



STATE OF WASHINGTON

**STATE BUILDING CODE COUNCIL**

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November 2012 Motions for Rule Making Actions

Main Motion: Adopt 2012 Energy Code as proposed in WAC 51-11R and 51-11C; repeal WAC 51-11

Amendment to the main motion:

Modify amendment to Table R405.5.2(1) for standard reference design criteria:

**TABLE R405.5.2(1)**  
**SPECIFICATIONS FOR THE STANDARD REFERENCE AND PROPOSED DESIGNS**

BUILDING COMPONENT	STANDARD REFERENCE DESIGN	PROPOSED DESIGN
Heating systems <sup>f, g</sup>	<p><del>For all system types other than electric heating without a heat pump, the same system type as with the prevailing federal minimum efficiency.</del></p> <p>Where the proposed design utilizes electric heating without a heat pump the standard reference design shall be an air source heat pump meeting the requirements of Section R403 of the IECC—Commercial Provisions.</p> <p><u>For all other systems, the same system type as proposed, and the same system efficiency required by prevailing minimum federal standard.</u></p> <p>Capacity: Sized in accordance with Section R403.6</p>	As proposed
Cooling systems <sup>f, h</sup>	<p><del>Same system type as</del> <u>As proposed. Same system efficiency as required by prevailing minimum federal standard.</u></p> <p>Capacity: Sized in accordance with Section R403.6.</p>	As proposed
Service water heating <sup>f, g, h, i</sup>	<p><del>As Same system type as</del> <u>proposed. Same system efficiency as required by prevailing minimum federal standard.</u></p> <p>Use: Same as proposed design</p>	As proposed gal/day := 30 .+ (10 × N <sub>br</sub> )

(Items not shown remain as proposed)

Rationale: Clarifies that the standard design must use federal efficiency standards for mechanical equipment.