

New Jersey Community-Scale Energy Usage Data Project

Sustainable Jersey's NJ Community-Scale Energy Usage Data Project is an ongoing initiative to collect and publicly share aggregated community energy usage data for every municipality within all seven New Jersey investor-owned utility (IOU) territories starting from 2015.



This data is intended to help municipalities, green teams, and the general public understand their community's energy usage and calculate greenhouse gas emissions – as well as reduce the number of individual requests for data to the utilities. Sustainable Jersey is also using the data to research energy use in New Jersey, such as comparing energy use (and GHG emissions) of municipalities to each other and energy use over time.

The [New Jersey Community Energy Usage Data 2015](#) document provides a complete formatted set of data for 2015. A working master dataset for 2015-2019 will be available soon.

2015 New Jersey Community Energy Usage Data

The 2015 data includes:

- a list of all NJ municipalities including the county and IOU (investor-owned utility);
- electric usage in kilowatt-hours for: residential, commercial, industrial, and street lighting
- natural gas usage in therms for: residential, commercial, industrial, and street lighting
- GHG emissions from other heating fuels reported in metric tons
 - [Other Heating Fuels Data 2015](#) shows the number of housing units in every municipality and data on how many units are using other heating fuel (not natural gas or electricity)

Legend & Acronyms

Municipal electric utility

Utility data for municipalities that are located within a municipal electric utility is not included. For municipalities served by both a municipal electric utility and an IOU, only data from the IOU is included.

Data Suppressed (DS)

These are instances in which the utilities do not share usage data, and this data is 'suppressed'. Typically, information for a customer class (residential, commercial, industrial) will not be released if there are fewer than four customers, or if any one customer constitutes 80% of the usage (known as the "4/80 rule"). Utilities vary in the values for the cutoff rule: for Rockland Electric territory, the residential cutoff is 15/15; all other New Jersey IOUs use the cutoff value of 6/40.

Included in the Commercial Category (IICC)

To keep total usage accurate, information that has been suppressed is sometimes included in other categories (e.g., industrial data is combined with commercial). This is reflected in data from Elizabethtown Gas, New Jersey Natural Gas, and South Jersey Gas. Industrial data for these utilities is included the commercial category.

No Data Reported (NDR)

This refers to missing data that was not identified as DS or IICC or if the municipality does not have energy use in the category. For example, some municipalities don't have any industrial facilities.