

24-GP1-208 Alternative Language

<< Add Section C401.5 with Alternative approaches>>

C401.5. Application to buildings subject to BPS. Buildings subject to *BPS* requirements shall comply with Sections C104.6.2.2, C104.6.2.3, C408.8, and C413.2 and shall develop a *predictive model* in accordance with Section C413.3. The *BPS predicted performance* of new buildings, additions to existing buildings, and/or alterations to existing buildings, shall be less than or equal to the *BPS* performance target as required by the *BPS* at the time of building permit application. The following options may be pursued as an alternative approach to the development of a *predictive model*:

1. Comply with ASHRAE Standard 209 Section 4.2.1. and demonstrate that the *predicted performance* of a new building, addition to an existing building, and/or alteration to an existing building, shall be less than or equal to the *BPS* performance target as required by the *BPS* at the time of building permit application. The simulation program shall comply with C413.3.2.1 and the energy modeler shall comply with C413.3.2.2. The projected *predicted performance* shall comply with Section C413.3.3.
2. Demonstrate that the *predicted performance* of a new building, addition to an existing building, and/or alteration to an existing building, shall be less than or equal to the *BPS* performance target as required by the *BPS* at the time of building permit application, using a minimum of 24 months of measured energy performance of at least two existing buildings under the direct control of the building owner that are similar in size, construction and operation as the proposed design. When approved by the code official, engineering calculations shall be permitted to adjust the measured energy performance of the existing building to account for the differences between it and the new building, addition to an existing building, and/or alteration to an existing building.