

Eversource partnered with the City of Boston, Massachusetts, and the City of Cambridge, Massachusetts, in the Better Buildings Energy Data Accelerator (EDA).

Implementation Highlights

- ▶ The City of Boston and Eversource worked collaboratively to develop a data access solution. Starting with a Memorandum of Understanding to clearly define the goal of providing whole-building data access to commercial building owners, Eversource also provided a dedicated staff member to interface with the city, and to ensure that the data access solution supported compliance with the city's benchmarking ordinance.
- ▶ Based on the initial experience of working with the City of Boston, Eversource was readily able to expand its data access system to support building owners in the neighboring City of Cambridge, in order to support the Cambridge benchmarking ordinance.
- ▶ Eversource's solution featured a standalone data access portal, through which commercial customers in Boston and Cambridge could submit requests for aggregate whole-building data.
 - In the current version of the tool, the building owner uses the portal to identify their building and to initiate the meter-to-building mapping process. The owner then receives the aggregate data output in spreadsheet format, which must be manually uploaded into EPA's Portfolio Manager® to complete the benchmarking process.
 - In the future, Eversource seeks to incorporate Portfolio Manager web services, in order to send whole-building aggregate data directly into EPA's benchmarking tool.

LOCAL COMMUNITY

EDA Local Government Partner	Boston, Massachusetts, and Cambridge, Massachusetts
Local Benchmarking Programs	City of Boston and City of Cambridge ordinances

UTILITY DATA ACCESS PROGRAM

Name of Utility Benchmarking/Data Access Program	Energy Disclosure and Reporting Portal
Web Address for Accessing Benchmarking Data	www.eversource.com/ccberdoapps/energydisclosurereporting/energydisclosurelogin.aspx
Types of Utility Customers Receiving Benchmarking Data	Commercial and Multifamily Building Owners

ADDRESSING CUSTOMER PRIVACY

Method of Balancing Customer Privacy with Data Access	<p>★ Aggregation threshold: if 4 or more tenants in building (and no single tenant consumes more than 50% of total building energy), utility can provide aggregate whole-building data to building owner without explicit tenant authorization.</p> <p>If fewer than 4 tenants (or a single tenant consumes more than 50% of total building energy), utility must have written authorization from each tenant before providing aggregate whole-building data.</p>
---	---

AGGREGATING AND TRANSFERRING WHOLE-BUILDING DATA

Method for Transferring Utility Benchmarking Data to the Building Owner	Owner receives a spreadsheet file from Eversource containing whole-building aggregate data; owner must manually input this information into Portfolio Manager to complete the benchmarking process.
Method of Mapping Meters/Accounts to Physical Buildings	Owner enters service address(es) and at least one account/meter number for the property; utility identifies associated meters/accounts.

TYPE OF DATA

Format of the Data	Spreadsheet, formatted to facilitate easy upload into Portfolio Manager
Temporal and Spatial Granularity of the Data	Monthly, whole-building

Key: ★ Best Practice

About the Better Buildings Energy Data Accelerator

DOE's Better Building Energy Data Accelerator (BBEDA) was a two-year partnership with cities and utilities to improve energy efficiency by making energy data more accessible to building owners. As a result of best practices developed by these partners, 18 utilities serving more than 2.6 million commercial customers nationwide will provide whole-building energy data access to building owners by 2017.