

Actions

Access this Dataset via OData

Use OData to open the dataset in tools like Excel or Tableau. This provides a direct connection to the data that can be refreshed on-demand within the connected application. Tableau users should select the OData v2 endpoint option.

[Socrata OData Documentation](#)

OData Endpoint

https://data.seattle.gov/api/odata/v4/2bpz-gwpy

OData V4

Copy

Done

Export

2016 Building Energy Benchmarking

Built Environment

Seattle’s Building Energy Benchmarking Program (SMC 22.920) requires owners of non-residential and multifamily buildings (Greater than 20,000 square feet) to track energy performance and annually report to the City of Seattle. Annual benchmarking, reporting and disclosing of building performance are foundational elements of creating more market value for energy efficiency.

Per Ordinance (125000), starting with 2015 energy use performance reporting, the City of Seattle is making the data for all buildings greater than 20,000 SF available annually. This dataset contains all 2016 buildings required to report.

If you have questions or comments on the data, email us at [energybenchmarking@seattle.gov](mailto:energybenchmarking@seattle.gov) and include Open Data in the subject line.

Read less

Last UpdatedSeptember 30, 2024

Data Provided ByCity of Seattle

About this Dataset

Updated

September 30, 2024

Data Last Updated March 15, 2018

Metadata Last Updated September 30, 2024

Date Created March 15, 2018

Views

Downloads

15.1K

1,892

Data Provided by City of Seattle

Dataset Owner Mike.Roos@seattle.gov

Department

Department

Office of Sustainability and Environment

Refresh Frequency

Frequency

One Time

Topics

Category

Built Environment

Tags

[building](#), [eui](#), [energy](#), [steam](#), [electricity](#), [greenhouse gas](#), [emissions](#), [benchmarking](#), [natural gas](#), [ose](#), [office of sustainability and environment](#)

Licensing and Attribution

License

Public Domain

Source Link

<https://www.seattle.gov/energybenchmarking>

What's in this Dataset?

Rows

Columns (46)

Column Name	Description	API Field Name	Data Type
#OSEBuildingID	A unique identifier assigned to each property covered by the Seattle Benchmarking Ordinance for tracking and identification purposes.	osebuildingid	Number
#DataYear	Calendar year (January-December) represented by each data record.	datayear	Number
TrBuildingType	City of Seattle building type classification.	buildingtype	Text
TrPrimaryPropertyType	The primary use of a property (e.g. office, retail store). Primary use is defined as a function that accounts for more than 50% of a property. This is the Property Type - EPA Calculated field from Portfolio Manager. <div>Read less</div>	primarypropertytype	Text
TrPropertyName	Official or common property name as entered in EPA's Portfolio Manager.	propertyname	Text
TrAddress	Property street address	address	Text
TrCity	Property city	city	Text
TrState	Property state	state	Text
#ZipCode	Property zip	zipcode	Number
TrTaxParcelIdentificationNumber	Property King County PIN	taxparcelidentificationnumber	Text
#CouncilDistrictCode	Property City of Seattle council district.	councildistrictcode	Number
TrNeighborhood	Property neighborhood area defined by the City of Seattle Department of Neighborhoods.	neighborhood	Text
#Latitude	Property latitude.	latitude	Number
#Longitude	Property longitude.	longitude	Number
#YearBuilt	Year in which a property was constructed or underwent a complete renovation.	yearbuilt	Number
#NumberOfBuildings	Number of buildings included in the property's report. In cases where a property is reporting as a campus, multiple buildings may be included in one report.	numberofbuildings	Number
#NumberOfFloors	Number of floors reported in Portfolio Manager	numberoffloors	Number
#PropertyGFATotal	Total building and parking gross floor area.	propertygfatotal	Number
#PropertyGFAParking	Total space in square feet of all types of parking (Fully Enclosed, Partially Enclosed, and Open).	propertygfaparking	Number
#PropertyGFABuilding(s)	Total floor space in square feet between the outside surfaces of a building's enclosing walls. This includes all areas inside the building(s), such as tenant space, common areas, stairwells, basements, storage, etc. <div>Read less</div>	propertygfabuilding_s	Number
TrListOfAllPropertyUseTypes	All property uses reported in Portfolio Manager	listofallpropertyusetypes	Text
TrLargestPropertyUseType	The largest use of a property (e.g. office, retail store) by GFA.	largestpropertyusetype	Text
#LargestPropertyUseTypeGFA	The gross floor area (GFA) of the largest use of the property.	largestpropertyusetypegfa	Number
TrSecondLargestPropertyUseType	The second largest use of a property (e.g. office, retail store) by GFA.	secondlargestpropertyusetype	Text
#SecondLargestPropertyUseTypeGFA	The gross floor area (GFA) of the second largest use of the property.	secondlargestpropertyuse	Number
TrThirdLargestPropertyUseType	The third largest use of a property (e.g. office, retail store) by GFA.	thirdlargestpropertyusetype	Text
#ThirdLargestPropertyUseTypeGFA	The gross floor area (GFA) of the third largest use of the property.	thirdlargestpropertyusetypegfa	Number
#YearsENERGYSTARCertified	Years the property has received ENERGY STAR certification.	yearsenergystarcertified	Number
TrENERGYSTARScore	An EPA calculated 1-100 rating that assesses a property's overall energy performance, based on national data to control for differences among climate, building uses, and operations. A score of 50 represents the national median. <div>Read less</div>	energystarscore	Text
#SiteEUI(kBtu/sf)	Site Energy Use Intensity (EUI) is a property's Site Energy Use divided by its gross floor area. Site Energy Use is the annual amount of all the energy consumed by the property on-site, as reported on utility bills. Site EUI is measured in thousands of British thermal units (kBtu) per square foot. <div>Read less</div>	sitereui_kbtu_sf	Number

	Description		
#SiteEUIWN(kBtu/sf)	<p>Weather Normalized (WN) Site Energy Use Intensity (EUI) is a property's WN Site Energy divided by its gross floor area (in square feet). WN Site Energy is the Site Energy Use the property would have consumed during 30-year average weather conditions. WN Site EUI is measured in measured in thousands of British thermal units (kBtu) per square foot.</p> <p><a href="#">Read less</a></p>	siteeuiwn_kbtu_sf	<a href="#">Number</a>
#SourceEUI(kBtu/sf)	<p>Source Energy Use Intensity (EUI) is a property's Source Energy Use divided by its gross floor area. Source Energy Use is the annual energy used to operate the property, including losses from generation, transmission, &amp; distribution. Source EUI is measured in thousands of British thermal units (kBtu) per square foot.</p> <p><a href="#">Read less</a></p>	sourceeui_kbtu_sf	<a href="#">Number</a>
#SourceEUIWN(kBtu/sf)	<p>Weather Normalized (WN) Source Energy Use Intensity (EUI) is a property's WN Source Energy divided by its gross floor area. WN Source Energy is the Source Energy Use the property would have consumed during 30-year average weather conditions. WN Source EUI is measured in measured in thousands of British thermal units (kBtu) per square foot.</p> <p><a href="#">Read less</a></p>	sourceeuiwn_kbtu_sf	<a href="#">Number</a>
#SiteEnergyUse(kBtu)	<p>The annual amount of energy consumed by the property from all sources of energy.</p>	siteenergyuse_kbtu	<a href="#">Number</a>
#SiteEnergyUseWN(kBtu)	<p>The annual amount of energy consumed by the property from all sources of energy, adjusted to what the property would have consumed during 30-year average weather conditions.</p> <p><a href="#">Read less</a></p>	siteenergyusewn_kbtu	<a href="#">Number</a>
#SteamUse(kBtu)	<p>The annual amount of district steam consumed by the property on-site, measured in thousands of British thermal units (kBtu).</p>	steamuse_kbtu	<a href="#">Number</a>
#Electricity(kWh)	<p>The annual amount of electricity consumed by the property on-site, including electricity purchased from the grid and generated by onsite renewable systems, measured in kWh.</p> <p><a href="#">Read less</a></p>	electricity_kwh	<a href="#">Number</a>
#Electricity(kBtu)	<p>The annual amount of electricity consumed by the property on-site, including electricity purchased from the grid and generated by onsite renewable systems, measured in thousands of British thermal units (kBtu).</p> <p><a href="#">Read less</a></p>	electricity_kbtu	<a href="#">Number</a>
#NaturalGas(therms)	<p>The annual amount of utility-supplied natural gas consumed by the property, measured in therms.</p>	naturalgas_therms	<a href="#">Number</a>
#NaturalGas(kBtu)	<p>The annual amount of utility-supplied natural gas consumed by the property, measured in thousands of British thermal units (kBtu).</p>	naturalgas_kbtu	<a href="#">Number</a>
☑DefaultData	<p>The property used default data for at least one property characteristic.</p>	defaultdata	<a href="#">Checkbox</a>
TrComments	<p>Comments by a building owner or agent to provide context to the building's energy use.</p>	comments	<a href="#">Text</a>
TrComplianceStatus	<p>Whether a property has met energy benchmarking requirements for the current reporting year.</p>	compliancestatus	<a href="#">Text</a>
TrOutlier	<p>Whether a property is a high or low outlier (Y/N)</p>	outlier	<a href="#">Text</a>
TrTotalGHGEmissions	<p>The total amount of greenhouse gas emissions, including carbon dioxide, methane, and nitrous oxide gases released into the atmosphere as a result of energy consumption at the property, measured in metric tons of carbon dioxide equivalent. This calculation uses a GHG emissions factor from Seattle City Light's portfolio of generating resources. This uses Seattle City Light's 2015 emissions factor of 52.44 lbs CO2e/MWh until the 2016 factor is available. Enwave steam factor = 170.17 lbs CO2e/MMBtu. Gas factor sourced from EPA Portfolio Manager = 53.11 kg CO2e/MBtu.</p> <p><a href="#">Read less</a></p>	totalghgmissions	<a href="#">Text</a>
TrGHGEmissionsIntensity	<p>Total Greenhouse Gas Emissions divided by property's gross floor area, measured in kilograms of carbon dioxide equivalent per square foot. This calculation uses a GHG emissions factor from Seattle City Light's portfolio of generating resources</p> <p><a href="#">Read less</a></p>	ghgmissionsintensity	<a href="#">Text</a>

Rows per page: 50 1-46 of 46 < >

## Dataset Changelog

No changes have been archived yet

**Open this dataset in Carto?**

Your browser will be redirected to Carto, would you like to proceed?

Note that Carto has a file size limit of 150MB or 500,000 rows.

Learn about more external integrations at

<https://support.socrata.com/hc/en-us/articles/115010730868>

CloseOpen

Open this dataset in Plot.ly?

Your browser will be redirected to Plot.ly, would you like to proceed?

Note that Plot.ly has a file size limit of 5MB.

Learn about more external integrations at

<https://support.socrata.com/hc/en-us/articles/115010730868>

CloseOpen

Send a Message to the Owner of this Dataset

Send a short message to the dataset owner to ask a question, make a comment, or point out something about the data.

Subject

Message

Your Email(Your email address will be shared with the dataset owner so they can get back to you)

☐ I'm not a robot

reCAPTCHA  
[Privacy](#) - [Terms](#)

CancelSend

# Manage Featured Content

## Featured Content

What would you like people to see when they first view this dataset? Promote up to 3 Socrata assets that use this data, or choose to feature any relevant external resources. Think of this section as the face of your data.

Add...

Add...

Add...

Done