

# Residential Energy Code TAG

## Meeting Notes

**Date:** Tuesday, January 2, 2024

**Meeting Location:** Hybrid – Minnesota Room/WebEx

### Call to order:

Steve Shold

### Attendance:

TAG Members present: Steve Shold (DLI), Don Sivigny (DLI), Chris Rosival (DLI), John Smith (practical engineering applications), Rebecca Olson (MN Center for Energy & Environment), Eric Fowler (Fresh Energy), Eric Boyd (Housing First Minnesota), Mike Allen (BAM), Alyssa Jagdfeld (MN AIA), Mike Robertson (Habitat for Humanity), Steve Ubl (building officials), Alison Lindburg (Midwest Energy Efficiency Alliance),

TAG Members absent: Jim Kumon (Heirloom Properties)

Guests attending: Amanda Spuckler (DLI), Nick Erickson, Jukka Kukkonen, Brian Hoffman, Adam Schminski, Brad Fevold, Craig Drumheller, Eric Lacey, James Williamette, Jason Vandever, Mark Mikkelson, Richard Hauffe, Stacy Miller

1. Call to order

2. Worksheet review of 2021 IECC code sections R405 through R407 and code change proposals as described below

#### Section R404.4 Additional electric infrastructure/electric readiness

TAG members reviewed code change proposal RE-8 that adds several code sections to require the installation of additional electric infrastructure in dwellings to support a transition to electric appliances. TAG members discussed if widespread adoption of electric appliances is imminent and whether adoption of electric appliances improve dwelling energy efficiency or reduces carbon output. TAG members also discussed the possibility of increasing panel size to accommodate future electrification rather than providing a branch circuit for equipment that may be installed at a later date. The TAG consensus is not to accept the code change proposal.

#### Section R404.4 Energy storage systems

TAG members reviewed code change proposal RE-9 that adds a section to the code to require dwellings to be provided with an electrical energy storage system. TAG members expressed concerns about the safety of energy storage systems and costs. The TAG consensus is not to accept the code change proposal.

#### Section R404.4 EV charging

TAG members reviewed code change proposal RE-10 that requires dwellings to be provided with an EV ready space. TAG members discussed the adoption of electric vehicles and panel space and conduits for EV charging. The TAG consensus is not to accept the code change proposal.

#### Section R404.4 Solar-ready zone

TAG members reviewed code change proposal RE-11 that requires one-and two-family dwellings and townhouses to have solar ready zone. TAG members discussed enforcement difficulties and design challenges. The TAG consensus is not to accept the code change proposal.

#### Section R404.4 Electric readiness

TAG members reviewed code change proposal RE-13 that add several sections to the code to require dwellings be equipped with additional electric infrastructure to allow for the transition. The TAG consensus is not to accept the code change proposal.

#### 2021 IECC Sections R405.1 through R407

TAG members reviewed these sections and TAG consensus is to accept sections 405 and 406 without changes. The TAG consensus is to delete section R407 because it addresses tropical regions and is not applicable to Minnesota's climate.

## **Next Meeting:**

Date: Tuesday, January 16, 2024

Time: 9:00 AM

Location: Hybrid – Washington Room/WebEx Event

**Meeting Adjourned:** 12:00 PM

**Prepared by:** Steve Shold