

RCII-5 “Beyond Code” Building Design Incentives and Mandatory Programs

Information and links to other state programs (as requested by the TWG during the January 26 call)

Note this only a small sample of activities in the building design/green building arena.

Existing programs currently available in Montana:

The Northwest EnergyStar Program is a regional voluntary program operated in Montana, Idaho, Washington and Oregon through the Northwest Energy Efficiency Alliance, designed to encourage building beyond the existing codes.

<http://www.northwestenergystar.com/index.php?cID=125>

Linked to EPA and DOE’s national EnergyStar homes program

<http://www.northwestenergystar.com/index.php?cID=125>

Montana also has a 25 percent income tax credit available to individuals who build beyond the current energy code.

http://www.mt.gov/revenue/formsandresources/06forms/2006_Form_ENRG_C_Fill_in.pdf

DSIRE database on Energy Standards for Public Buildings

<http://www.dsireusa.org/library/includes/type.cfm?Type=Public&Back=RegEETab&CurrentPageID=7&Search=TableType&EE=1&RE=1>

Links available here to programs in about 2 dozen states.

U.S. Green Building Council, State and Local Government Tool Kit, 2002

http://www.usgbc.org/Docs/Member_Resource_Docs/toolkit_statelocal.pdf

Clean Energy-Environment Guide to Action: Policies, Best Practices, and Action Steps for States, <http://www.epa.gov/cleanrgy/stateandlocal/guidetoaction.htm>

See Section 3.1 (Lead by Example)

California Green Building Initiative <http://www.energy.ca.gov/greenbuilding/index.html>

Governor Arnold Schwarzenegger signed [Executive Order S-20-04](#) regarding Green Buildings on December 14, 2004. It established the State of California's priority for energy and resource-efficient high performance buildings.

The Executive Order sets a goal of reducing energy use in state-owned buildings by 20 percent by 2015 (from a 2003 baseline) and encourages the private commercial sector to set the same goal. The order also directs compliance to the [Green Building Action Plan](#) (PDF file 166 kb), which details the measures the state will take to meet these goals. More details about the project can be found on the documents page.

The Executive Order and Green Building Action Plan assigns the California Energy Commission to:

- Develop and propose by July 2005, a simple building efficiency benchmarking system for all commercial buildings in the state.
- Develop commissioning and retro-commissioning guidelines for commercial buildings
- Further develop and refine (Title 24) building standards applicable to commercial building sector to result in 20 percent savings by 2015 using standards adopted in 2003 as the baseline
- Consult and collaborate with Department of General Services, Department of Finance and the California Public Utility Commission on a variety of other tasks

New York State Green Building Initiative (tax incentive based)

<http://www.dec.state.ny.us/website/ppu/grnbldg/index.html>

2030 Challenge recently adopted by the American Institute of Architects (AIA) and US Conference of Mayors

http://www.aia.org/static/state_local_resources/adv_sustainability/US%20Conference%20of%20mayors/USCM_Resolution_50.pdf

That all new buildings, developments and major renovations be designed to meet a fossil fuel, greenhouse gas (GHG) emitting, energy consumption performance standard of 50% of the regional (or country) average for that building type.

That at a minimum, an equal amount of existing building area be renovated annually to use 50% of the amount of fossil fuel GHG emitting energy they are currently consuming (50% of the regional average through innovative design strategies, the application of renewable technologies and/or the purchase (20% maximum) of renewable energy).

That the fossil fuel reduction standard for all new buildings be increased to:

- 60% in 2010, 70% in 2015, 80% in 2020, 90% in 2025
- Carbon-neutral by 2030 (using no fossil fuel GHG emitting energy to operate).

<http://architecture2030.com/>