

NEW JERSEY--SKYLAND DIVISION 1-40-1
Hunterdon, Morris, Somerset, Sussex, and Warren Counties
International Association of Electrical Inspectors



8 September 2011

Board of Directors:

President
Robert Rutan

1st V/President
Robert Moentenich

Secretary
Greg Chontow
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Treasurer
Andre Cartal

The Officers:
James Alsop
Pete Buchanan
Jeff Hockenbury
Casey Hoff
David Menendez
Joseph Rossi
Donald Storms
Michael Wright

President Bob Rutan opened the meeting at 6:07pm with the flag salute and a moment of silence for our men and women over seas. Treasurer Andy Cartal reported that we have a healthy balance in the bank and all bills are paid up to date. There was a motion to accept the treasurers report, and was seconded. Next, Secretary Greg Chontow mentioned that in addition to the minutes of July emailed to everyone, it is also posted on the website and on the table. A motion was made to accept the minutes which was seconded and accepted. The president then reminded everyone that the Eastern Section conference was two weeks away and a short drive into New York City. Anyone who can attend would really benefit from the programs offered. The meeting was then opened up to new business. Don Storms asked if anyone had an opinion on the use of MC cable in a horse barn. Although 547 prohibit the use due to *excessive* dust, another section refers to agricultural buildings that do not have those conditions. A lengthy discussion then brought up the nondescript words used in the code such as Excessive, and Near. Another opportunity for a code change proposal. A question arose about panels being mounted in the horizontal position. It was determined that it is prohibited in the code by article 240.81, stating that if the breaker is in the vertical position (which it would be if the panel was horizontal) then the up position shall be the on position. Half the breakers would not comply. Due to the hurricane and excessive flooding, It was asked how we are addressing equipment that was formerly submerged. Regulatory Affairs stated that breakers and panelboards were to be dried out and given a TCO for 60 days in which time they are to replace all flooded equipment. Romex was then questioned if it too should be replaced. The answer from Regulatory Affairs was no. Greg Chontow then mentioned that the 10 hour code update course was all set for 5 October and there is still time to register. It was then asked if anyone would be interested in a 5 hour grounding course. A number of hands went up. More info on that to follow. The President then gave everyone the task of bringing a friend to the next meeting. It is very important that we are all on the same page and we can do that if we are all at the same meeting learning the same things. Bob Moentenich brought to our attention that there was a recall of Philips florescent reflector floods whose glass can separate when screwed in. After dinner, our meeting resumed with John Nakahara from Cooper Industries. John started out by saying that one

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inverter is required for each roof pitch. He then gave a very interesting presentation on OCPD for solar using combiners and re-combiner boxes, showing calculations required for each OCPD. In the US, PV system voltage is capped at 600vdc. Elsewhere it is 1000vdc or more. Cooper produces a ceramic midget fuse that is rated at 1000vdc, which differs from a typical ferrule fuse in that it can safely clear both low and high fault currents. John concluded his presentation with a round of applause.

The meeting was then concluded at 8:59pm

Respectfully Submitted
Greg Chontow