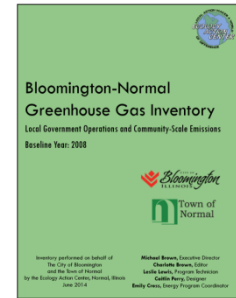


GHG INVENTORY/CLEAN AIR PLAN

2017 ANNUAL REPORT

THE ECOLOGY ACTION CENTER HAS COMPLETED THE FOLLOWING ITEMS DURING CALENDAR YEAR 2017 IN FULFILLMENT OF THE COMMUNITY ENERGY STRATEGIC PLAN (BNCESP) PROGRAM AGREEMENT OF APRIL 25, 2016.



BACKGROUND

This year, the EAC continued its work on the second Greenhouse Gas Emissions Inventory for the Bloomington-Normal Community. The initial baseline inventory was conducted in 2008. The 2015 inventory that is currently in progress will provide an update on total community emissions and allow us to assess the change in emissions between the two years. Local Greenhouse Gas Emission Inventories involve collecting energy use data for both the local government organizations and the wider communities. The energy quantities collected are then entered into ClearPath software, which assists with calculating the quantities of carbon dioxide, methane and nitrous dioxide released locally into the atmosphere.

The Ecology Action Center's GHG Emissions Inventory is funded by and is being conducted in partnership with The Town of Normal and The City of Bloomington. The Inventory is an important precursor to the future formation of a community-wide Energy Strategic Plan (BNCESP). Not only does this inventory allow our community to estimate our current impact on air quality and monitor its current energy consumption, it will also empower us to develop future community-wide strategies for reducing climate-changing greenhouse gases, conserving energy, saving money and preserving precious natural resources.

DATA COLLECTION

The EAC collected energy use data from Bloomington-Normal Local Government Organizations.

- Buildings and facility energy use
- Public transportation fuel consumption
- Energy and fuel used in water treatment
- Vehicle fleet fuel use
- Average annual vehicular miles traveled by LGO employees

The EAC collected the following energy use data for the wider community of Bloomington-Normal.

- Fuel used by Amtrak
- Average number of community vehicular miles traveled
- Quantity of solid waste production
- Community utility energy usage by sector

TIMELINE

Despite multiple staff changes this year, the EAC has advanced its progress on the GHG Emissions Inventory this year. The primary project activities for the year 2017 were data collection and research. Although we were unable to meet the original anticipated deadline for completion, the EAC plans to finalize data collection and publish a revised draft of the initial 2008 baseline report within the first half of 2018.