

The Town of Bethel’s community greenhouse gas (GHG) inventory identifies and quantifies the sources of GHG emissions from community activities and establishes a baseline from which future emissions reductions and progress can be measured. New York State conducted regional GHG emissions inventories for the baseline year 2010, which included emissions for each community in the Mid-Hudson Region. **Table 1** lists the Town of Bethel’s emission sectors and **Figure 1** shows GHG emissions associated with each sector. Mobile Energy is the Town of Bethel’s largest source of GHG emissions, comprising approximately 46% of 2010 community emissions followed by Residential and Commercial Energy at 28% and 13%, respectively. Bethel plans to undertake a comprehensive outreach program including a new webpage concentrating on electric vehicles, solar installations and building efficiency improvements. The Town of Bethel has adopted a unified solar permit and a comprehensive solar law encouraging small and large scale solar development. Bethel is planning to install bicycle racks in several key areas around the community to encourage a reduction in local driving and is also exploring the installation of EV charging stations. Bethel urged County officials to pass PACE financing and plans to encourage small businesses in town to undertake building improvements.

2010 TOTAL COMMUNITY GHG EMISSIONS  
OF 55,427 MTCO<sub>2</sub>e  
IS EQUIVALENT TO CO<sub>2</sub> EMISSIONS FROM

11,708



Miles/year driven by an average passenger vehicle

17,590



Tons of waste sent to the landfill

HOW DO PER CAPITA EMISSIONS COMPARE TO COUNTY AND REGIONAL AVERAGES?

### Town of Bethel

TABLE 1: Community GHG Inventory (2010)

GHG EMISSION SECTORS	MTCO <sub>2</sub> e*
Residential	15,372
Commercial	7,469
Industrial	12
Mobile Energy	25,412
Solid Waste	1,395
Wastewater Treatment	414
Industrial Processes	1,579
Agriculture	2,976
Energy Supply	797
<b>Total Emissions</b>	<b>55,427</b>
Population	4,255
Per Capita Emissions	13

\*Metric Tons of Carbon Dioxide Equivalent

FIGURE 1: Community GHG Emissions by Sector (2010)



