

**Table A: 2030 Challenge Interim Code Equivalents**

CODE / STANDARD	COMMERCIAL	RESIDENTIAL
ASHRAE 90.1-2004	30% below	
ASHRAE 90.1-2007	25% below	
ASHRAE 189 (in progress)	0	
IECC 2006	30% below	30% below
California Title 24 2005		15% - 20% below <sup>13</sup>
California Title 24 2008	10% below <sup>14</sup>	
Oregon Energy Code <sup>15</sup>	25% below	30% below
Washington Energy Code	25% below	25% - 30% below <sup>16</sup>
RESNET HERS Index		65 or less
LEED NC 2.2 / Homes	New - EA Credit #1: 6 pts Renovation - EA Credit #1: 8pts	HERS Index: 65
LEED 2009 (in progress)	New - EA Credit #1: 7 pts Renovation - EA Credit #1: 9pts	
GBI Standard (in progress) <sup>17</sup>	PATH A, 8.1.1.1: 150pts	
EECC Option <sup>18</sup> (prescriptive path)		EC - 154
NBI Option <sup>19</sup> (prescriptive path)	New - Core Performance w/ enhanced measures	

NOTE: Table A above represents a set of guidelines. Each entity should assess its particular code and building energy consumption patterns and adjust the code equivalents provided in the table as appropriate. For example, those entities with aggressive GHG and energy reduction initiatives may want to increase the recommended percentage reductions. Entities with detailed information on code performance compared to their building stock are encouraged to adjust the percentage reductions to meet the 2030 Challenge targets.

<sup>13</sup> The City of Santa Barbara established meeting the 2030 Challenge target for single-family residential units at 20% below Title 24 and, for high-rise residential, at 15% below Title 24.

<sup>14</sup> Based on preliminary code analysis for the California Energy Commission by Charles Eley of Architectural Energy Corporation.

<sup>15</sup> Oregon Department of Energy, "Comparison of Oregon Energy Code 2005 & ASHRAE Standard 90.1-2004".

<sup>16</sup> For residential buildings east of the Cascade Mountains, use 25% below. For residential buildings west of the Cascades, use 30% below.

<sup>17</sup> Green Building Initiative, Proposed American National Standard 01-2008P.

<sup>18</sup> Alliance to Save Energy, Energy Efficient Codes Coalition (EECC), "The 30% Solution"/EC-154. This option provides a method for modifying the prescriptive path of the code to meet or exceed the 2030 Challenge 50% reduction target.

<sup>19</sup> New Buildings Institute, Advanced Buildings Core Performance Guide with enhanced measures. This option provides a method for modifying the prescriptive path of the code to meet or exceed the 2030 Challenge 50% reduction target.