



Thursday, October 25, 2018

SD IEEE Industry Applications Society (IAS), PES, PELS joint chapters Meeting

IEEE 3002 Dot Standards Recommended Practice for Conducting Power System Studies and Analysis of Industrial and Commercial Power Systems

Speaker: Farrokh Shokooh, PhD, PE, IEEE Life Fellow, CEO and President of ETAP

Abstract:

The new IEEE 3002 Dot Standards provide specific recommendations for conducting power system studies and analysis based on the latest software technologies. The focus of this presentation is on IEEE 3002.2 (load flow), 3002.3 (short circuit), 3002.7 (motor starting), and 3002.8 (harmonic) analysis of large industrial facilities. Topics to be covered include:

- Design and operation objectives and constraints
- Identification of required studies
- Optimization of critical data based on competing study types
- Analysis of study results for worst case conditions
- Data collection, modeling, and validation processes
- Applicable standards and codes
- Project illustration of the IEEE 3002 System

Speaker Bio:

Dr. Shokooh has served on the faculty of Louisiana State University and University of California, Irvine. He was a staff engineer for Fluor Corporation for six years before founding ETAP in 1986 where he has been serving as the Chief Executive Officer and President. His teaching and research interests include mathematical modeling and dynamics of electrical machines and power systems. His industrial experience ranges from conceptual design, control, and operation of power systems, to computer software design and development. His areas of expertise include cable systems, shock protection, short-circuit, transient stability, and protective device coordination.



He is an IEEE Life Fellow and Chairman of the IEEE 3002 Working Group. He is a registered Professional Engineer in the states of California and Texas.

Registration is required. Please use link to RSVP: <https://events.vtools.ieee.org/m/178488>

Date: 25 October 2018

Time: 6:00 – 8:30 PM

Address: 10401 Roselle St, San Diego, CA, 92121
Building: Advanced Test Equipment