MINUTES
Orange Empire Division
International Association of Electrical Inspectors

Date: 03Apr2018.
Location: Santa Ana Elks Lodge, 212 S. Elk Lane, Santa Ana, California.
Called to order by Henry Martinez at 12:07 p.m.

Self introductions by first-time or long-absent attendees.

Minutes for March, 2018 were approved without dissent.

**Treasurers Report**
The Treasurer’s report was postponed.

**Membership Comm. Report**
Postponed.

**Old Business**
None addressed.

**New Business**
Henry announced that next month’s meeting will be at the Garden Grove Elks Lodge.

**Code Questions**
Dennis McCreary with the City of La Habra spoke about a mailing he had received from a manufacturer regarding the 120% rule that is applied to bus ratings when supplied from utility and PV sources, and was accepted by the State. Henry Martinez stated that he had received a bulletin from the State regarding acceptance of applying the 120% rule to center-fed-breaker
loadcenters. Scott Davis stated that his jurisdiction does not accept application of the 120% rule to center-fed-breakers, unless it complies with requirements in the 2014 NEC.

Dennis also spoke about a contractor who was telling customers that protecting existing receptacles, which do not have an equipment-ground, with GFCI equipment is not acceptable. The group confirmed that such protection is acceptable.

**Inspector Time**
Henry Martinez spoke about an inspection of a service upgrade: the installer had installed a new service over the existing service.

**Contractor Time**
Roger with No fix No Pay spoke about HUD inspectors who want a ground installed when a test shows that no equipment ground is present at receptacles, and will not accept GFCI protection.

**Manufacturer Time**
Gary Gluck with Siemens asked the group if they would accept application of Energy Code requirements of a version later than that of the other Codes that were being applied to a project. Henry Martinez with the City of Brea stated that it was likely that his Building Official would agree to that. Dennis McCreary with City of La Habra said that he would likely agree especially if adoption of the newer version were at hand and the version was applied in its entirety.

**Utility Time**
None taken.

**Testing Lab Time**
None taken.

**Consultant Time**
None taken.

**Education Program: Appliances.**
Presented by Scott Davis.
Began at 12:40 p.m.
Scott spoke about the following NEC sections.

422.5 GFCI Protection for Personnel.
Branch Circuit Ratings for Appliances 110.3(B) and 422.10(A).
422.10 Appliance Branch Circuit Ratings.
422.11 Appliance Overcurrent Protection.
(422.11(E) Single Non-motor Appliances.
422.13 Storage Water Heaters (... continuous load for sizing branch circuits).

422.11(F)(3) Water Heaters Heating Elements Rated More Than 48 Amperes.
422.15 Central Vacuums (Sec 210.23(A): (If 50% of branch-ckt rating, must have a separate ckt.)
422.23 Tire Inflation and Automotive Vacuum Machines. (Public use requires GFCI protection.)
422.16(A) Cords for Appliances.
422.16(B) Waste Disposer.
422.16(B)(2) Dishwashers. (210.8(D) All dwelling dishwashers-GFCI.)
422.16(B)(4) Range Hoods.
422.18 -422.21 Paddle Fans. (404.2(C) Paddle Fan Rule (switches)).
422.49 High-Pressure Spray Washers.
422.51 Vending Machines. (422.2 Vending Machine Definition).
424.19 Disconnecting Means (Fixed space-conditioning......???)
424.66 Installation (Duct Heaters).
422.33 Appliance Disconnecting Means.
422.34 Unit Switches as Disconnects.
422.52 Electric Drinking Fountains.

Adjourned at 1:46 p.m.

Minutes respectfully submitted by Dan Vaughan.