

# **ENERGY CODES ARE LIFE-SAFETY CODES**

**The Building Science Proves It!**

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**Health**

**Life**

**Safety**



A photograph of two young girls standing on a gravel path, looking at a large, dilapidated wooden building. The building's exterior is made of horizontal wooden planks, many of which are missing or broken, revealing the interior structure. A window with a white frame is visible on the left. The building sits on a foundation of rough-hewn stones. A wooden ladder leans against the base of the building on the left. The girls are in the foreground, seen from behind. The girl on the left wears a white sweater and a red skirt. The girl on the right wears a colorful striped sweater and a white skirt with a red hem. The text "YOUR OWN COMMUNITY" is overlaid in white, bold, sans-serif capital letters across the middle of the image.

**YOUR OWN COMMUNITY**



# **MOISTURE MANAGEMENT**

**(ROT, MOLD, MILDEW)**



**PHOTO: ERICH FERDINAND VIA FLICKR**



# **ENERGY CODE PROVISIONS CONTROLLING MOISTURE:**

- **AIR BARRIERS**
- **SLAB-ON-GRADE INSULATION**
- **RIM JOISTS**
- **WINDOW CONDENSATION**
- **ICE DAMMING**





# **AIR FLOW**

**(AIR LEAKS, POLLUTANTS,  
CONTAMINANTS)**

**BUILD TIGHT  
VENTILATE RIGHT**



# **FIRE PROTECTION**

**PHOTO: TREVOR HURLBUT VIA FLICKR**





# **EXTREME TEMPERATURES AND STORMS**


PHOTO: NASA

Table HC11.1 Household Energy Insecurity, 2015<sup>1</sup>

Released: October 2017

	Number of housing units (million)						
	Households reporting...						
	Total U.S. <sup>2</sup>	Any household energy insecurity <sup>3</sup>	Reducing or forgoing food or medicine to pay energy costs	Leaving home at unhealthy temperature	Receiving disconnect or delivery stop notice	Unable to use heating equipment <sup>4</sup>	Unable to use cooling equipment <sup>5</sup>
Mountain	8.5	2.1	1.5	0.7	0.9	0.2	0.4





**The energy code is not a “green code” or an aspirational standard—it is the bare minimum that building officials deem acceptable and that consumers expect they are getting.**

PHOTO: JFXle VIA FLICKR