



**City of Grass Valley
Building Department**
125 East Main Street
Grass Valley, CA 95945
(530) 274-4340
www.cityofgrassvalley.com

**Nevada County
Building Department**
950 Maidu Avenue
Nevada City, CA 95959
(530) 265-1222
www.mynevadacounty.com

**City of South Lake Tahoe
Building Department**
1052 Tata Ln.
South Lake Tahoe, CA 96150
(530) 542-6010
www.cityofsltl.us

Placer County Building Department
3091 County Center Drive
Auburn, CA 95603
(530) 745-3010
Tahoe Office
775 North Lake Blvd
Tahoe City, Ca 96145
(530) 581-6200
www.placer.ca.gov

**Town of Truckee
Building & Safety**
10183 Truckee Airport Road
Truckee, CA 96161
(530) 582-7820
www.townoftruckee.com

**Sierra County
Building Department**
101 Courthouse Square
Downieville, CA 95936
(530) 289-3251
www.sierracounty.ca.gov

**Town of Mammoth Lakes
Building Department**
437 Old Mammoth Road, Suite 230
Mammoth Lakes, CA 93546
(760) 965-3630
www.townofmammothlakes.ca.gov

"Partnering to Improve Consistency & Customer Service"

2019 CA Energy Code Changes ***(Effective January 1, 2020)***

Approved Software Programs

- Residential: CBECC-Res 2019.1.0
 Energy Pro Version 8.0
- Commercial: CBECC-Com 2019.1.0

Residential Mandatory Measures

- 2x6 framed walls require R-20 insulation (150.0(c)2)
- Minimum heating/cooling system filter ratings increased to MERV 13 (150.0(m)12)
- Requirement for utility ready efficient water heater requirement has been revised to require the installation of a dedicated 120/240, 3 wire circuit with 10AWG wire to the receptacle outlet within 3ft of the water heater. The unused conductor shall be electrically isolated and have a reserved circuit breaker space (150.0(n))

Residential Prescriptive Measures

- Quality Insulation Installation (QII) is now a prescriptive requirement in all climate zones for new construction and additions over 700sqft. (150.1(c)1E)
- Installation of solar electric generation photovoltaic requirements unless one of the exceptions are met (shading being the primary exception in the foothills) (150.1(c)14)
- Roof insulation level increased to R-19 for Option B, below deck insulation between roof rafters (except Zones 10 and 16 (eastern Nevada County)) (150.1)
- Fenestration U-factor changed to .30 and SHGC to .23. (150.1)
- Opaque exterior doors to have a maximum U-factor of .20. When 25% or more of the door has glazing, the door shall meet window efficiency values (150.1)
- Additions less than 700sqft shall have a minimum roof insulation value of R-38 in Climate Zones in 1 & 11-16 and radiant barrier is mandatory for Climate Zones 2-10 (150.1(c))

Commercial Mandatory Measures

- Occupancy sensing controls required for restrooms (130.1(c)5)

Commercial Prescriptive Measures

- Directly conditioned space with operable wall or roof openings to the outdoors shall be provided with interlocking controls for temperate setback. Exceptions for doors with automatic closers and/or spaces without thermostatic control (140.4(n))
- Lighting power allowances have been reduced approximately 29%-37% overall encouraging more exterior lighting usage. (140)