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PE Corner
Art Nordlinger, PE, Senior Member
Tracking Your Continuing Education

Many Professional Engineers are licensed in multiple states, each of which has its own continuing education requirements. Additionally, each state has its own rules regarding what qualifies as acceptable continuing education courses. A number of services are available to PEs to help keep track of the continuing education requirements for each state in which they are registered, and how those match up with courses taken to assist the engineer in assuring that they have the required hours for each state at renewal time. Here are two examples of available services for tracking continuing education, one of which has other features beyond tracking continuing education. I am not endorsing either.

NCEES CPC Tracking

The National Council of Examiners for Engineering and Surveying (the folks that provide all of the engineering licensure exams) offer a free service to track your continuing education. More information may be found at https://ncees.org/cpc/, The service allows an engineer to:

Select the appropriate state licensing boards and enter renewal period information for each.

Add the course information and corresponding continuing education hours (CEH). Supporting documentation can be uploaded to your account and the course and CEHs will be applied to the appropriate states.

Track your progress by viewing a side-by-side comparison of the state’s requirements and your completed CPC courses.

Transmit your CPC transcript electronically to a state licensing board.

Continued on Page 2
Renew Central

The Florida Board of Professional Engineers recently announced a partnership with Renew Central. Though Renew Central started providing their services in Florida, they have stated that they are expanding to other states. Different than the NCEES product, Renew Central also allows continuing education providers to list their courses, allowing engineers to use that as a source of information on available courses that satisfy a State’s CE requirements. It also allows engineers to rate those courses. Renew Central offers several levels of service, the most basic of which is free, with more comprehensive services provided for a fee. There is no obligation for Florida PEs or continuing education providers to use Renew Central’s services. Additional information may be found at https://renewcentral.com/.

Their services include:
- Self-Reporting & Transcripts
- Requirements Tracker
- Course Directory
- Premier Personal Renewal Advisor

Whether you are a PE looking to attain required CEHs, or an engineer looking to learn something new or keep current with the latest trend in the profession, IEEE has seminars that will meet your needs. And for the PEs, don’t forget that the next renewal is only 1 month away. Better finish earning those CEHs now!

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IEEE 1547.8, Draft 8;
“Recommended Practice for Establishing Methods and Procedures that Provide Supplemental Support for Implementation Strategies for Expanded Use of IEEE Standard 1547”

Date: Friday, January 22, 2021
Time: 10:00 AM - 2:00 PM
Cost: $100 members, $150 Non-Members, $10 Students
Speakers: Mr. Wayne Hartman, IEEE Senior Member
CEHs: Four (4) CEH will be awarded. Be sure to enter your name and PE number on the signup website as it appears on your license. IEEE Florida Provider Number is 0003849.
Location: This seminar will be presented virtually (online live) and the link sent the day prior.
Registration: https://events.vtools.ieee.org/m/242289
Questions: Robert DeMelo, (813) 963-0994, Robert.demelo@ieee.org
Steve Antman, (813) 460-5434, steveantman@ieee.org

Abstract: This technical session explores IEEE 1547.8, Draft 8, “Recommended Practice for Establishing Methods and Procedures that Provide Supplemental Support for Implementation Strategies for Expanded Use of IEEE Standard 1547.” This recommended practice applies to the requirements set forth in IEEE Std. 1547 and provides recommended methods that may expand the usefulness and uniqueness of IEEE Std 1547 through the identification of innovative designs, processes, and operational procedures. It considers the application of DER based on an overall system-wide, system integration basis. IEEE 1547 was established based on its requirements being satisfied at the point of common coupling (PCC), but 1547.8-D8 additionally addresses DER interconnection considerations beyond the PCC. We’ll address:
- DER interconnection system-level potential adverse effects
- Opportunities for EPS improvement, considering DER technology capabilities
- Operation of the Area EPS (distribution system) and operation of the Local Isolated EPS (microgrid)
- Effects on power quality, including voltage and frequency concerns
- DER interconnection response to abnormal Area EPS conditions of voltage, frequency, faults
- Advanced capabilities of DER functions for supporting Area EPS operations
- Potential for DER’s to increase reliability and efficiency of electricity delivery and grid operations

A decision was made in 2014 to roll select information from IEEE 1547.8-D8 into the presently being revised 1547.2, “IEEE Application Guide for IEEE Std 1547, IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems.” The selected rolling of key information from IEEE 1547.8-D8 into IEEE 1547.2 will leave out details. This exploration will review key sections in detail.

Biography: Wayne Hartman is a Senior Member of IEEE, serving as a Main Committee Member of the Power System Relaying and Control Committee (PSRC) for over 30 years. His involvement includes being Chair Emeritus PSRCC’s Rotating Machinery Subcommittee (“07’-10), contributing to numerous Standards, Guides, Reports, Tutorials and Transactions and delivering Tutorials IEEE Conferences. He has authored and delivered dozens of conference papers and contributed to McGraw-Hill’s “Standard Handbook of Power Plant Engineering.” Wayne has trained over 25,000 engineers and technicians in his 30-year career span.
Arc Flash - Updates and Training on NFPA 70E-2021
Electrical Safety in the Workplace

Date: Friday, February 12, 2021
Time: Google Meeting Seminar: 8:00AM – 4:30PM
Speaker: John Leedy, P.E., President, Engineered Electric Services, LLC (EES)
Location: Over-the-web. Google Meet
Cost: $250 Members, $300 Non-Members (Non-Members interested will receive a membership in IEEE), $100 Students. Includes seminar text: “NFPA 70E – 2021, Standard for Electrical Safety in the Workplace” (a $50 value)
CEH Credits: Eight (8) professional development hours will be awarded. Be sure to enter your name and PE number on the signup website as it appears on your license. Florida exempt provider #00015.
RSVP: Online at: https://events.vtools.ieee.org/m/247106
Questions: Steve Antman at (813) 460-5434, or steveantman@ieee.org

Your local IEEE PES/IAS Chapter is offering this 8-hour training on Electrical Safety in the Workplace by John Leedy, president of Engineered Electric Services.

This training session will be devoted to the subject of Electrical Safety in the workplace. Topics such as “how does electrical safety and the NFPA-70E apply to the workplace” and “what is required to be compliant with the standards” will be covered. A copy of the standard, NFPA-70E-2021 Standard for Electrical Safety in the Workplace is included in the training costs.


Along with several other career related certifications earned since being with Engineered Electric Services, (formerly Leedy Electric Corp), he earned his Certified Power Quality Professional certification and has been working with NFPA 70E regulation since 2002, performing site Arc Flash Hazard Analysis and training management and employees on the standard. EES is located in Mulberry Florida, and has been in business since 1975, specializing in Engineering and Electrical Service for the commercial, manufacturing and industrial industries.
### Suncoast Signal Advertising Rates

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863-425-2698  
www.eesllcfl.com
January 2021 Calendar of Events *(For more information see Page 1 in this Signal)*

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