

Building Benchmarking Ordinance

Oak Park Board of Trustees
Regular Session
February 6, 2023

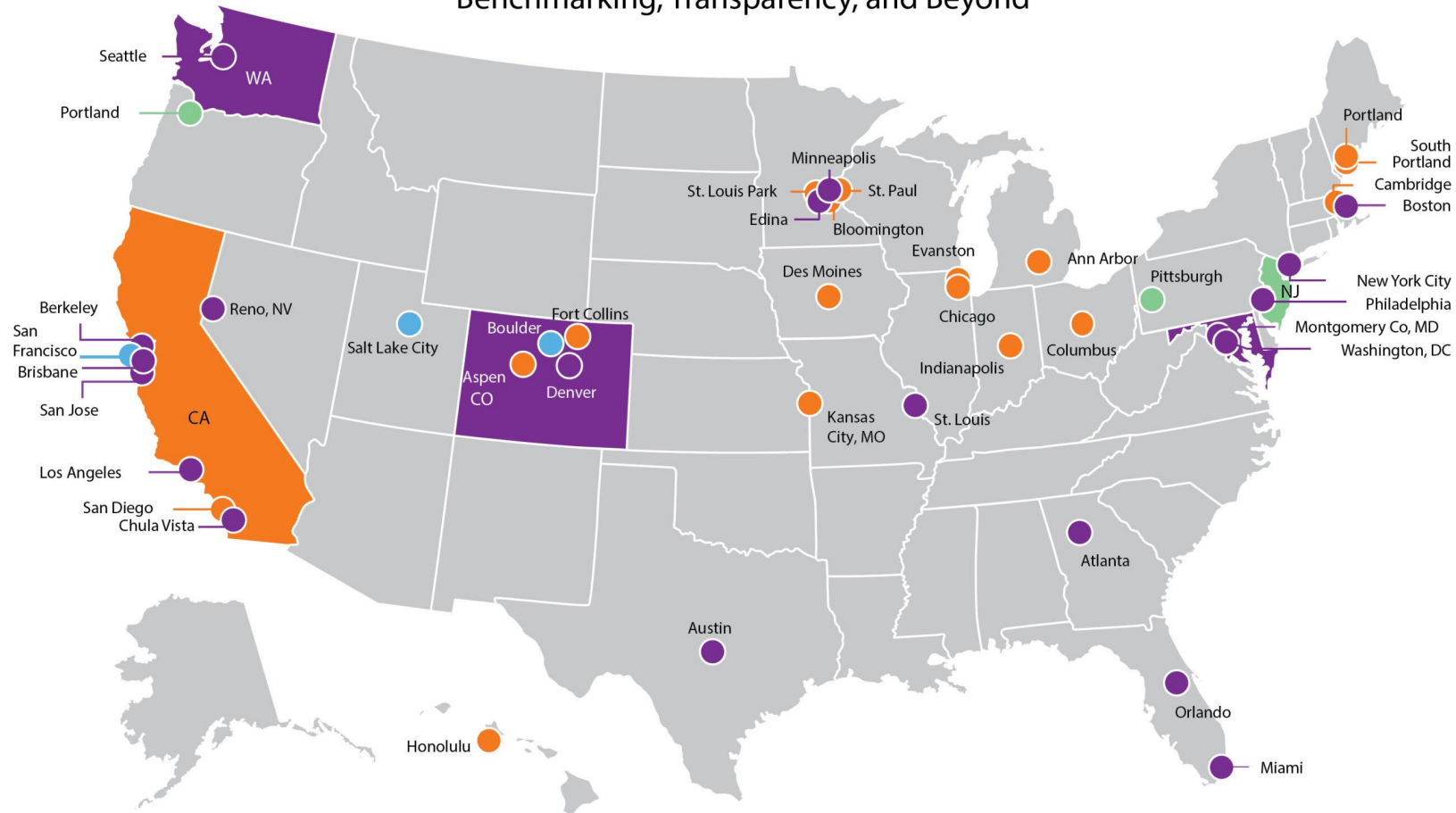


What is building benchmarking?

- Ongoing review of energy performance of existing buildings with the goal of informing and motivating performance improvement
- Data collection of commercial buildings
- Comparison of Energy Use Intensity (EUI) to other similar buildings

Local Benchmarking + BPS Ordinances

U.S. City, County, and State Policies for Existing Buildings:
Benchmarking, Transparency, and Beyond



- Benchmarking required for public and commercial buildings
- Benchmarking and additional actions required for public and commercial buildings
- Benchmarking required for public, commercial, and multifamily buildings
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Oak Park Benchmarking Ordinance

Ordinance Elements

- Whole-building energy & water use data (not tenants)
- Large buildings (10,000+ square feet)
- No performance requirements; tracking only
- Building data disclosure in 2024

Program Support

- "Data Jam" hands-on events to enter a building into the program
- U.S. EPA Energy Star Portfolio Manager software & technical support

Policy Development Process

Community Collaboration Process

- September 2022: Energy & Environment Commissioners
- October 2022: Building Code Advisory Commission
- December 2022: Business Association Council
- January 2023: Building owner engagement session
- Engagement website

Village Review Process

- Village Manager's Office; Development Customer Service; Law
- Board direction to bring forward ordinance at 1/23/23 Study Session

Discussion



Reference Material

Climate Ready Oak Park Action

Stretch code: A stretch code defines a higher level of energy efficiency or sustainability for new construction than the applicable code. Once a stretch code is adopted by a jurisdiction, it becomes the mandatory energy code for that jurisdiction. Stretch codes provide significant cost savings for residents and businesses.

Natural gas units: Any building system, appliance, or other equipment directly powered by natural gas. Common sources include heating and cooling equipment, stoves and ovens, laundry dryers, barbeque grills, fire pits, and fireplaces.

Electrification: Converting from natural gas units to electricity-powered units.

Benchmarking: The ongoing review of performance of a buildings with the goal of informing and motivating performance improvement. The first step in establishing a building performance standard.

Building performance standard: A BPS improves existing building stock by setting targets for efficiency upgrades.

