Anonymous Data Service Handbook

Step-by-Step Instructions Inside
Welcome to the Anonymous Data Service handbook. Requestors can now securely access customer anonymized interval energy usage data in 30-minute intervals. ComEd supports requestors such as: non-profits, research firms, municipalities, retail electric suppliers, educational institutions, and private business as they develop innovative solutions that deliver greater value to our customers.

Please follow the step-by-step instructions provided in this handbook to securely access anonymized data.
Introduction

One of the benefits of smart meter technology is the availability of energy usage data. The Anonymous Data Service includes a maximum of 24 months of 30-minute interval energy usage data. There is a fee associated with each request, based on the number of months requested and the granularity of the data provided (five or nine digit ZIP codes).

This usage data is on a meter-per-meter basis, it is not aggregated. Data sets will include data available for all ZIP codes where Advanced Metering Infrastructure (AMI) meters have been installed within the ComEd territory that meet the anonymization protocol.

PLEASE NOTE
Prior to submitting a request to the Anonymous Data Service (ADS), ComEd recommends completing the following steps:

- Review this handbook and the ADS FAQs
- Ask your legal counsel to review the ADS Agreement and Registration Form
Anonymous Data Service

You can now access anonymized interval energy usage data in 30-minute intervals for all ZIP codes where smart meters have been installed within the areas ComEd serves. Based on the anonymization protocol specified by the Illinois Commerce Commission (ICC), there are two products available:

- Five-digit ZIP code data
- Nine-digit ZIP code data, commonly referred to as ZIP code + 4
  - Zip code + 4-digit extension is utilized for a more detailed location

ComEd compiles and updates customer data monthly and makes that data available to you via a secure electronic system.

Anonymization Protocol

To ensure anonymity, customer names, addresses and account numbers are omitted from the files. In addition, ComEd institutes the 15/15 anonymization protocol:

- Each data set must contain at least 15 customers
- Not one of the 15 can have 15% or more of the usage within that data set
Part One: Registration

1. The Anonymous Data Agreement and Registration Form are available at ComEd.com/ADS. These are editable PDF files. Complete each document and return via email to EnergyDataService@ComEd.com.

   The Anonymous Data Agreement outlines the terms of the data request and must be signed by both the Requestor and ComEd.

   The Registration Form is part of the Anonymous Data Agreement and must be completed by the Requestor, detailing the specific data intervals requested.

2. Upon receipt of these forms, ComEd will send you an invoice for your charges to access the ADS files (up to 24 months of interval data) as requested. Pricing options and any available discounts are shown on the Registration Form and are subject to change.

   For instructions on how to access the data you requested, see Part Two: Accessing Data.
Part One: Registration Continued

3 Once payment has been confirmed, you will receive an email to access the Anonymous Data via SharePoint. From the email, you will need to click the Open button. The link will only work for the direct recipient(s) of the shared message. As a reminder, you will only have 35 days to access the data.

*You may need to verify your identity and request a verification code.
Part Two: **Accessing Data Step-by-Step Guide**

1. Only the email address submitted on the Anonymous Data Registration Form will be able to access the file/folder which was shared. As an external user, you will be able to view and download files as needed.

2. Each month, ComEd generates and uploads the ADS files for the previous month. This happens no later than the fifth day of each month.

- Files are grouped by month in YYYY/ MM format.

- Each month will include a list of delivery classes that passed the 15/15 rule within each ZIP code.

- If a ZIP code/delivery class combination is not listed, it did not pass the 15/15 rule and will not be downloaded.
Part Two: **Accessing Data Step-by-Step Guide** Continued

3. Through SharePoint, you can review/download up to 24 months of anonymous data files.

4. Once you open a folder, you will be asked if you want to download the data. Click "download" then click "open" on your download pop-up.
Part Two: **Accessing Data Step-by-Step Guide** Continued

5 This file will then save to the ‘Downloads’ folder on your computer. Double click the file to access the data.

Example of the data you will see:

![Data Example Image]

6 You will have 35 days to access and download the applicable ADS files through SharePoint. After 35 days, the data will no longer be available.
FAQs

Q – What is Anonymous Data Service?
A – Anonymous Data Service offers up to 24 months of 30-minute interval energy usage data, on a meter-by-meter, not aggregated basis. Data sets include data available for all ZIP codes where smart meters have been installed within the areas ComEd serves. Based on the anonymization protocol specified by the Illinois Commerce Commission (ICC) there are two products available:

- **Five-digit ZIP Code Data**
- **Nine-digit ZIP Code Data** (example: 60601-2449)
  - Zip code + 4-digit extension is utilized for a more detailed location

Q – What is anonymous usage data?
A – Anonymous usage data does not include any personally identifiable customer information to ensure the confidentiality of customer-specific usage information. The 15/15 anonymization protocol set by the Illinois Commerce Commission (ICC) is also used for added anonymity.

Q – What is the 15/15 anonymization protocol?
A – Each data set must contain at least 15 customers. Data from any one of those 15 customers cannot represent 15% or more of the total usage data within that data set.

Q – How often is the data captured?
A – Data is captured monthly by ZIP or ZIP+4 codes and uploaded by the 5th day of the month for the previous month.

Q – What is included and how is the data provided?
A – The data is available for download in a CSV file. Each record contains:

- The ZIP or ZIP+4 number
- A random account identifier for each customer
- The customer’s delivery class
- The customer’s 30-minute interval usage by day for the entire month

Q – Does the random account identifier stay the same for each customer?
A – No. To ensure anonymity, the random account identifiers will continue to change for each customer.
FAQs Continued

Q – What is the fee for accessing the anonymous data?
A – Pricing can be found on the Registration Form at [ComEd.com/ADS](http://ComEd.com/ADS) and is subject to change. Eligible nonprofits, educational institutions, government agencies and grant-based researchers may receive a discount. Descriptions for organizations eligible for a discount can be found in the Data Service Descriptions PDF at [ComEd.com/ADS](http://ComEd.com/ADS).

Q – Is the data aggregated?
A – No, the data is not aggregated (summed or averaged). You will receive up to 24 months of 30-minute interval energy usage data on a meter-by-meter basis.

Q – Is there ZIP+3 data or specific city or county anonymous data available?
A – If you are looking for something more specific, you can make a special request to ComEd. Please submit your request to EnergyDataService@ComEd.com. Special requests will be priced at an hourly fee. Details can be found in the Data Services Descriptions PDF at [ComEd.com/ADS](http://ComEd.com/ADS).

Q – What is the download speed of the data delivery?
A – Because the size of the data requested may vary (potentially up to 24 months of data). Download times will vary.

Questions?
If you have any questions about Anonymous Data Services, please contact ComEd.

**Energy Data Services**
[EnergyDataService@ComEd.com](mailto:EnergyDataService@ComEd.com)

**Regulatory Compliance**
[ComEdDataRequest@ExelonCorp.com](mailto:ComEdDataRequest@ExelonCorp.com)

**Additional Information**
[ComEd.com/ADS](http://ComEd.com/ADS)