

NYSERDA Utility Energy Registry Monthly ZIP Code Energy Use: 2016 - 2021

Overview

General Description

The Utility Energy Registry (UER) is a database platform managed by the New York State Energy Research and Development Authority (NYSERDA) that provides streamlined public access to aggregated community-scale utility-reported energy data. The UER is intended to promote and facilitate community-based energy planning and energy use awareness and engagement. On April 19, 2018, the New York State Public Service Commission (PSC) issued the Order Adopting the Utility Energy Registry under regulatory CASE 17-M-0315. The order requires utilities under its regulation to develop and report community energy use data to the UER. See <http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterCaseNo=17-M-0315> for more details.

This dataset includes electricity and natural gas usage data reported at the ZIP code level collected under a data protocol in effect between 2016 and 2021. Other UER datasets include energy use data reported at the county, city, town, and village level. Data collected after 2021 were collected according to a modified protocol. Those data may be found at <https://data.ny.gov/Energy-Environment/Utility-Energy-Registry-Monthly-ZIP-Code-Energy-Us/g2x3-izm4>.

Data in the UER can be used for a number of important purposes such as planning community energy programs, developing community greenhouse gas emissions inventories, and relating how certain energy projects and policies may affect a particular community. It is important to note that the data are subject to privacy screening and fields that fail the privacy screen are withheld.

NYSERDA's Communities and Local Government team provides opportunities for communities to come together to support energy efficiency and renewable energy, creating a cleaner future for today and generations to come. Since local governments enact codes, control energy consuming assets, develop projects, adopt policies, and regulate land use, they can have a far-reaching impact on the community energy picture.

NYSERDA offers objective information and analysis, innovative programs, technical expertise, and support to help New Yorkers increase energy efficiency, save money, use renewable energy, and reduce reliance on fossil fuels. To learn more about NYSERDA's programs, visit nyserdera.ny.gov or follow us on X, Facebook, YouTube, or Instagram.

Data Collection Methodology

Utilities aggregated data geospatially across their service territories and reported monthly data to NYSERDA biennially. Utilities prepared data according to the NY UER Data Reporting Template in effect at the time adopted by NYSERDA and prepared consistent with the National UER Data Template.

Statistical and Analytic Issues

UER data was prepared by utility companies and submitted to NYSERDA. Utilities are solely responsible for the accuracy and quality of UER data, and NYSERDA does not warrant or guarantee the accuracy of data submitted to the UER.

Limitations of Data Use

Utilities withheld sector data to protect consumer privacy if it failed a count and magnitude screen. The residential sector screen was 15/15. If there were less than 15 accounts, or if one account was more than 15% of the total, the entire sector was withheld. The screen for non-residential sectors (SC and O) was 6/40.