

GreenPoint Rated Version 8.0

New Single Family and Multifamily Programs

GreenPoint Rated is the most trusted home rating system in California—with more than 63,000 certified units. The introduction of GreenPoint Rated Version 8.0 offers certification for buildings that go beyond code and provides innovative pathways for buildings to achieve California’s long-term net zero energy and low carbon homes goals. This version goes into effect Jan. 1, 2020.

Summary of Changes

GreenPoint Rated 8.0 clarifies existing code, incorporates upcoming code changes, and anticipates future code. Updates were made as a result of input from the public sector, building professionals, and selected stakeholder groups. Changes include the following:

- Deleting measures that have become code-required
- Addressing CALGreen mandatory measures
- Adding new measures for current best practices
- Improving and clarifying definitions of current measures

Proposed Program Changes

Energy

With the updates to the 2019 Energy Code, there will be two options for energy compliance under Version 8: Delta Energy Design Rating and the GPR Energy/Water calculator. The delta EDR will align with current draft cost effectiveness studies for low-rise residential buildings, and will have two thresholds: mixed-fuel and all-electric. The E/W calculator path will be available for high-rise residential buildings. Additionally, measure I5. Energy Storage System will be refined to include both battery storage and thermal storage and updated thresholds for performance and capacity.

Potential new measures include:

- Require CEA for Title 24 documentation
- Energy management (plugs, etc.)
- Smart technologies (thermostats, etc.)
- Grid enabled technologies
- Accentuate an all-electric pathway
- Operations and affordability for residents

Indoor Air Quality

IAQ measures will be updated to accommodate changes to ASHRAE 62.2 and materials thresholds.

Potential new measures include:

- Ventilation triggered by IAQ
- IAQ monitoring
- Carbon filters

Water

Version 8 will include updated landscape measures and will highlight graywater systems. The hot water controls and distribution measure are now included as a HERS measure.

Community

Version 8 will update the education and resiliency measures to define minimum education requirements/packages and strategies to address vulnerabilities due to climate changes (fire, floods, etc.), as well as adding a vulnerability assessment.

Potential new measures include:

- Transportation credits through reduced vehicle miles traveled (VMTs)
- Fire resilience measures like fire resistant construction and defensible space
- Community solar or clean energy purchasing
- Evaluation using Future Weather Files

Resource Conservation

Updated and potential new measures include OSB, global warming potential/ozone depleting potential of insulation and refrigerants and how to reduce their use, and low embodied carbon materials, like low carbon concrete.

Public comment period on both single and multifamily is now open. Please use [this link](#) to provide comments or contact Lauren Hotell at lhottell@builditgreen.org.