

**Electric League Code Committee
Meeting Notes from 05/18/2016
Submitted by Murray L McKinney Jr**

Attendance:

Murray McKinney Jr.	Mckin Assoc.	Allan Toole	Power Plus
Murray McKinney Sr.	Mckin Assoc.	Andrew Kosobutsky	NC Power Systems
Brook Walker	Electric League	Cameron Clark	Eaton Electric
Andrew Pultorak	Puget Sound Energy	Ken McGowan	HDR Engineering
Len Whalen	LDW Engineering	Tim Hingtgen	City of Bellevue
Dennis Straley	Labor and Industries	Randy Wilson	Cummins
Al Hewitt	Bussmann	Rob Marks	Sno PUD
Dan Steiner	McKinstry	Brett Hanson	Seattle City Light
Curtis Lu	Seattle City Light	Toni Imad	PSE
Danaiel Salinas	Salinas Lighting Cons	Tam Tran	Power Studies Inc.
Jeff Fitzloff	UL		

Opening:

Presentation (PSE and SCL Services) – Murray McKinney / Brett Hanson / Curtis Lu

Murray McKinney spoke about the challenges of meeting utility requirements for service conductors and busway flanges, SCL was also present to discuss.

- SCL stated that they limit the number of cables to 12 due to cable management concerns and the fact that their bus collectors are only rated for 8 connections each.
- SCL uses a wall mounted bus that could handle additional sets in their network system exclusively. SCL may allow the use of this wall mounted bus to radial customers as well but it is more costly to buy and install.
- PSE noted that they do make exceptions on a case by case basis when a customer asks to bring in additional sets than what is stated in PSE's standards.

Labor and Industries – Dennis Straley

- Dennis Presented on the history of listing and labeling electrical equipment.
 - Chicago's world fair was the first large scale display of electrical power. It was also the birth of UL (Underwriters Laboratory).
 - In 1935 Washington State adopted installation requirements for electrical systems.
 - In 1973 Washington State required electricians to take exams.
 - Boeing made a major push back on regulation of control panels.
 - Boeing noted that they are skilled at creating these panels and should be exempted from Washington State's listing requirements.
 - The exception was adopted in 1993.
 - In 2006 the state created an engineering evaluation for control panels. For Industrial Utilization Equipment a qualified engineer can check the standards and confirm if equipment meet standards.
 - The difference between Listed and Labeled Equipment:
 - Listed – Has undergone destructive testing in a lab.
 - Labeled – Labeled equipment could be done in the field.
- There has not been an update on the online submission process for L&I.
- There will be a state wide stake holders meeting next year.
- There are 8 openings for electrical inspectors in the state.

City of Seattle – Not Present

City of Bellevue – Tim Hingtgen

- Bellevue held an Energy Code Presentation that was very informative.
- The light rail project is progressing steadily along 112th.

PSE – Andrew Pultorak

- Nothing to report.

Snohomish PUD – Rob Marks

- Sno PUD is reviewing how energy codes are affecting their rebate programs.
- There will be an upcoming Energy Management Conference.

Energy Code – Dan Steinert

- The Dedicated Outdoor Air System (DOAS) requirement is set for July of 2017.
- There is some confusion where the energy code will be located on their website. It appears the energy code use to be a HTML document with reference links but now only resides as a pdf.

IAEI / NFPA – Al Hewitt

- Nothing to Report

UL – Jeff Fitzloff

- Several LED retrofit installations are not following installation requirements.
- LED retrofit projects do require permits.

IEEE/IAS – Cameron Clark

- Thomas Betts presented on surge protective devices.
- IAS will be on Hiatus for the summer.

Electric League – Brook Walker

- Emerald Downs Event – May 20th
- Amazon Energy Exchange Tour – May 26th
- Mariners Even – June 24th
- Golf Event – August 18th

Next Meeting: June 15th, 2016

Adjournment