

NEW JERSEY SKYLANDS CHAPTER

International Association of Electrical Inspectors

Hunterdon, Morris, Somerset, Sussex, and Warren Counties



12 March 2015

Officers:

President

Robert Rutan

1st V/President

Robert Moentenich

Secretary

Greg Chontow

29 Normandy Circle

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Treasurer

Donald Storms

Board of Directors:

James Alsop

Frank Baguiao

Stan Fagerty

Chris Frankowski

Roy Konwiser

Thomas La Monaco

William O'Connor

Chris Walthour

President Bob Rutan opened the meeting at 6:07pm with the flag salute and a moment of silence for our men and women overseas. President Rutan then started off the business meeting by asking Treasurer Don Storms to give a report. Don stated that we have a solid balance in the account. Bob then asked Secretary Greg Chontow for the Secretary's report. Greg mentioned that the minutes of the January meeting were posted on the Chapter's web site, and asked if there were any changes required. As no one had any changes, he asked for a motion from the floor which was made and seconded. Bob then reported on a study that showed that within the next ten years, fifty percent of electrical contractors will be retired. There is an urgent need for apprentices. With that comment, Dave Menendez stood up and introduced his most recent class of inspector candidates that he brought with him. He also mentioned that the permit extension act was once again extended until December of 2015. Bob next mentioned that he and Greg would be teaching classes on Emergency Systems and Pools this spring for DCA / Rutgers throughout the state. Bob next introduced Tom LaMonaco who mentioned that there will be a electrical trade show in October in Valley Forge, Pennsylvania. The Benjamin Franklin Chapter will be manning a booth. Jim Alsop mentioned that Assembly Bill 4052, if passed, will require pool contractors to be licensed. Although new construction will require an electric contractor to install electrical equipment, the Pool and Spa Service Contractor license will allow for servicing the electrical equipment. Additionally, the newly formed board would require a licensed plumbing inspector, but only an IBEW member on its board. Jim suggested that members contact their assemblymen. Bob then introduced Ken Verbos and Dave Greenhill from the DCA's Regulatory Affairs and Code Assistance respectively to our meeting. They fielded questions from the floor: How is a utility company (New Jersey Natural Gas) allowed to perform electrical work not pertaining to a furnace. Their response was that they were not permitted to respond to questions about licensing or business practices of contractors which should be referred to the Board of Examiners of Electrical Contractors. Another question was to the mounting height of meters in flood zone. The answer had many variables based on the specific location. They also spoke on the required bonding of pools and pointed out that there is no standard on the resistance. Dave also mentioned that best case scenario for the

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implementation of the 2014 NEC will be June with a six month grace period, bringing it into mandatory requirement in December of 2015. The membership showed their appreciation with a round of applause. President Rutan then introduced our guest speakers for the evening, Rob Lowe and Roy Allen of ABB. Rob mentioned that his former company, Power One, was purchased by ABB, one of the largest electrical power companies making it one of the largest string inverter manufacturers. Roy then went on to mention that there are significant changes to the 2014 NEC regarding solar, one being the rapid shutdown requirement of NEC 690.12. This requirement, initiated by fire officials, mandates that the output power of a PV array be shut down within ten seconds of initiation. Roy went on to demonstrate the functionality of an inverter including the conversion from DC to square wave AC to sine wave AC (Pulse Width Modulation). He also demonstrated the difference between an Isolated Inverter vs. Transformerless Inverter, using an ungrounded wiring system used in Europe for many years. Roy then took questions from the audience and concluded with a round of applause. With the conclusion of the presentation, the President closed the meeting with 41 members present.

Respectfully Submitted
Greg Chontow, Secretary