

RESIDENTIAL 1 OR 2 FAMILY OPT-IN BASICS

HOMES UNDER 4,000 SQUARE FEET OF CONDITIONED SPACE

There are 3 potential compliance paths:

1. ZERO ENERGY, means there must be enough On-Site Power Production (OPP) to offset the projected energy usage of the building. You can do all electric or mixed fuel BUT, we do 2 HERS ratings for both. If it's all electric, it's a HERS rating of 45 on just the building, and a HERS rating of 0 when you include the OPP. If it's Mixed-Fuel then HERS 42/0. Solar and EV ready provisions shall apply. Passive House Certification is also an option.
2. ALL ELECTRIC must have a HERS rating of 45 and have NO gas appliances or fireplaces, OR, have a Passive House rating and certification (*Passive House is not yet common here*). Solar and EV ready provisions shall apply. (Gas can be on-site, available for exterior generators, pool heaters, etc.)
3. MIXED FUEL: Must have a HERS rating of 42, must pre-wire for electric at any gas appliance installed. Must provide at least 4KW of Solar (with some exceptions).

(We expect option 3 to be the most common.)

There is no change to the alterations/additions process.

Pre-wiring for appliances has specific volt/amp requirements.

Capped roof penetration is only for flat roofs.

8/27/2024

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HOMES 4,000 SQUARE FEET AND OVER **OF CONDITIONED SPACE**

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If it's Mixed-fuel then HERS 42/0.

Solar and EV ready provisions shall apply.

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(We expect option 2 to be the most common.)

There is no change to the alterations/additions process.

Pre-wiring for appliances has specific volt/amp requirements.

Capped roof penetration is only for flat roofs.

8/27/2024