

Notes from Modeling Subcommittee 7/24/2023

Attendance

Participants (28)

Q Search

- CE Charles Eley
Cohost, me
- KS Kristopher Stenger
Host
- GE Greg Eades
Cohost
- AT Amiya/ TTUHSC
- BE Ben Edwards
- BB Bryan Bomer
- BH Bryan Holland-...
- DG David Goldstein
- DN Diana Burk, NBI
- DM Don Mock
- DP Doug Powell
- FG Frank Giunta
- GN Glen Clapper, NRCA
- GJ Greg Johnson
- JN Jason Vandever - NAIMA
- JE jim Earley
- JS Joe Cain SEIA
- KD Kevin Duell
- KG Krishnan Gowri
- LP Laura Petrillo-Groh
- M martha.vangeem
- MG Maureen Guttman
- MR Michael Rosenb...
- MT Michael Tillou
- PR Pratik Deokar - Rheem
- RL Renée Tom Deary
- TN Tom Deary
- TG Tom Gleason

Mute all Unmute all

CE2D-34-23

Proponent: Kevin Duell, NW Natural

Speaking in support: Bryan Holland, Renee Lani, Joe Cain, Diana Burk

Speaking in opposition: None.

Motion to approve Ben Edwards/Laura Petrillo-Groh – Passed 11/1/2

CE2D-33-23

Proponent: Renee Lani Since “34” was approved, this proposal would add the word “electrical” to the title of Section C405.13.3 and the associated table.

Motion to approve as modified: Ben Edwards/Anna McCullough 10/1/2

C405.13.3 Electrical Meters.

Meters or other measurement devices required by this section shall be configured to automatically communicate energy consumption data to the data acquisition system required by Section C405.13.4. Source meters shall be allowed to be any digital-type meter. Lighting, HVAC or other *building* systems that can self-monitor their energy consumption shall be permitted instead of meters. Current sensors shall be permitted, provided that they have a tested accuracy of ± 2 percent. Required metering systems and equipment shall have the capability to provide at least hourly data that is fully integrated into the data acquisition system and graphical energy report in accordance with Sections C405.13.4 and C405.13.5. Non-intrusive load monitoring (NILM) packages that extract energy consumption data from detailed electric waveform analysis shall be permitted to substitute for individual meters if the equivalent data is available for collection in Section C405.13.4 and reporting in Section C405.13.5.

C405.13.6 Non-electrical energy metering.

Consumption of non-electrical fuel or energy sources including district heating or cooling shall be automatically metered in accordance with Section C405.13.2 and C405.13.3 or a method developed for usage calculation annually or more frequently from energy bills. Natural gas usage shall be monitored through on site interval metering or from utility interval data, as available.

Reason Statement:

APGA appreciates the opportunity to provide IECC-C Committee this input. APGA is the national trade association for approximately 1,000 communities across the U.S. that own and operate their own retail natural gas distribution entities. They include municipal gas distribution systems, public utility districts, county districts, and other public agencies, all locally accountable to the citizens they serve. Public gas systems focus on providing safe, reliable, resilient, and affordable natural gas service to their customers. APGA members

CE2D-29-23

Proponent: Bryan Holland, NEMA

This documentation would be submitted with construction documents and should be perhaps be moved to the administrative section. Mr. Holland says it does not fit in C405.13.8.

After discussion, the working group *referred this code change proposal to the administration subcommittee*, which is chaired by Mr. Holland. No vote was taken, but no one spoke in opposition to this action.

CE2D-06-23

Greg Johnson: Delete “renewable energy resources” (a defined term) and replace it with “renewable energy” (an undefined term).

Speaking in opposition: Charles Eley, Diana Burk, Joe Cain, David Goldstein, Michael Tillou.

Motion to disapprove: Charles Eley/Diana Burk Passed 11/1/3

CE2D-58-23 and CE2D-59-23 (considered together)

Jay Crandell "58": Add "permitted to be" and deleted "the 30% reduction limit".

Greg Johnson "59" Deletes the 30% reduction but does not include the other language in "58".

Motion for Disapprove: Krishnan Gowri/Michael Tillou Failed 2/12/1

Motion for Approval: David Goldstein/Ben Edwards Passed 10/3/2

Greg Johnson agreed to withdraw CE2D-59-23 if CE2D-58-23 is approved by full committee