



Energize Denver

Benchmarking & Performance Requirements
Contractor Contract Amendment

Energize Denver Ordinance

Voted into law on
November 22, 2021

Electrification

- ALL Commercial and Multifamily Buildings
- Partial Electrification of Space and Water Heat upon System Replacement, when Cost Effective
- Implemented by CPD with assistance from CASR

Benchmarking

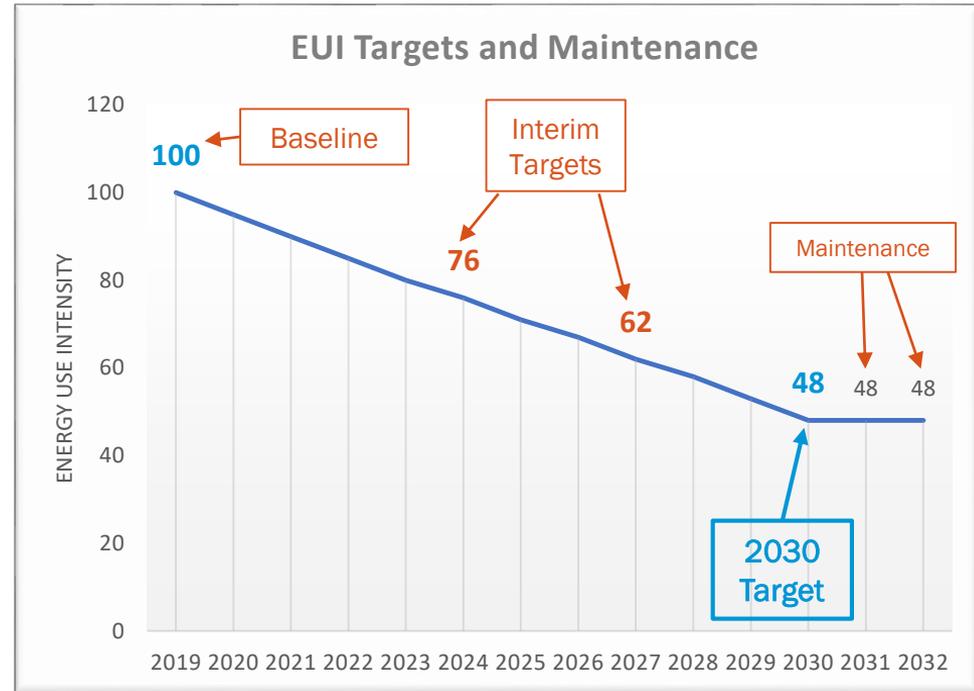
- 3,000 buildings
- Buildings 25K+ sq. ft. submit energy data annually

Performance

- 3,000 buildings 25,000 sq. ft. and larger - minimum levels of energy efficiency
- 6,000 buildings between 5,000-24,999 sq. ft.- Prescriptive lighting or solar requirements
- Implemented by CASR

2030 Performance Target Trajectory

- All buildings 25,000 sq. ft and larger
- Based on Energy Use Intensity (EUI) = energy use per square foot
- Target Setting:
 - Baseline = 2019
 - Interim targets for 2024 and 2027
 - Final 2030 target
- Maintenance: all covered buildings must maintain 2030 target indefinitely (24% of the buildings meet their 2030 targets now)
- Targets set for 70+ different property types

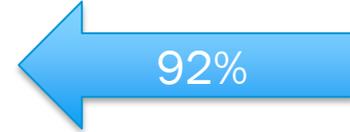


2024 Interim Target Timeline Adjustment

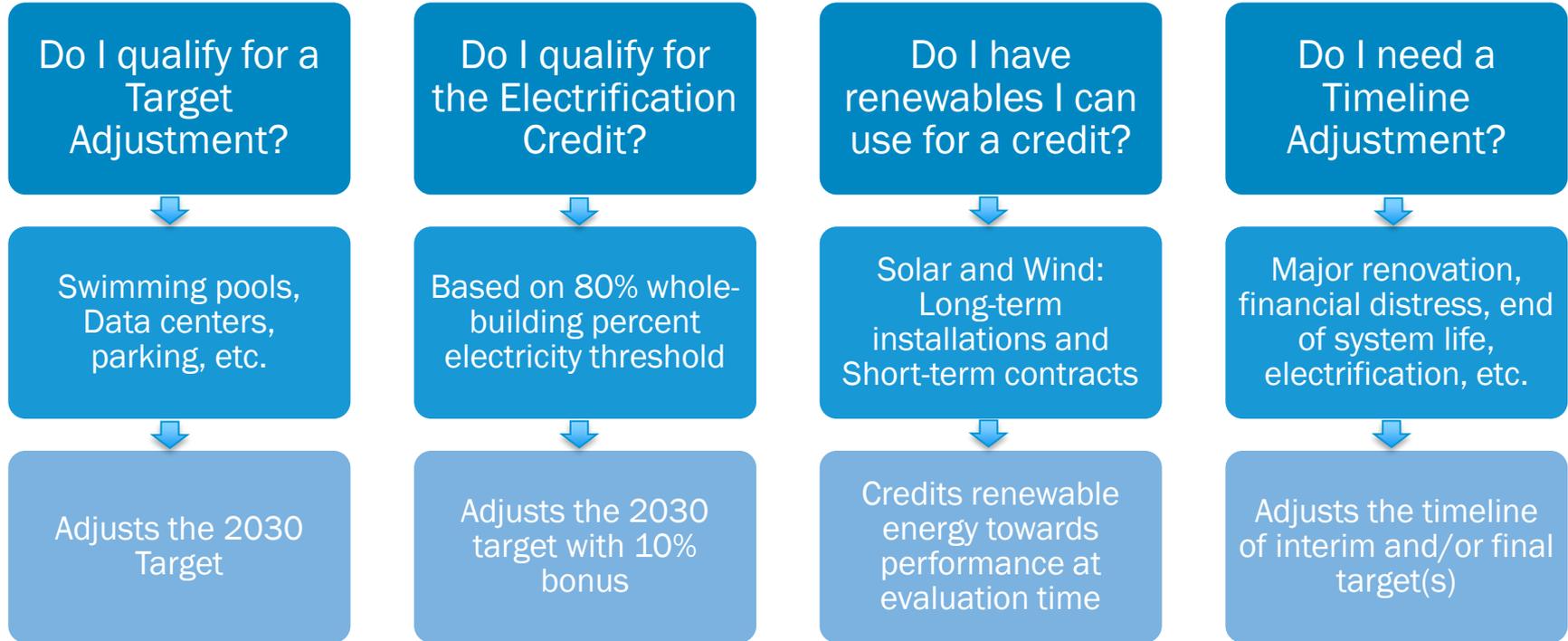
Check benchmarking compliance status by looking up the 2022 Reporting Year status at www.energizedenver.org.

CASR approved a one-year timeline adjustment to the 2024 target for **all buildings that have a complete 2021 calendar year Benchmarking Report** (2022 Reporting Year) on file with the city.

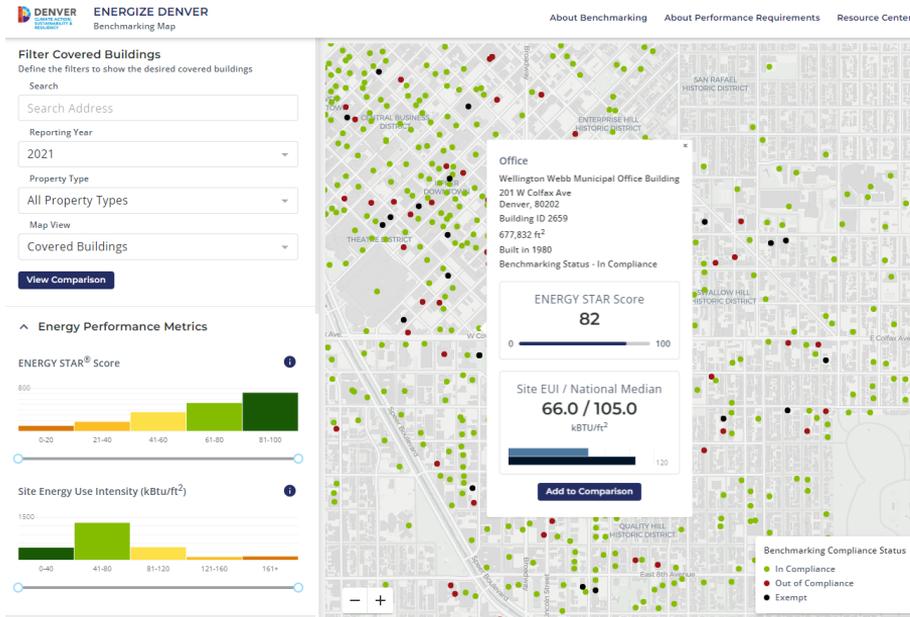
- For buildings that **are in compliance** with the 2021 calendar year benchmarking, the first interim target will be due in **2025**.
- For buildings that **are not in compliance** the 2021 calendar year benchmarking, the interim target will remain due in **2024**.



Flexibility in Compliance



Buildings 25K+ sq. ft. benchmarking since 2016



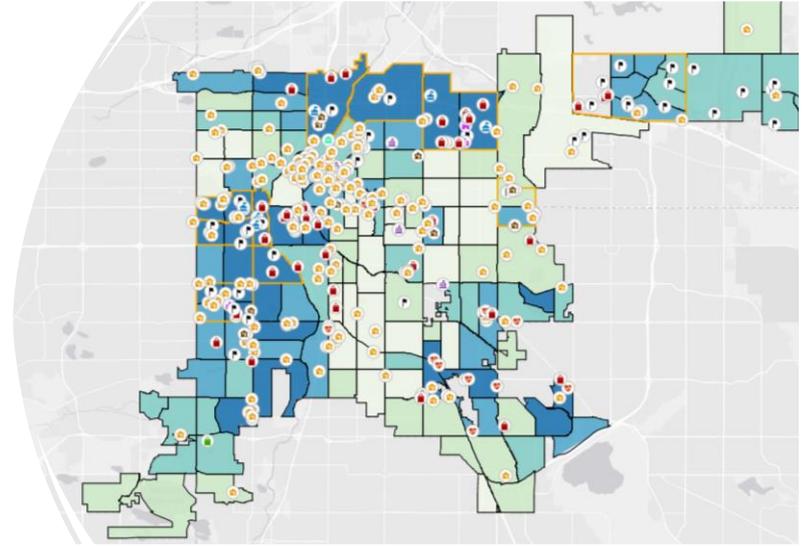
- Touchstone IQ (formerly Overlay) has been our contractor since the beginning
- Original “benchmarking-only” contract – 2017-2021
- Developed and managed Customer Relationship Management database for annual compliance tracking and online Energize Denver map
- Managed the help desk and compliance services for 3,000+ buildings

Performance Program Development Timeline

- May – Dec 2021 - RFP for Benchmarking **AND** Performance Requirements
- Nov 21, 2021 - Energize Denver Ordinance approved by City Council
- Jan 1, 2022 - Touchstone IQ contract begins (Year 1)
- Jan 13, 2022 - First rulemaking adopted
- Nov 2021 – July 2022 - CASR staffs the Energize Denver Team
- Mar 2022 – first compliance letters sent to buildings with EUI targets
- Apr – Aug 2022– feedback and stakeholder sessions – develop technical guidance
- Aug - Sept 2022 – public comment on updated rulemaking and technical guidance manual
- Nov 17, 2022 – public hearing to adopt updated rules and regulations

Identifying Under-Resourced Buildings

- Market rate located in **NEST** neighborhoods with a high prioritization ranking on the URB equity index
- Buildings with **affordable housing** units or otherwise serving **frontline communities**
- Buildings with **human service** providers as tenants/owners
- Buildings of **significance** to community members
- Buildings with a high prioritization ranking on the URB equity index with **affordable rents**



Social Equity Index: identifies and highlights environmental and socioeconomic indicators (utility burden, income stress, heat island, asthma rates, redlining, racial composition, etc.)

2022 – SOW (Year 1)

Started with 1-year contract so design of program could be completed

One-year contract - \$485,000

1. Benchmarking Services – administration of system, submission and data management, training and resources, compliance outreach, building scorecards
2. Performance Policy Design and Services – general building owner support services, program/system design and development for compliance management, update Energize Denver map to reflect performance compliance, material development and communications to building owners
3. Under-resourced building technical assistance – development of technical assistance program based on community feedback, complete design of building owner portal, begin outreach to identified buildings

2023 – SOW (Year 2)

All items in Year 2 covered in RFP

Adding \$1,116,950 for year 2 SOW for total of \$1,601,950

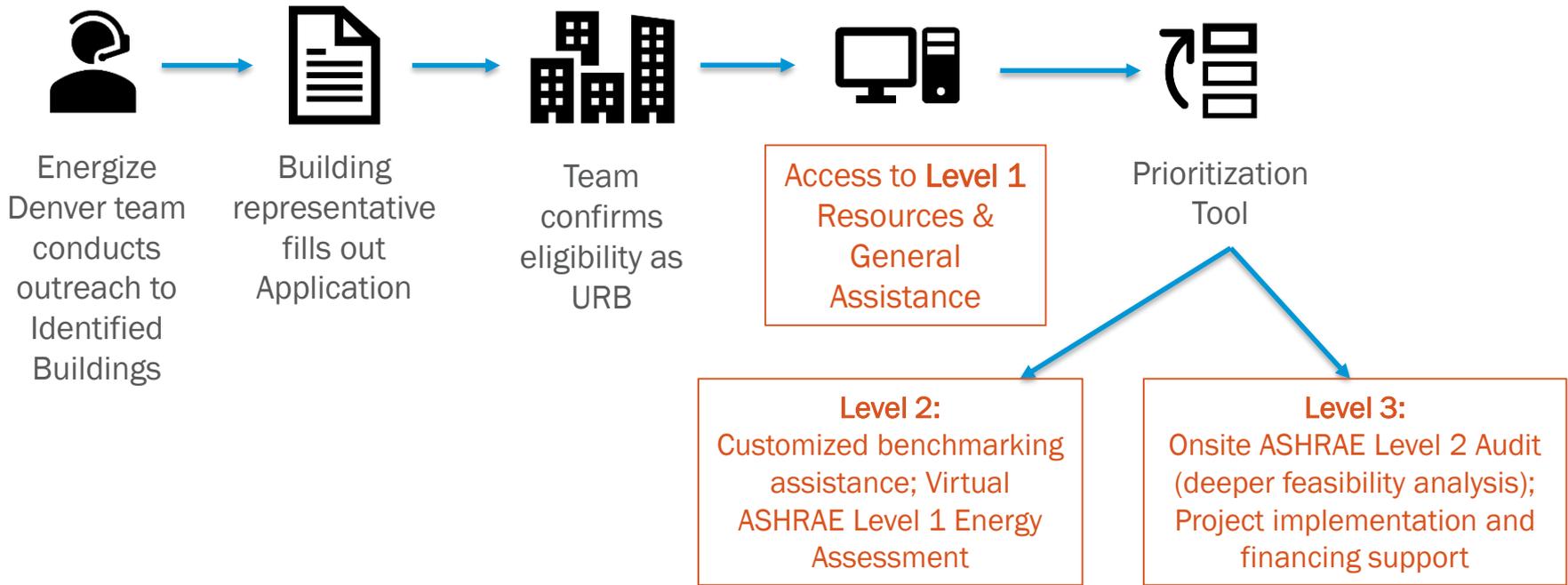
Task 1: Energize Denver Resource HUB

- Help Center Management - Benchmarking and Performance Requirements
- Material and content development (checklists, online solar credit/penalty calculators, etc.), website development and maintenance, operational workshops and on-demand training series
- Mid-level technical coaching for 1,000 bldgs. (5 hours max per bldg.)
- Under-Resourced Building Assistance (building owner portal, communications and advanced training, engineering support)

Task 2: Touchstone Support Systems (software SaaS, Energize Denver map, scorecards, enhancements for performance requirements)

Technical Assistance Process for Under-Resourced Buildings

60% of Year 2 dollars go to directly support under-resourced buildings



Questions?

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