

## 2017 BayREN Codes & Standards (C&S) Program Tools and Services

**Compliance.** The following tools and services were designed to assist those who use the 2016 California Building Energy Efficiency Standards (hereafter referred to as Energy Code) to review permit applications and inspect and enforce building regulations:

- **On-site Residential and Non-Residential Energy Code Trainings**

*Description:* Class room style courses delivered on-site to accommodate busy schedules. Topics focus on Energy Code compliance and enforcement, energy efficiency and Zero Net Energy, as may be relevant to building department staff and other ICC Chapter members.

*Credits:* Most courses are ICC approved for continuing education units. A certificate of completion is provided at the conclusion of a training.

*To participate:* Please fill out the [Training Request Form](#) and send it to [codes@bayren.org](mailto:codes@bayren.org)

- **Online Energy Code Residential Trainings**

*Description:* Courses available on-demand. Topics include HERS Registry, residential new construction, and forms and permits for residential additions, as may be relevant to building department staff and other ICC Chapter members.

*Credits:* Joint courses are ICC approved for continuing education units. A certificate of completion is provided upon completing an online survey following the training.

*To participate:* Please register at <https://www.bayren.org/codes/trainings>

- **Over-the-counter Energy Code Residential and Nonresidential Permit Guides**

*Description:* Customizable forms designed to increase building departments' and building professionals' ability to understand and navigate code requirements in a streamlined manner. Topics include Res water heater alteration; Res fenestration alteration; Res re-roofing; Nonres re-roofing; Nonres unitary HVAC systems; Nonres indoor lighting alterations; and Nonres acceptance testing.

*To download resources:* Please visit <https://www.bayren.org/codes/bayren-permit-guides>

- **Online Energy Code Residential Water Heater Alteration ePermit Guide**

*Description:* An electronic version of the res water heater alteration permit guide designed to help the permit applicants and building department staff understand water heater replacement Energy Code requirements.

*To participate:* The project is currently being tested in Contra Costa County.

- **Energy Code Nonresidential Lighting Compliance Assistance Software, CodeCycle**

*Description:* Compliance assistance software designed to help building departments and design teams with the Energy Code commercial lighting compliance.

*To participate:* The project is currently being tested in jurisdictions within Solano County; options for other jurisdictions are being considered by the BayREN C&S Committee.

**Advocacy for Building Codes.** The following service is intended to provide building department stakeholders with updates on the 2019 Standards development and the opportunity to offer feedback on proposed changes:

- **2019 CASE Workshop for Title 24 Summaries:**

*Description:* Written summaries of the 2019 CASE Workshops intended to highlight key proposals and questions, under consideration for the 2019 Title 24 Part 6 update, as may be relevant to building department staff and other ICC Chapter members.

*To request summaries:* Contact the BayREN Codes & Standards team ([codes@bayren.org](mailto:codes@bayren.org))

**Local Government Ordinance of Policy Supports.** The following tools and services were designed to make regional implementation of the energy code more consistent and promote the adoption of local ordinances exceeding (more stringent than) the 2016 California Building Energy Efficiency Standards (hereafter referred to as “Reach Codes” or “Zero Net Energy [ZNE]”):

- **Quarterly Regional Forums**

*Description:* Half day events for elected officials, local sustainability and building department staff, and codes and standards advocates to network and learn about local adoption and implementation of energy code, green building and ZNE policies.

*To participate:* Please register at <https://www.bayren.org/codes/regional-forums>

- **ZNE Engineering Assistance for Municipal Buildings**

*Description:* ZNE engineering analysis available to local governments interested in necessary ground-work analysis to understand cost-effectiveness of ZNE in municipal building types and demonstrate ZNE ordinance feasibility in existing municipal buildings.

*To participate:* Please visit <https://www.bayren.org/codes/zne> and fill out the [ZNE Technical Assistance Intake \(TAI\) form](#)

- **ZNE Policy Resources and Tool Kit**

*Description:* Request for Proposal (RFP) and Owner’s Project Requirements (OPR) template language designed to assist local governments in Climate Zone 3 procure new ZNE-performing municipal and commercial buildings.

*To download resources:* Please visit <https://www.bayren.org/codes/zne>

- **Outcome Based Code Tool Kit and zEPI Calculator**

*Description:* The toolkit enables local jurisdictions to adopt outcome based energy reach codes for new construction, and use building energy benchmarking as a verification tool.

- **Residential Energy Assessment & Disclosure (READ) Working Group and Tool Kit**

*Description:* Bi-monthly meetings for local jurisdictions to discuss local adoption of residential energy assessment and disclosure policies. Model ordinance language and other resources are available for use.

*To participate:* Contact Lisa Pontecorvo ([lpontecorvo@stopwaste.org](mailto:lpontecorvo@stopwaste.org))

- **Home Energy Score (HES) Assessors and Incentives**

*Description:* Qualified HES Assessors are eligible to receive a \$150 incentive per assessment of single family homes in the nine county Bay Area region (some restrictions apply).

*To learn more:* Please visit <http://www.homescoreca.org/>