

Town of New Lisbon
Fleet Efficiency Policy

Background

The Town of New Lisbon, by Town Board Resolution #1 of 2019, adopted on February 13, 2019, has committed to reducing greenhouse gas (GHG) emissions and adapting to a changing climate.

The largest component of GHG emissions by the Town is from its vehicles and heavy equipment, all of which are operated and maintained by its Highway Department. Therefore, the greatest impact the Town can have on reducing its GHG emissions is by adopting a policy and procedures to minimize fuel consumption by its vehicles and heavy equipment.

The purpose of this Fleet Efficiency Policy is to specify a policy as well as procedures whereby the Town will minimize overall GHG emission.

Policies and Procedures:

It is the policy of the Town to maintain and utilize the Town's fleet of vehicles and heavy equipment as efficiently as possible with the objective of reducing fossil fuel consumption and GHG emissions. Specific policies and procedures include the following.

a) The Town Highway Committee (Supervisor, Deputy Supervisor, and Highway Superintendent) will maintain a vehicle and heavy equipment inventory and will use the inventory to track fuel consumption (diesel and gasoline) per mile/hour by each of its vehicles and pieces of heavy equipment. The inventory will include at least the following information for each vehicle:

Model Year	Fuel Type	Fuel Cost per Mile
Year Purchased	Class	Annual Miles
Vehicle Function	GVWR (</>8,500 lbs)	Fuel Cost per Year
Make	VIN/Serial #	
Model	Mileage/Hours	
Drivetrain	MPG/MPH	

Similar information will be captured for the Town's heavy equipment. Mileage and fuel usage will be updated monthly; other vehicle and equipment information will be updated on an ongoing basis as vehicles or heavy equipment are procured or surplus.

- b) The Town Highway Department will secure fuel pumps to ensure that they are only used for Town vehicles and equipment and to facilitate monitoring of fuel consumption.
- c) The Town will purchase or lease the most energy efficient vehicles and heavy equipment that meet the operational needs of the Town.
- d) The Town will “right size” vehicles for the purpose for which they are intended. In particular, instead of utilizing five full size plow/dump trucks, the Town has recently removed one of our full size plow/dump trucks from the fleet and is using a 350 size pickup truck with a plow in its place with a second 350 size pickup with a plow for emergency plowing. The Town is looking to replace the second 350 size truck with a 250 size truck with an extended cab so it can be used for two purposes: emergency snow plowing and transport of highway workers. This way, when the crew of highway workers is traveling, e.g., for training, they can all go in a single vehicle instead of in two trucks.
- e) The Town will evaluate the feasibility of replacing one of its two pickup trucks with a battery powered electric pickup in late 2022 or 2023.
- f) The Highway Superintendent will adopt operational processes to minimize fuel usage and maximize fuel efficiency such as by planning plow routes and worksite delivery routes to minimize miles driven and by maintaining trucks and equipment in top performance condition.
- g) The Highway Superintendent will to the extent practicable purchase materials for highway projects from the nearest vendor and will take fuel consumption into consideration when comparing the prices of materials from different vendors and of delivery vs. pick up.
- h) The Town will purchase a heavy duty trailer to haul some of its heavy equipment to job sites, thereby reducing the hours of use and fuel consumption by less fuel efficient heavy equipment.

This policy and compliance will be reviewed monthly by the Town Highway Committee and when appropriate by the Town Board. In addition, this policy will be incorporated into the Town Highway Plan, which is reviewed and approved by the Town Board annually.