

California Energy Commission

CA Building Energy Use Disclosure and Public Benchmarking Program Informational Webinar

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Benchmarking Program Team

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Housekeeping

- Today's webinar is being recorded
- Webinar presentation and recording will be posted to the <u>California Energy Commission (CEC)</u> <u>Benchmarking Webinar Event Page</u>
- Zoom Q&A feature
- Survey at the end



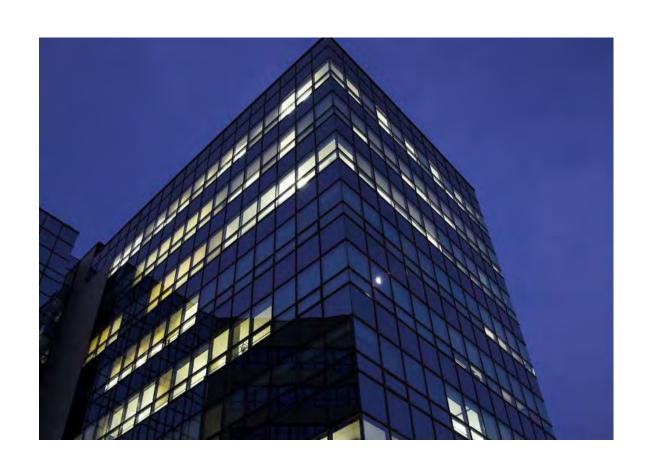
- Housekeeping and Introduction to Benchmarking
- Benefits of Benchmarking
- Steps to Benchmarking Compliance
- Exemption Categories and Annual Submission Process
- Public Disclosure Dashboard
- Live Question & Answer
- Closing Remarks



Building Energy Benchmarking Program

What is building energy benchmarking?

- Measuring and comparing a building's energy to similar buildings, past consumption, or a reference performance level
- Allows for informed building management and investment decisions





California's Benchmarking Program



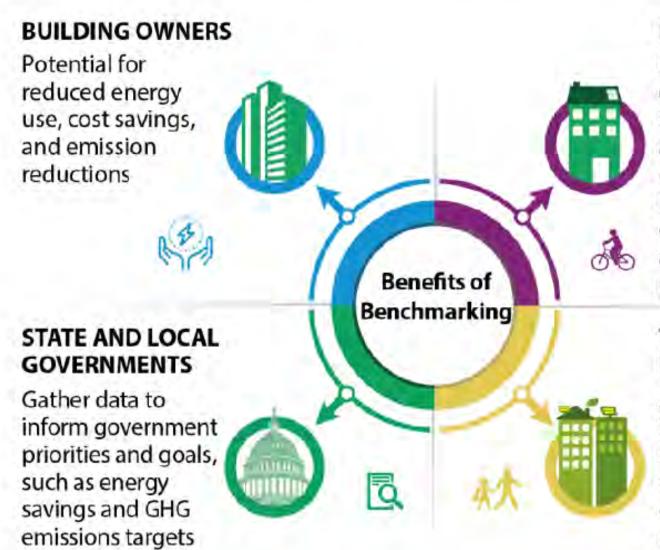
- Buildings with more than 50,000 ft² of gross floor area (GFA)
- Campuses totaling more than 50,000 ft²
- Reporting for commercial buildings began in 2018
- Reporting for multifamily buildings began in 2019
- Reports are due by June 1 or each year



Benefits of Benchmarking



The Benefits of Benchmarking



PUBLIC

Reduce GHG emissions, improve indoor and outdoor air quality, create local energy efficiency jobs, and improve public health.

TENANTS/ RESIDENTS

Access to information on building energy use, improved comfort, productivity, and tenant satisfaction



Steps to Benchmarking Compliance



Reporting Resources

Benchmarking Reference Number (BRN) Look Up Tool

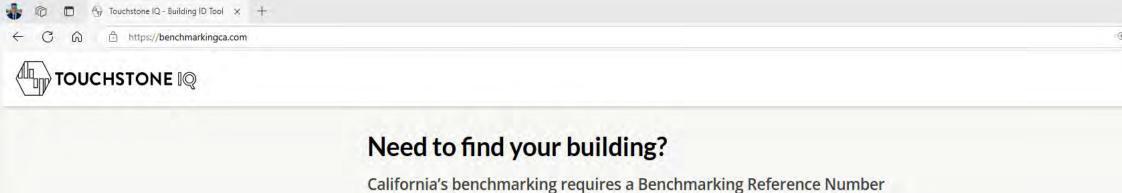
- Benchmarkingca.com
- Look up your BRN by address
- Look up compliance status

ENERGY STAR Portfolio Manager

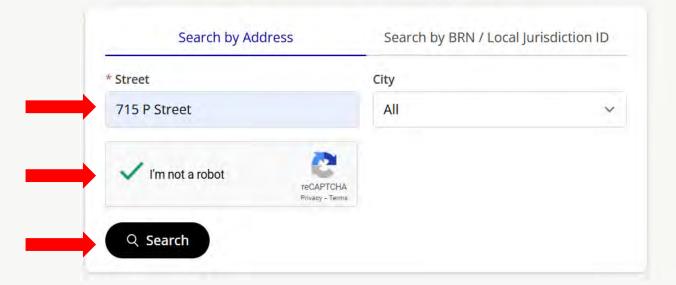
- Register an account
- Add buildings
- Report energy data
- Run data quality checker



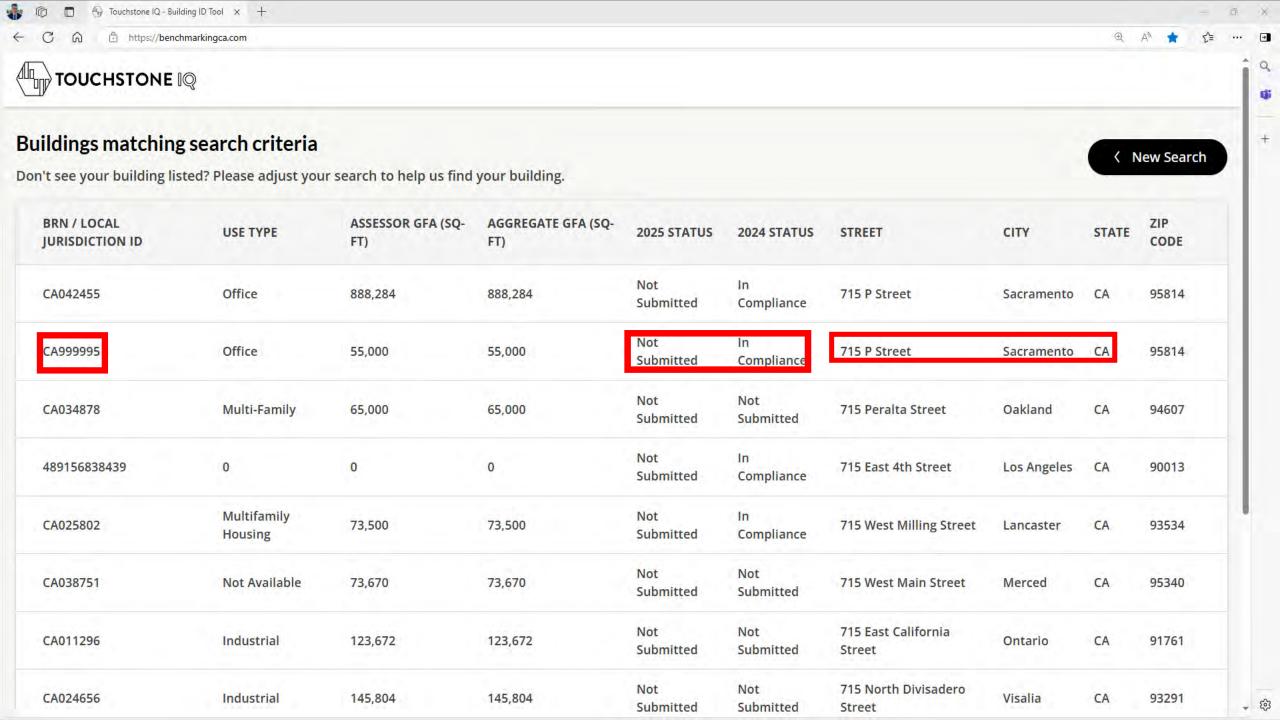
How to Look Up and Enter Your BRN

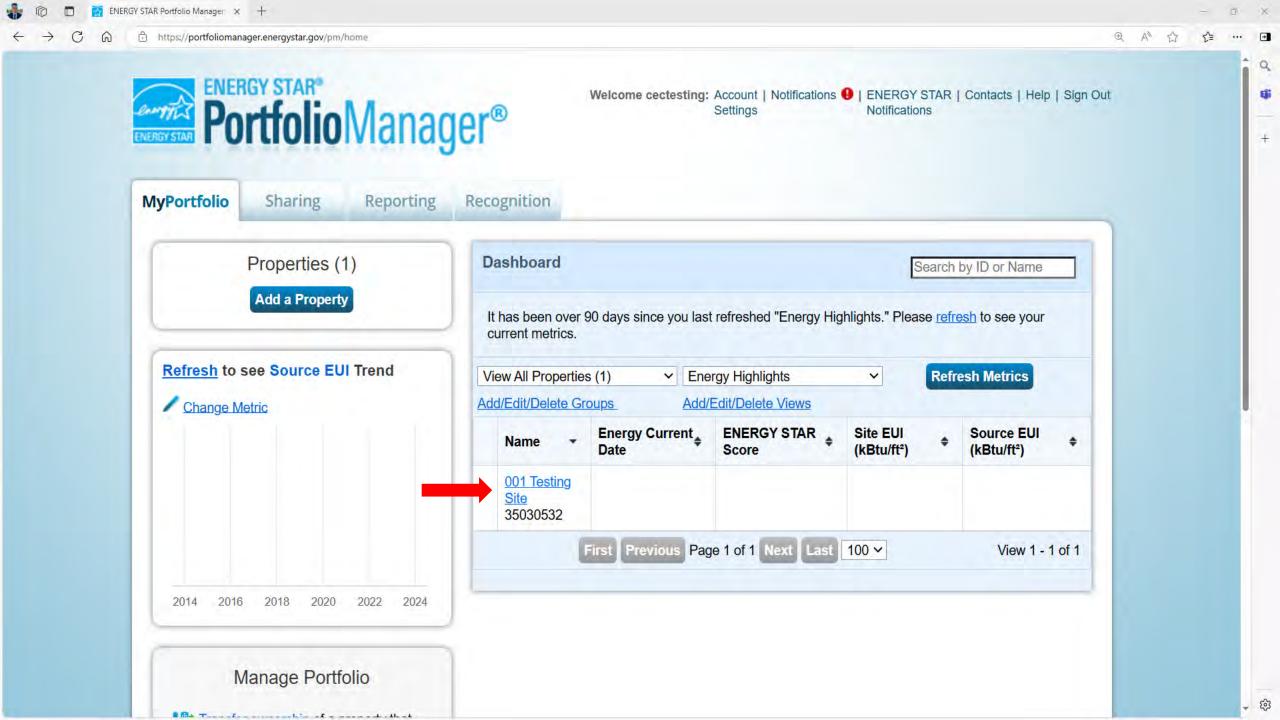


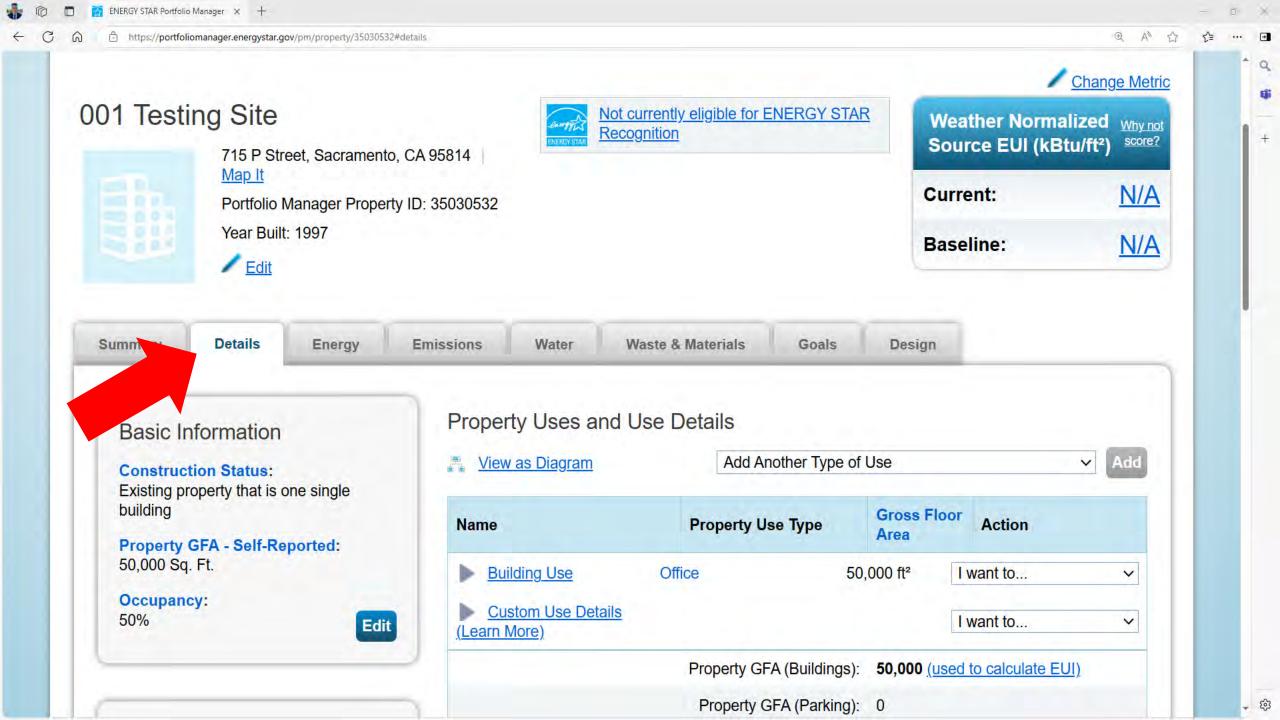
California's benchmarking requires a Benchmarking Reference Number (BRN) or Local Jurisdiction ID as part of the report submission process. Seamlessly identify yours with our helpful lookup tool.











Basic Information

Construction Status:

Existing property that is one single building

Property GFA - Self-Reported:

50,000 Sq. Ft.

Occupancy:

50%



Unique Identifiers (IDs)

Portfolio Manager ID:

35030532

Standard IDs:

Standard ID - State/Province

California Benchmarking Reference

Number: CA999995

Custom IDs:

None

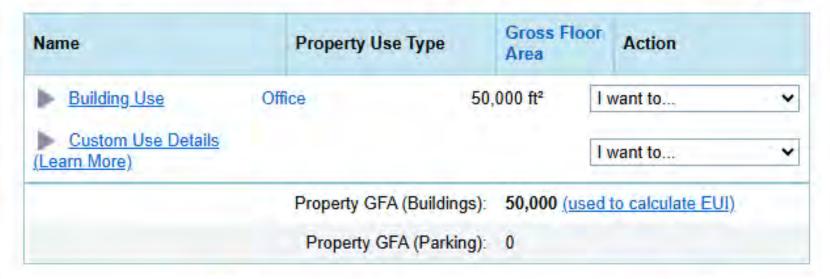


Property Uses and Use Details

Niew as Diagram

Add Another Type of Use



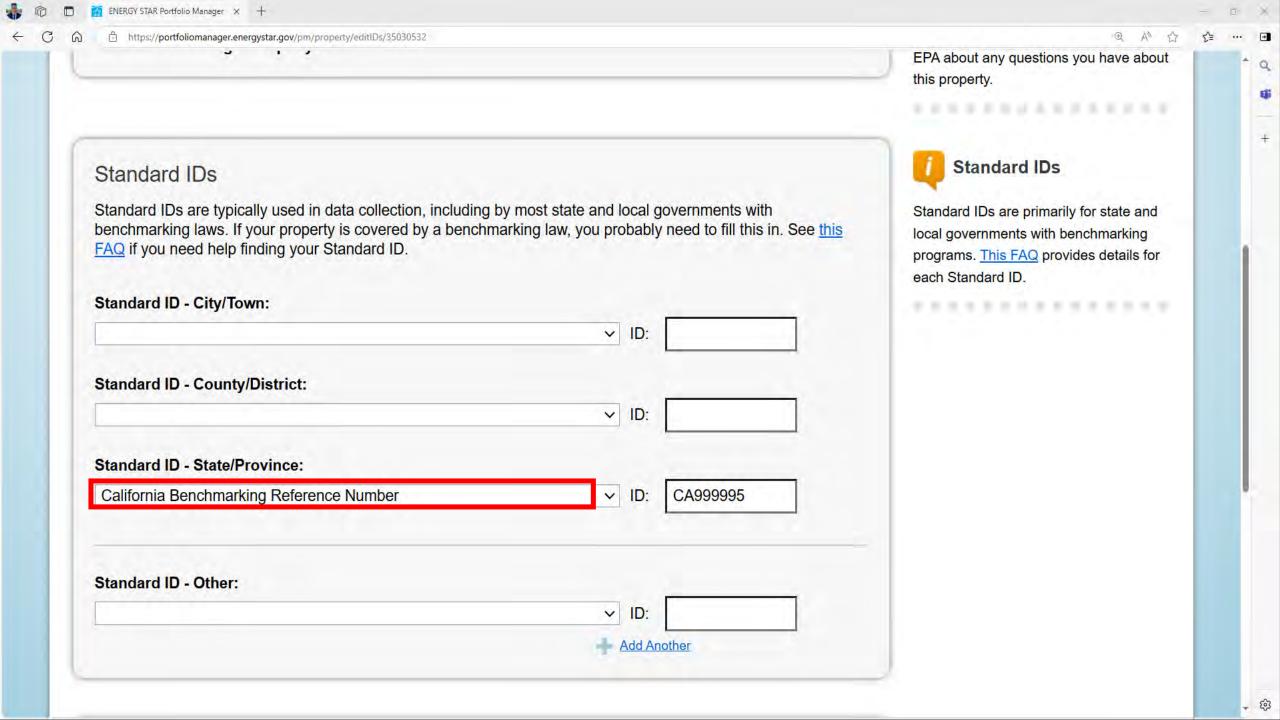


To edit multiple uses for this property (or multiple properties), you can use the <u>Update Use</u>

<u>Details spreadsheet template</u>.

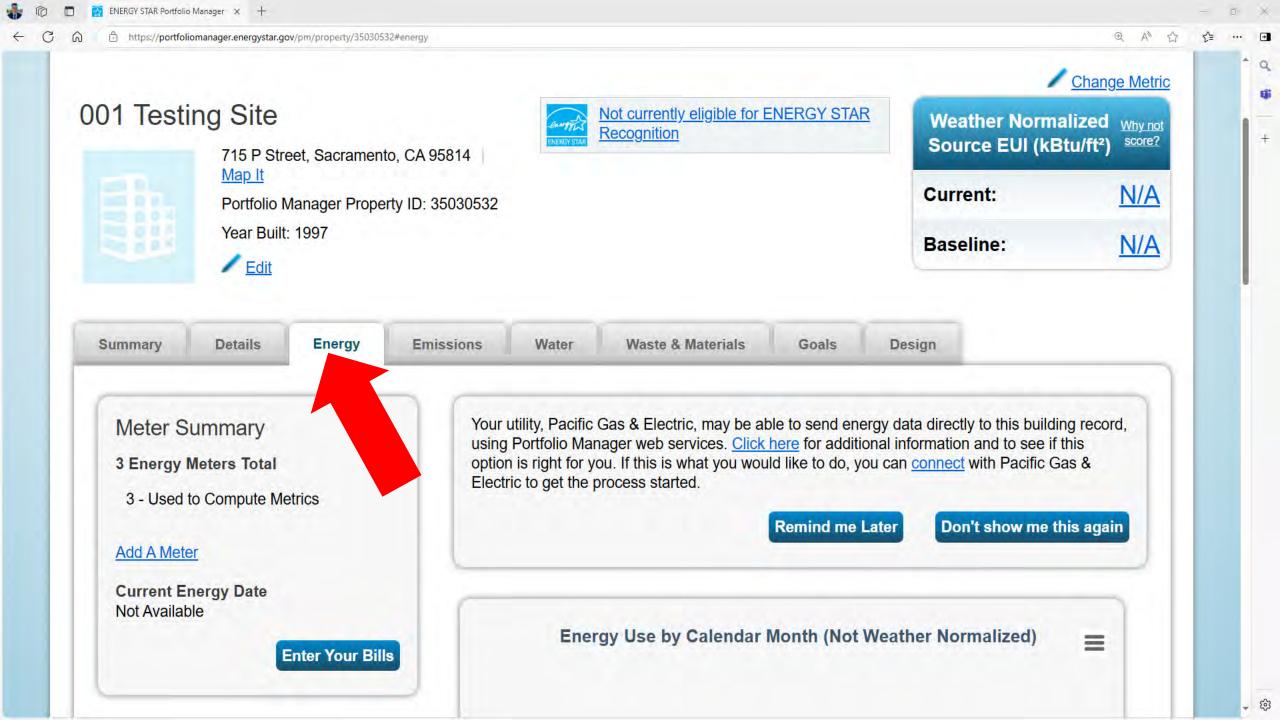


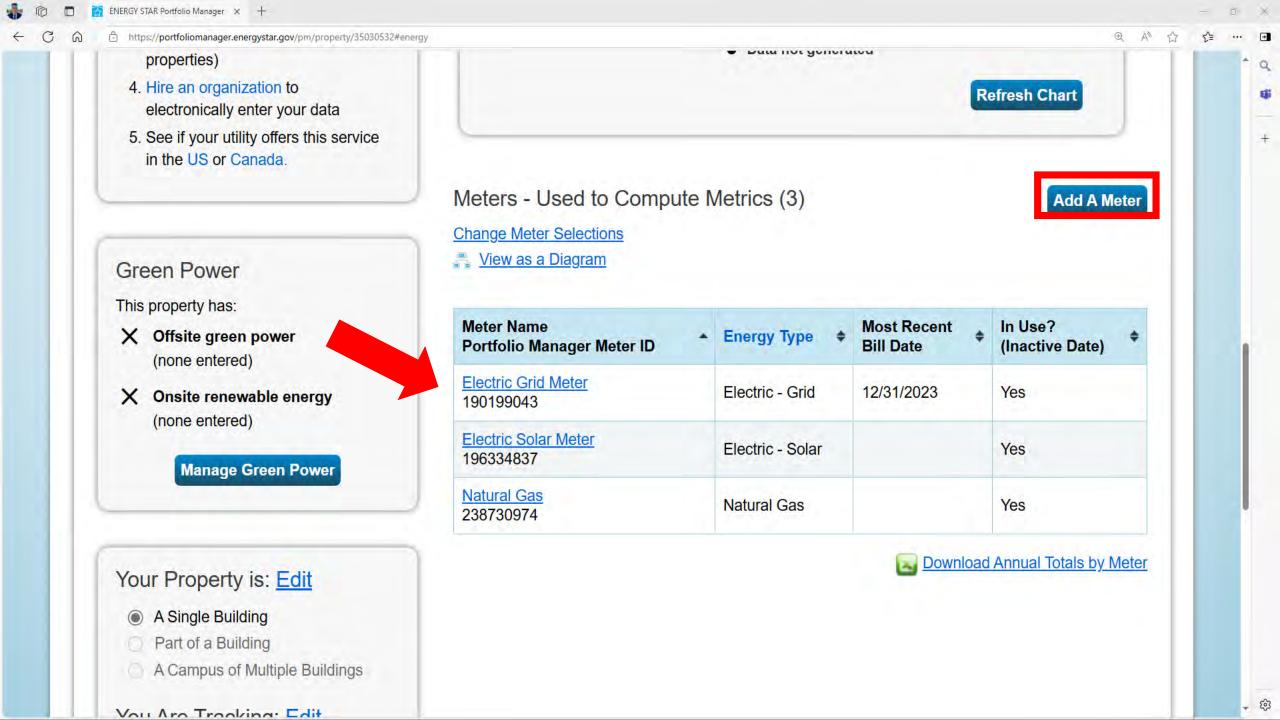


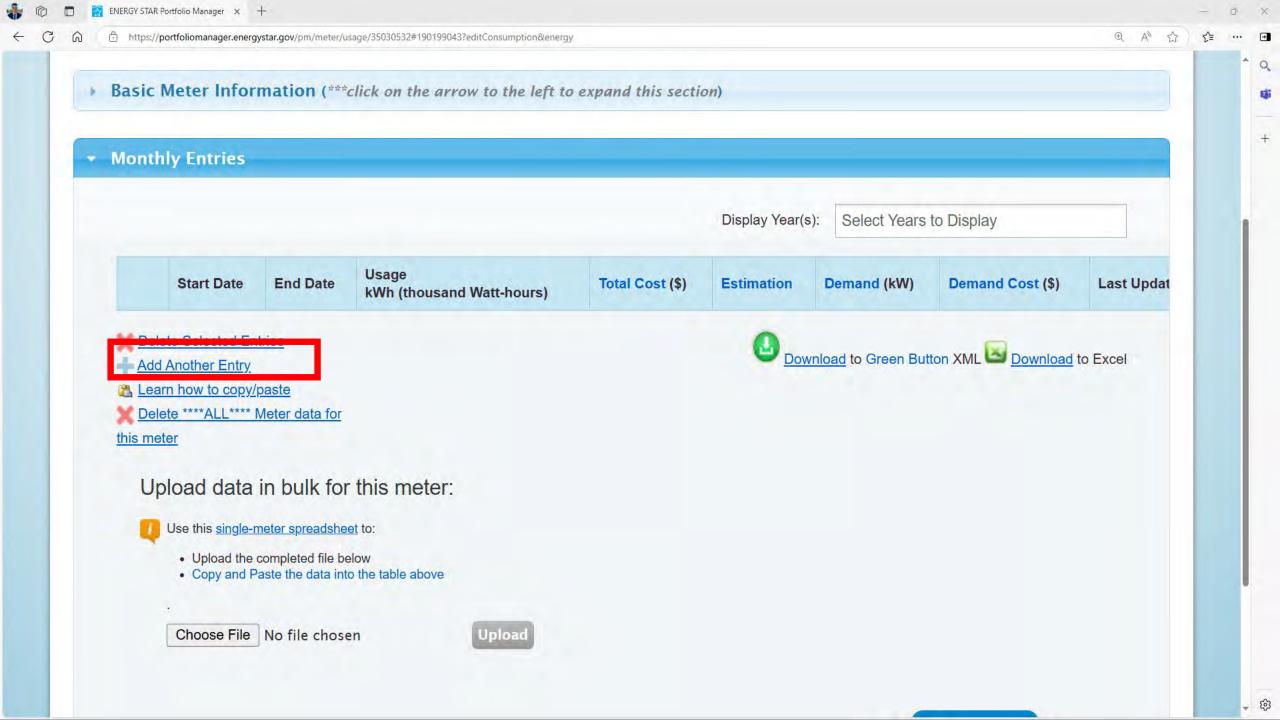


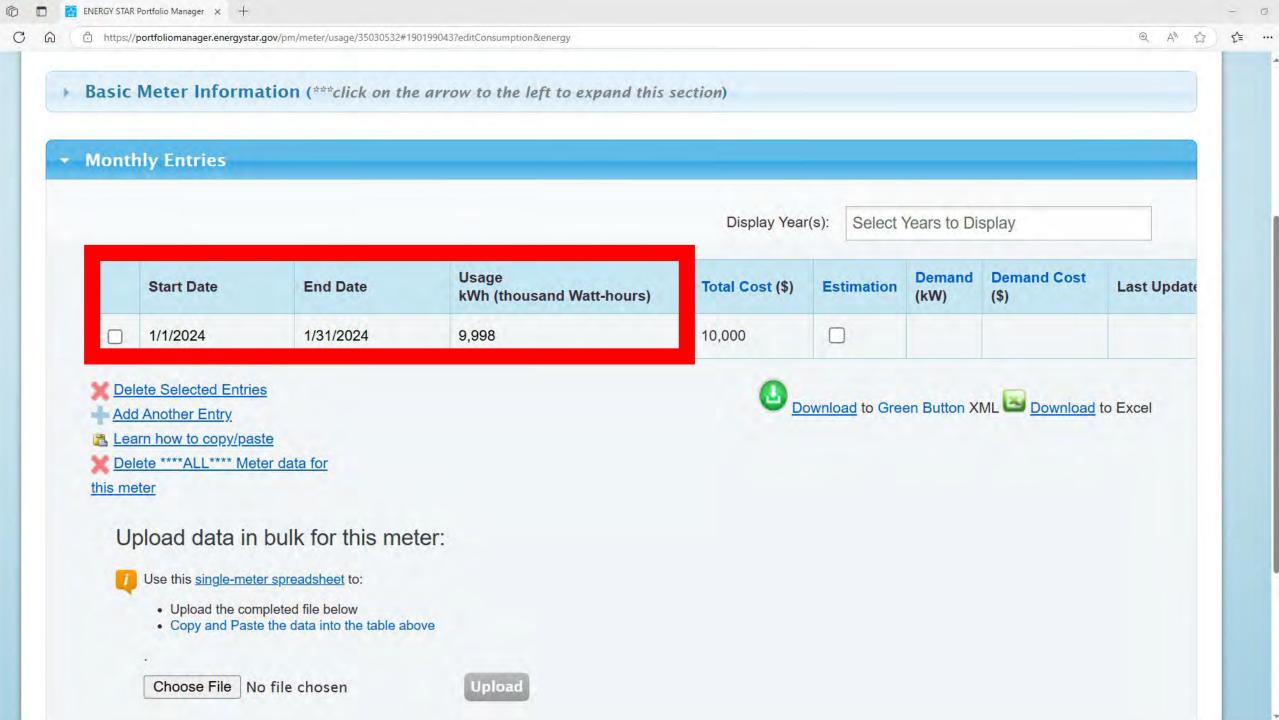


How to Enter Energy Use Data



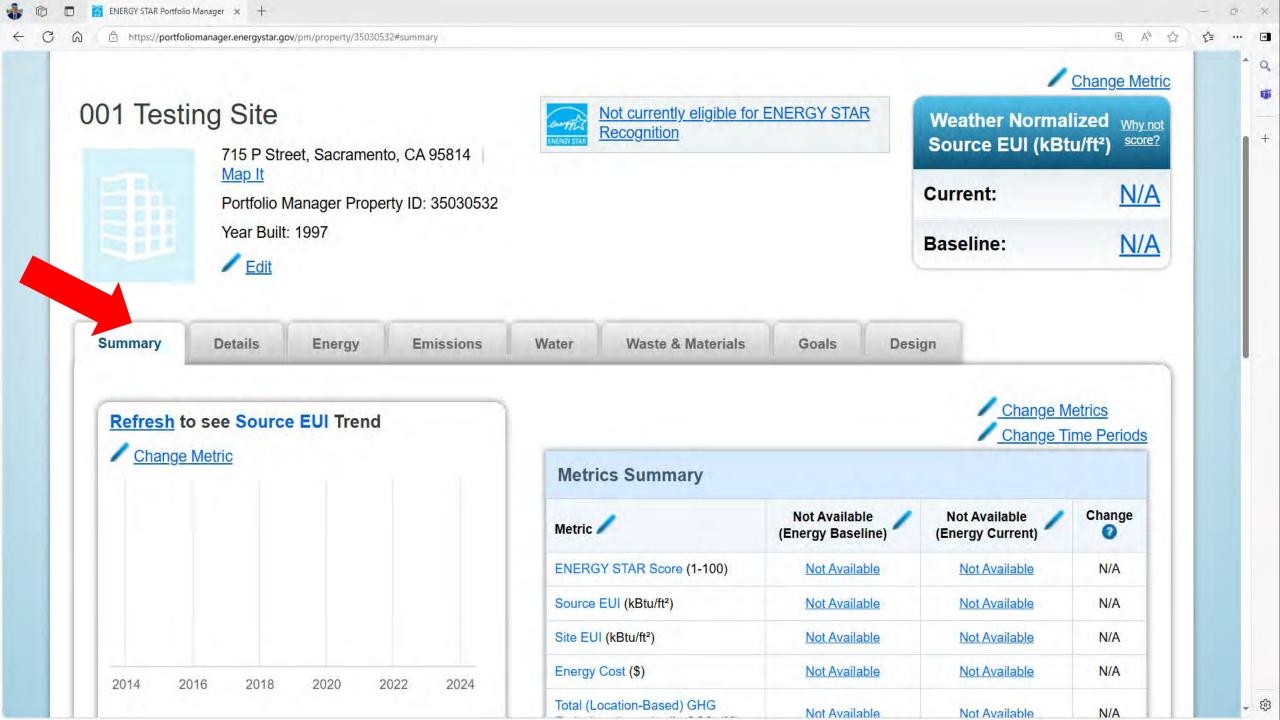


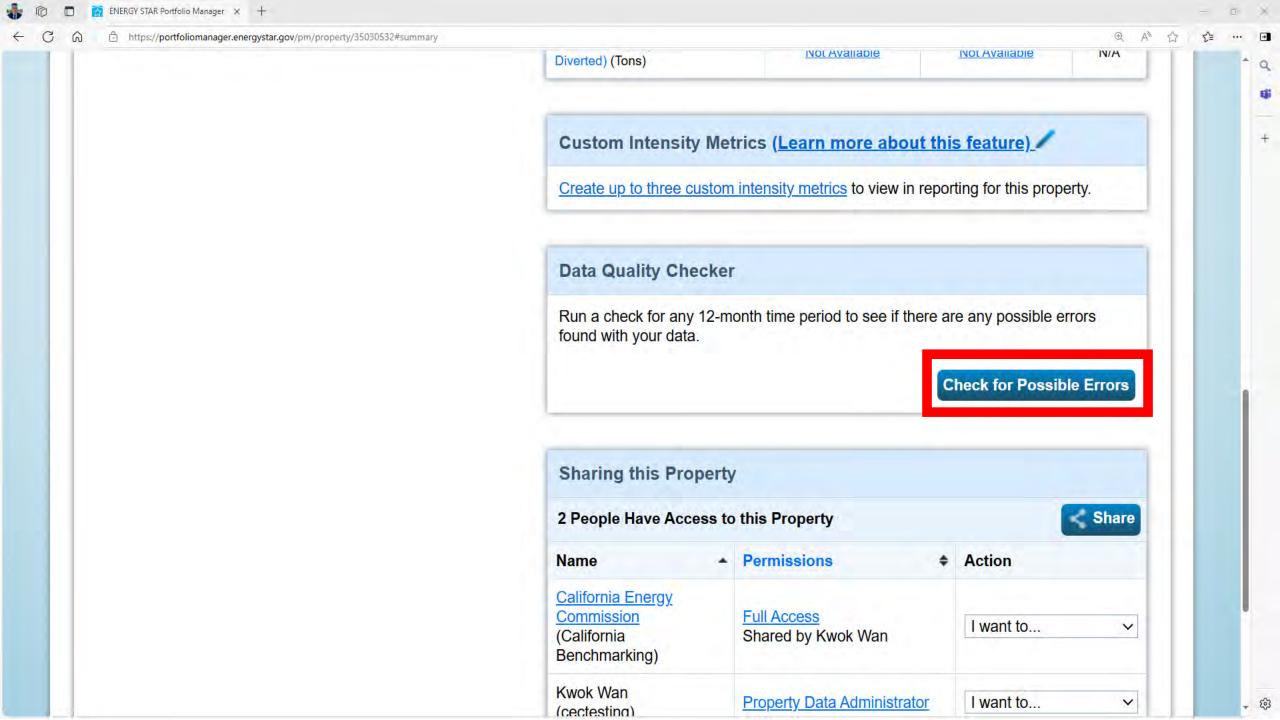


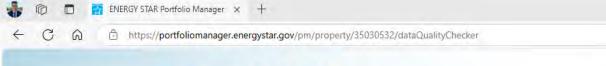




How to Run the Data Quality Checker

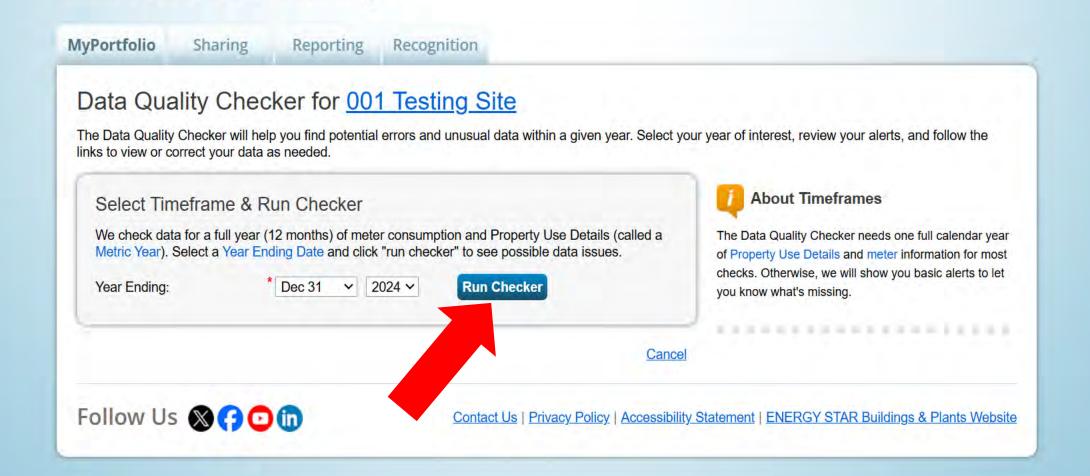




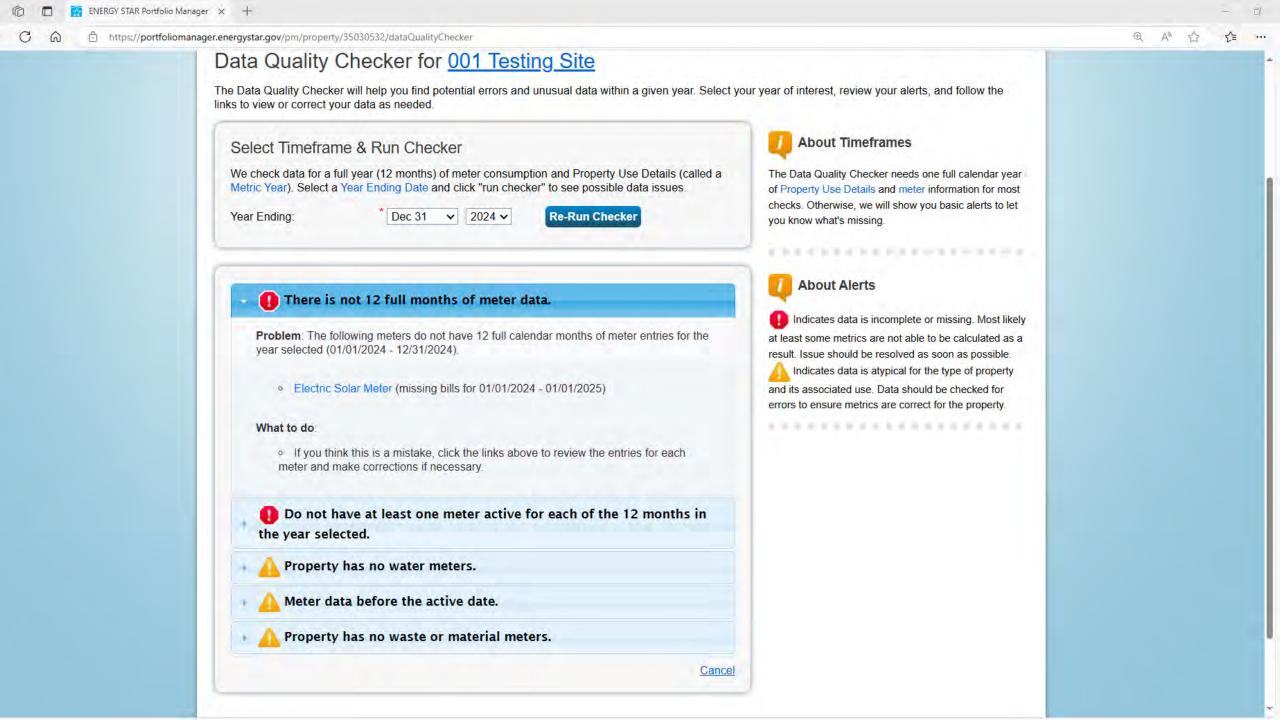


Portfolio Manager®



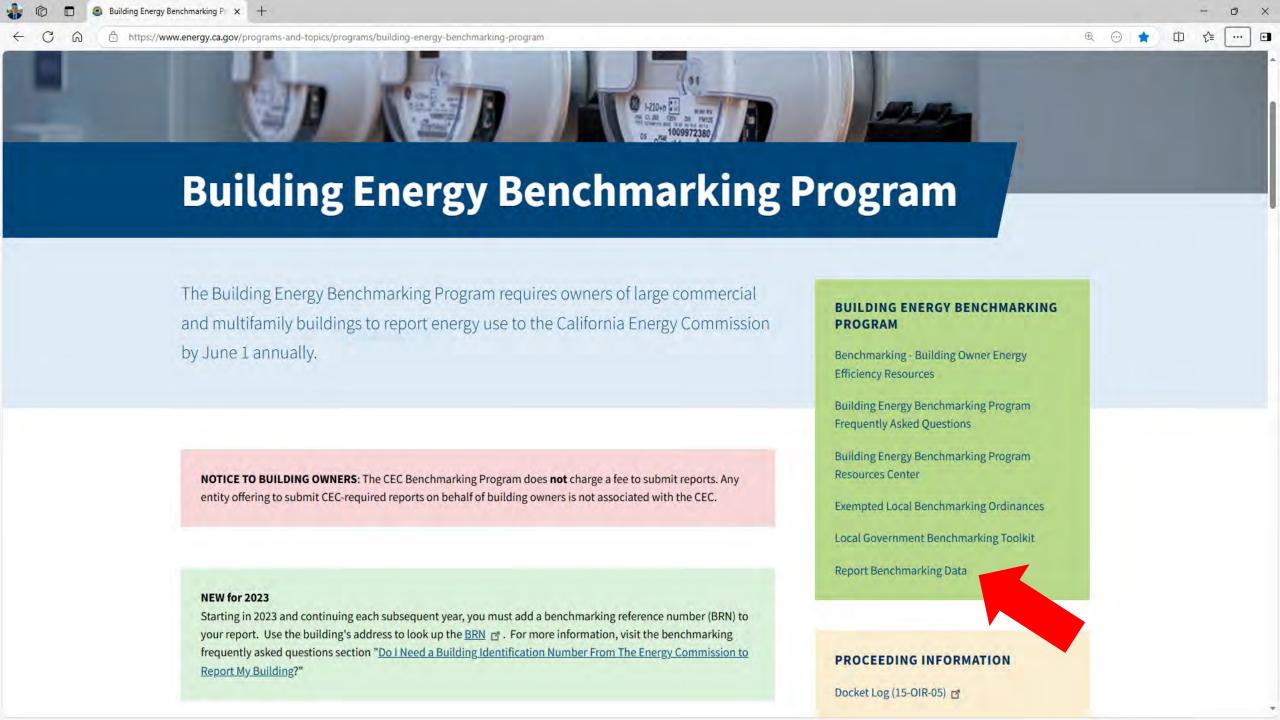


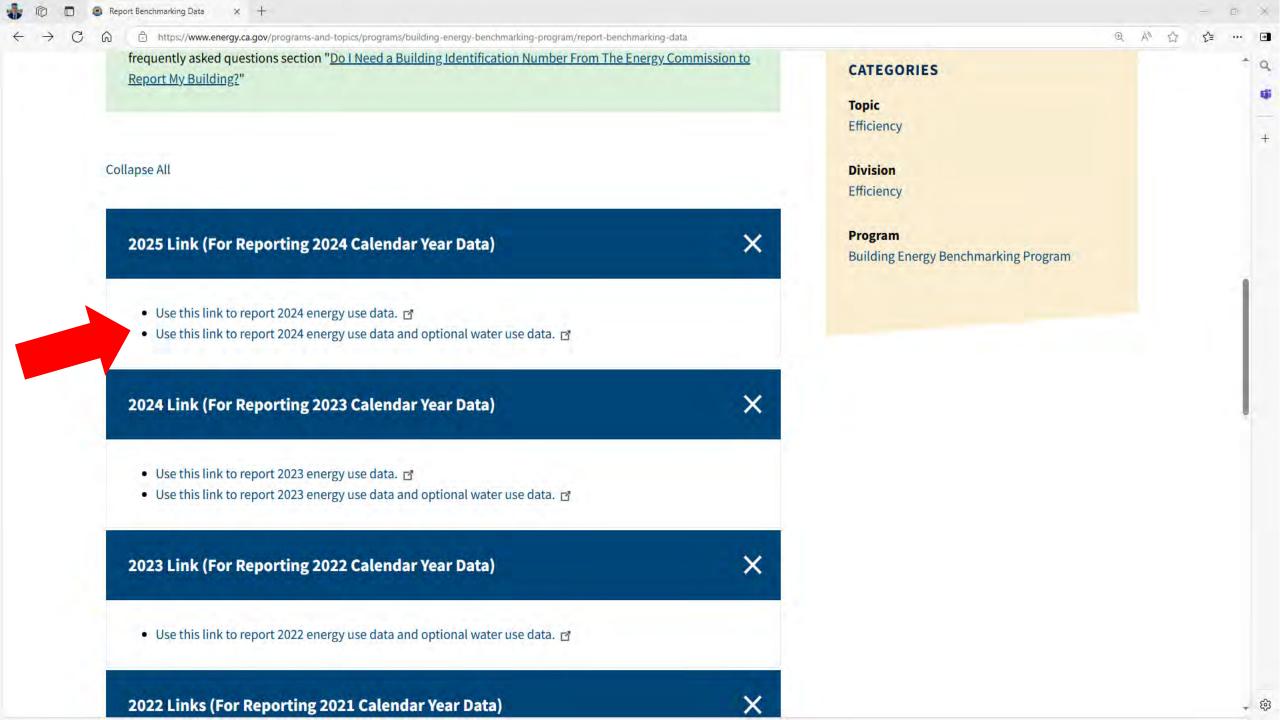
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How to Report Benchmarking Data









MyPortfolio

Sharing

Reporting

Recognition

Complete this form to respond to the "Data Request: 2025 California Energy Commission Benchmarking With Energy" for California Energy Commission. This response has also been added to your "Templates & Reports" list on the Reporting tab.

Respond to Data Request: Data Request: 2025 California Energy Commission Benchmarking With Energy

from California Energy Commission (California Energy Commission)

About this Data Request

Data Requested By: California Energy Commission

Instructions:

California's 2025 Benchmarking Reporting Template for Buildings with Energy Use Data

Note: Water usage data are optional to report. Please use California's Benchmarking Reporting Template for Buildings with Energy Use Data and Optional Water Use Data. Please go to https://www.energy.ca.gov/programs- and-topics/programs/building-energy-benchmarking-program/report-benchmarking-data and click "Use this link to report 2024 energy use data and optional water use data"

Buildings included: Buildings with more than 50,000 square feet of gross floor area and either no residential utility accounts or more than 16 residential utility accounts, except for the following:

- Buildings in which more than half of the gross floor area is used for scientific experiments requiring controlled environments, or for manufacturing or industrial purposes.
- Buildings that did not have a permanent or temporary permit of occupancy for more than half



Responding to Data Requests

You are viewing this screen because someone has asked you to provide data to them in the form of a data request. To respond, simply fill out the information on this screen and select what properties you wish to include (some decisions may have been made by the data requestor.)

Also see the How to Respond to Data Requests guide.



Overview: Set Up Building(s) in ESPM

- 1. Create an ESPM account.
- 2. Create a profile for each disclosable building into account.
- 3. Look up your building's Benchmarking Reference Number (BRN) at benchmarkingca.com and add to profile.
- 4. Request energy use data from utilities.
- 5. Enter energy use data for each building (Your utility may be able to do this automatically).







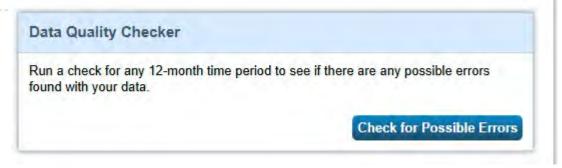




Overview: Preparing to Report to CEC

- 6. Run data quality checker.
- 7. Correct any errors. (Ignore Yellow Hazards for missing water/waste)
- 8. Click on the 2025 Reporting link (Data Request) on CEC benchmarking reporting page, redirecting to your ESPM account.
- 9. Respond to Data Request in ESPM (also located in Reporting tab in ESPM).





Property has no waste or material meters.





Tips for a Successful Report Submission

- Run the Data Quality Checker
 - Correct any critical errors in red
 - Re-run the checker after making corrections
- Ensure energy use data covers the full calendar year
 - (From January 1 to December 31)
- Verify the Building Reporting Number (BRN)



Exemption Categories and Annual Submission Process



Exemption Categories

- Your building is less than or equal to 50,000 sqft.
- Your building is a Condominium Project.
- Your building has between 1 and 16 residential utility accounts.
- Your building did not have a certificate of occupancy or temporary certificate of occupancy for more than half of the calendar year.
- Your building is scheduled to be demolished one year or less from the reporting date.
- Your building has 50% or more GFA dedicated to manufacturing, industrial, or controlled environment scientific experiments.
- Your building was benchmarked under a local program listed on the CEC's exempted local benchmarking ordinances.
- Other: Federal Buildings, Tribal Lands, Trade Secret (Requires Executive Director Approval)



Exemption Online Form

	California B	Building Energy Ben	chmarking Exemp	otion Request
California Code of Regul	ations, title 20, sections	1681-1684		4
				tion requests are only valid for the current reporting inption expires, submit a new exemption request.
		or which you are applying a applicants will be notified o		locumentation. Exemption requests will be reviewed
		Contact Ir	nformation	
First Name *			Last Name *	
Your Relationship	to the Building?*	Common Name of A	Affected Building *	
Building Owner	4			
Affected Building A	Address *			
Address Line 2				
Address Line 2				
Address Line 2		State *		Zip/Postal Code *
		State *		Zip/Postal Code *
City *			Email Address *	Zip/Postal Code *
City *			Email Address *	Zip/Postal Code *
City * Phone Number *	Benchmarking R		Email Address * Building Type *	

	Exemption Options
The building is not required to be ben	nchmarked for the following reasons (select all that apply):
☐ The building has less than 17 dwelling units	5.
☐ The building is a condominium (as describe	ed in Section 4125 or 6542 of the California Civil Code).
☐ The building has 50,000 square feet or less	of gross floor area (as defined in Section 1681(g)).
☐ More than half of the gross floor area is use	ed for scientific experiments requiring a controlled environment.
☐ More than half of the gross floor area is use	ed for manufacturing or industrial purposes.
☐ The building did not have a certificate of oc required for reporting to the CEC.	ccupancy or temporary certificate of occupancy for more than half of the calendar year, which is
☐ The building is scheduled to be demolished	d one year or less from the reporting date.
☐ The building was benchmarked pursuant to	o a local city or county benchmarking program listed on the CEC website.
☐ The building is outside the scope or jurisdic	ction of California's benchmarking program(explain).
Supporting Documentation:	
Choose File 1 Choose File No file chosen	
Choose File 1	
Choose File 1 Choose File No file chosen	
Choose File No file chosen Choose File 2	Submission
Choose File 1 Choose File No file chosen Choose File 2 Choose File No file chosen I attest that the exemption claim I have see	Submission elected above is true and accurate to the best of my knowledge and I have provided
Choose File No file chosen Choose File No file chosen Choose File No file chosen I attest that the exemption claim I have se supporting documentation. *	
Choose File 1 Choose File No file chosen Choose File 2 Choose File No file chosen I attest that the exemption claim I have see	
Choose File No file chosen Choose File No file chosen Choose File No file chosen I attest that the exemption claim I have se supporting documentation.*	



Exempted Local Benchmarking Ordinances

- Berkeley
- Brisbane
- Chula Vista
- Los Angeles
- San Francisco
- San Jose
- San Diego















Visit their websites for more information on how to comply:

https://www.energy.ca.gov/programs-and-topics/programs/building-energy-benchmarking-program/exempted-local-benchmarking

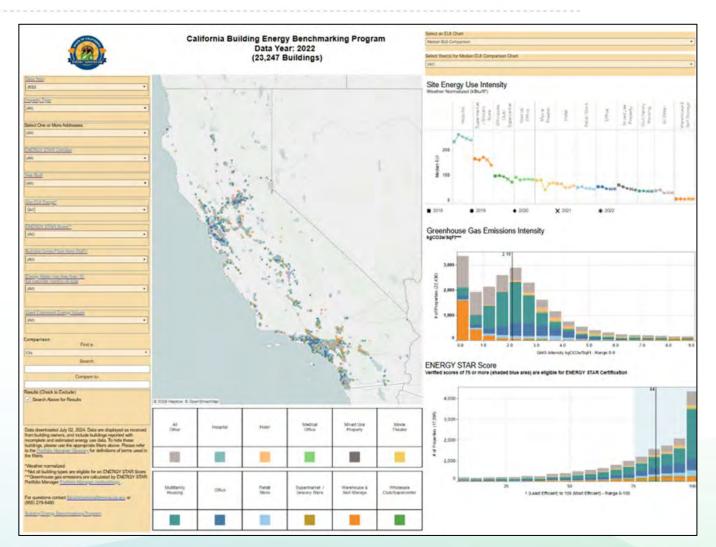


Public Disclosure Dashboard

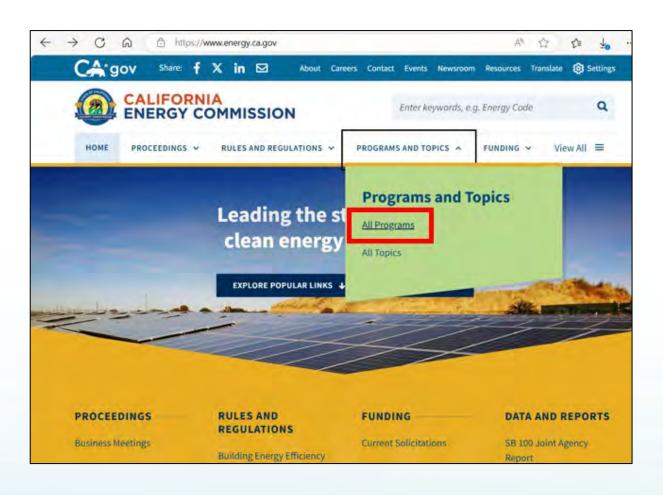


The Purpose

- To publicly disclose all collected energy use data.
- Inform and inspire large building owners to:
 - Efficiently use energy
 - Save money







Locate by navigating to

- www.energy.ca.gov
 - All Programs
 - Building Energy Benchmarking Program





Once on the web page "Building Energy Benchmarking Program"

Scroll to the bottom to find the links to:

- Public Disclosure Dashboard
- Demonstration Video
- Full list of disclosable buildings

PUBLIC DISCLOSURE DASHBOARD



View, search, and download energy performance information for commercial and multifamily buildings.

PUBLIC DISCLOSURE DASHBOARD)

DASHBOARD DEMONSTRATION VIDEO - YOUTUBE

- Download submitted 2023 benchmarking information
- Download submitted 2022 benchmarking information
- Download submitted 2021 benchmarking information
- Download submitted 2020 benchmarking information
- Download submitted 2019 benchmarking information
- Download submitted 2018 benchmarking information



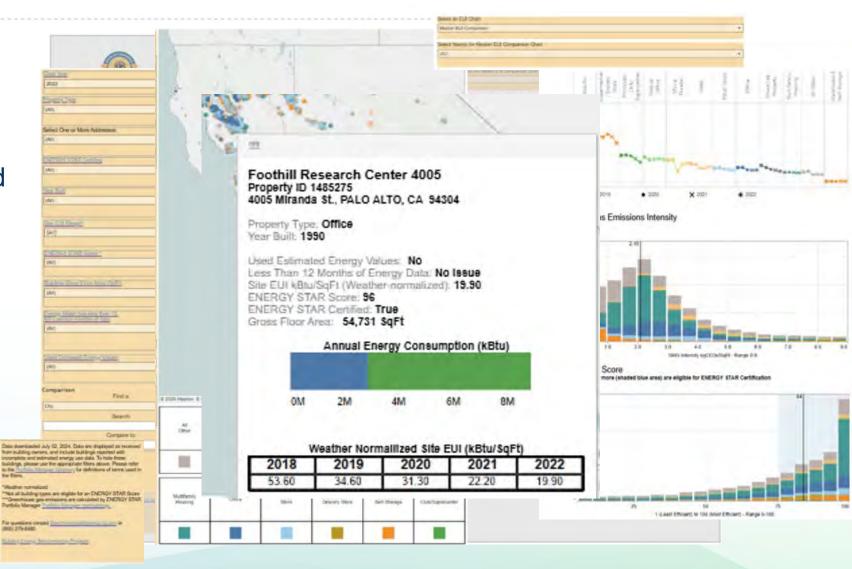
Interactive Dashboard

- Building Filters
- Map & Building Type Legend
- Data Visualizations
 - Visualization Filters

Hover Over

Building Details

Information links





Data Disclosure

Data information made public

- Building address, building count, latitude: longitude.
- Year built.
- Gross floor area & property floor area (buildings and parking).
- Property or building name.
- ENERGY STAR score for eligible buildings.
- Annual site or source energy use by energy type.
- Annual weather-normalized site or source energy use intensity (EUI).
- Total greenhouse gas emissions.



We Value Your Feedback!

Click on the link in the chat or scan the QR to complete a short survey and help inform future outreach!





Resources

- CEC Benchmarking Reference Number (BRN) Lookup Tool
- ESPM Utility Benchmarking Program Lookup Wizard
- How to use ESPM
- Exempted Local Benchmarking Ordinances
- Benchmarking Program FAQs
- Public Benchmarking Dashboard
- Building Energy Benchmarking Program Resources Center



Contact Information

Benchmarking Program Helpdesk

- Benchmarking@energy.ca.gov
- <u>(855)-279-6460</u> (Monday Friday 8:00am 5:00pm)



Live Questions & Answers



Questions & Answers

- 1. Use the raise hand feature in Zoom
 - Zoom phone controls:
 - *6 Toggle mute/unmute
 - *9 Raise hand
 - Introduce yourself by stating your name and affiliation (if any)

- 2. Type questions in the Q&A box in Zoom:
 - Please provide name and affiliation (if any)

Please note that CEC will provide written responses to questions and post them on the Benchmarking 101 Webinar event page



Thank You!