by weight class into the categories of Heavy Duty, Medium Duty, or Light Duty based on (but not limited to) the following definitions:
    i) A Heavy Duty vehicle is defined as any vehicle that exceeds 26,000 pounds. Examples include septic pumper trucks, fire trucks, backhoes, excavators, dump trucks, etc.
    ii) A Medium Duty vehicle is defined as weighing between 5,000 and 26,000. Most of our Medium Duty vehicles weigh between 5,000 - 9,000 pounds and examples include pickup trucks

iii) A Light Duty vehicle is defined as any vehicle below 5,000 pounds. Examples include golf carts, four wheelers, etc.

j) Gross Vehicle Weight Rating (GVWR)
   i) This is defined as the most weight a vehicle can safely handle.
k) Function
   i) This is defined as what the vehicle is used for. Categories include fire rescue, Utility, grounds, dumping, excavation, etc.
l) Annual GHG Emissions (as estimated by US EPA GHG Equivalencies Calculator or another appropriate source)
m) Fuel Type
   i) Vehicles will be categorized by their fuel type: gas, diesel, hybrid, or electric.

The Fleet Inventory will be updated annually, or as needed as a result of fleet changes, by a designated DPW employee and the Village Clerk.

Fleet Efficiency Implementation Strategies

I. The Village will maintain a Fleet Inventory in accordance with the above definition, updating the Inventory when necessary as a result of fleet changes, or at minimum once a year concurrently with [Capital Budgeting] and fleet replacement decisions.
II. In order to better manage and maintain the municipal fleet, the Village will consider fleet management software in order to track costs and fuel usage associated with fleet operations.
III. The Fleet Inventory will be consulted during purchasing decisions for fleet vehicle replacements, as well as for planning decommissioning of inefficient, unsafe, or outdated vehicles. The Inventory will also be consulted to make decisions about 'right-sizing' fleet vehicles for their intended purpose and use within the municipality.
IV. The Village will examine and update internal policies regarding vehicle usage in order to minimize superfluous or redundant fleet vehicle use.
V. The Inventory will be used to inform fleet vehicle replacement decisions with special attention paid to vehicles with high fuel usages and GHG emissions; specifically, the inventory will help the Village identify the vehicles with the highest emissions in order to schedule replacement with lower GHG emission vehicles.
VI. The Village will explore the feasibility of converting existing vehicles, as well as purchasing new vehicles, that make use of Alternative Fuel sources, including but not limited to, biofuels, battery-electric vehicles, and new emerging technologies, as a means of lowering fuel costs and GHG emissions related to fossil fuel use.
VII. The Village will seek to lower emissions by the above strategies where feasible given budget and market constraints.

Re-Evaluation

I. This fleet efficiency policy will be re-evaluated at least every 5 years and updated based on our progress and the new technologies available.

A. If we are not meeting the goals outlined in this policy, we will implement more strict implementation strategies.

II. Currently, our fleet is considered rightsized but this will be re-evaluated every 1 year during the fleet inventory to see if there are changes to vehicle usage and areas for rightsizing.