

Electric League Code Committee Meeting Notes from 02/17/2016 Submitted by Murray L McKinney Jr

Attendance:

Murray McKinney Jr.	Mckin Assoc.	Allan Toole	Power Plus
Brook Walker	Electric League	Dan Steinert	McKinstry
Andrew Pultorak	Puget Sound Energy	Tom Tomlinson	Cummins NW
Len Whalen	LDW Engineering	Tim Hingtgen	City of Bellevue
Rob Marks	Sno PUD	Al Hewitt	Bussmann
Ken McGowan	HDR	Rich Meell	City of Seattle (DCI)
Andrew Kosolutsky	NCPS / CAT	Serge Kisel	PAE Engineers
Michael Kim	PAE Engineers		

Opening:

Code Presentation (Residential Load Calculations) – Murray McKinney Jr

Murray Spoke about NEC 220.84 (Residential Load Calculations).

- NEC 220.84 Allows for a 23% demand factor on apartment loads as long as you have an electric range and electric hvac in every unit.
- The code allows for a dummy electric range load but not a dummy heating load.
- Based on a response from Seattle DCI as it concerned a memo from McKinney and Associates, Seattle will accept a dummy heating load based off of the mechanical calculations for heat loss of an apartment unit. A variance will need to be submitted for each job but Seattle is looking at adopting this heating dummy load into the next Seattle code cycle.

City of Seattle – Rich Meell

- Bob Johnson has retired from DCI.
- Seattle has positions open for plan reviewers and inspectors.
- Large project plan review time is 10-12 weeks.
- A project in Seattle is planning on using pre manufactured walls for a 40 story building. The electrical and comm cables are partially pre built into the walls.

City of Bellevue – Tim Hingtgen

- Bellevue is now fully staffed and is caught up on plan review.

PSE – Andrew Pultorak

- Nothing to report.

Snohomish PUD – Rob Marks

- There is a new lighting work book available.
- There will be a NW energy efficiency show that will offer training and classes in energy reducing technologies.

Energy Code – Dan Steinert

- Seattle has had 3 meetings concerning the Seattle Energy Code.
- Topics are only allowed to be discussed once per meeting. Follow up comments must be emailed.
- Seattle is reviewing a possible mid code cycle reduction on watts / sqft for lighting.
- Seattle may reduce open offices down to .6 watts / sqft for the lighting budget.

Electric League Code Committee Meeting

Page 2

- There may be metering requirements if a certain percentage of your HVAC equipment is replaced in a single year.
- Inspectors want any metering equipment within a panelboard to be rated to go into that panelboard. Retrofit installations of metering equipment would require an enclosure outside of the panelboard to place the CT's within.
- Seattle is reviewing a possible reduction of the onsite required renewable energy requirements but increase the solar readiness requirements.

IAEI - Al Hewitt

- There was a meeting in January
- There will be a section meeting in September hosted by the Puget Sound Chapter to review the 2017 NEC.

State Legislator – Ken McGowan

- Ken is part of the AELC – Architects and Engineers Legislative Council that works with legislators on bills that concern the construction industry. There are several major partners in the electrical industry except for IEEE
- AELC is focusing on bills that would have an impact a on the cost of doing business.
- HB 1375 would require the owner to be present for electrical inspections.
- There is another bill that would require electricians to install on modular office partitions that have electrical wiring within.

Electric League – Brook Walker

- February 18th – There will be an economic forecast meeting
- March 25th – Utility Programs and Incentives meeting
- May 20th – Emerald Downs Gathering

New Business – Len Whalen

- Len mentioned that the city of Tukwila is requiring that the fire detectors with in condos and apartments need to signal the general fire alarm for the entire building.
- Typically only the corridor fire detectors trigger the general alarm.
- This requirement creates a problem with nuisance alarms for the entire building as well as it being expensive to wire every residential fire detector back to the general alarm.

Next Meeting: March 16, 2016 PSE Forum Room

Adjournment