

Government Operations GHG Inventory Summary
June 31, 2022
Town of Bedford

Attached is Bedford's 2017 GHG Inventory as well as the 2019 CAP.

The methodology used to arrive at the inventory is mentioned in pages 9 and 10 of the 2019 CAP. It states, "This Progress Report builds off of the baseline assessment completed by ICLEI in 2004 using its Clean Air and Climate Protection (CACP) tool."

The GHG Inventory can be found on pages 18-21 of Bedford's Climate Action Plan, published in 2010. The update for the CAP, which was published in 2020, states where to find the inventory on page 8 and is available on the Town of Bedford's website with this link:
<https://bedfordny.gov/bedford2030-climate-action-plan/>

Here is the specific municipality GHG inventory, found on page 17 of the 2019 CAP.

Table 3 outlines the status and progress of these measures along with a recommended metric for tracking progress on each measure, and the co-benefits associated with each.

Table 3 Energy Measures, Status, Progress and Benefits

Measure	Status	Recommended metric	Progress	Co-Benefits
MUNICIPAL ENERGY MEASURES				
Renewable energy purchasing	In Progress	% electricity purchased from renewable sources	25 % electricity from wind	
Energy efficiency retrofits in town facilities	In Progress	MMBTu, Energy Cost, CO ₂ reduction	NA	
Municipal green building policy	In Progress	# buildings built to green standards	Under consideration; 1 building built to LEED Silver standards	
Municipal green purchasing policy	In Progress	# of buildings built to green standards	Under consideration; 1 building built to LEED Silver standards	
Municipal green purchasing policy	Implemented	% of purchases meeting energy efficiency standards	Adopted	
Energy efficiency/ENERGY STAR appliances (computers, printers, refrigerators, vending machines, water coolers, copiers)	Implemented	% of appliances and other equipment that are Energy Star	When making improvements to municipal facilities the Town works to update appliances wherever feasible.	
Efficiency lighting retrofits	In Progress	% of lighting upgraded; Electricity savings	When making improvements to municipal facilities the Town works to upgrade to more efficient lighting options.	
Lighting occupancy sensors	In Progress	% of space using sensors; electricity savings	When applicable the Town works to place lighting occupancy sensors.	
Use solar PV energy	Implemented	Capacity installed, kWh solar electricity generated; % of fossil fuel-based energy displaced	50 kW system installed; estimated to generate approx 40,000 kWh per year	
Consider solar hot water systems for town owned buildings	Not Started	Energy, cost, emissions savings; # of systems	NA	

Following is a link to a public post on the Bedford 2030 website to Bedford's Government Operations GHG Inventory Report published in October 2019. This public post includes a link to a PDF of a data spreadsheets that clarifies municipal GHG measurements. See "Town of Bedford Municipal Energy" in notes section in the public post, using the URL below.

<https://bedford2030.org/town-of-bedford-climate-action-plan-progress-report/>