

# PENNSYLVANIA

## ENERGY CODE COMPLIANCE 101

Prepared by the Pennsylvania  
Energy Code Collaborative



### CONSUMER PROTECTION

#### COMPLIANCE WITH THE ENERGY CODE:

- Minimizes health risks and improve the comfort and productivity of tenants
- Prevents inflated energy bills and ensure cost-effective improvements are installed
- Creates jobs in the local economy and drive technology and design innovation
- Improves community resiliency and durability against storms and disasters
- Reduces unnecessary pollution while increasing grid reliability and energy security



### COST OF NON COMPLIANCE

A 2015 study analyzing over 170 new Pennsylvania homes found that new homes waste over \$1.2 million in energy each year due to noncompliance with the energy code. That's \$25 million by 2020 before accounting for additional losses in renovations and retrofits!

No compliance data is available for Pennsylvania's commercial buildings, but estimating a compliance rate of 70% (typical of other states) projects to about \$82 million by 2040 in energy costs that could be avoided just by meeting current energy code requirements!



### WHAT CAN I DO?

- Building Professionals can use free tools and training materials (see Resources below).
- Design Professionals can receive support and help others through ASHRAE, AIA, etc.
- Cities and Towns can support local building departments, over 90% of which enforce the code themselves (the rest have no formal enforcement of the residential energy code).
- Legislators can fund a commercial energy code assessment to pinpoint compliance gaps.