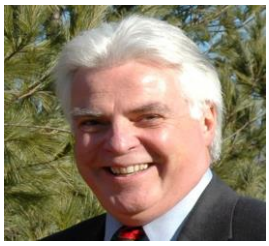
MEET THE SPEAKERS

Babak Enayati, PhD, PE - National Grid, Lead R&D Engineer, Co-Chair IEEE 1547™ Revision, IEEE PES Board of Governor Member

Mr. Enayati received his PhD in Electrical Engineering from Clarkson University, Potsdam, NY in 2009. He is currently a Lead Research Development and Demonstration Engineer at National Grid, Waltham, MA. He joined IEEE in 2006 and currently is Senior Member, IEEE and the IEEE Power and Energy Society (PES) Governing Board Member-At-Large. Babak is the Vice Chair of the IEEE Standards Coordinating Committee 21 (SCC21) and IEEE 1547™, Standard for Interconnecting Distributed Resources with Electric Power Systems. Babak is also the Chair of IEEE PES Distributed Resources Integration working group. Babak is a registered Professional Engineer (PE) in the state of Massachusetts.



Robert Cummings– NERC, Senior Director of Engineering and Reliability Initiatives

Mr. Cummings joined NERC in 1996 and has extensive experience in the industry in system planning, operations engineering, and wide area planning. He holds a Bachelor of Science Degree in Power System Engineering from Worcester Polytechnic Institute and is an IEEE Senior Member.

He is a member of the U.S. Department of Energy (DOE) Electricity Advisory Committee, and its Energy Storage and Smart Grid Subcommittees. Cummings is also a member of the Scientific Advisory Board of CURENT (Center for Ultra-wide Area Resilient Electric Energy Transmission Networks), a National Science Foundation and Department of Energy Engineering Research Center at the University of Tennessee, Knoxville.

His geographically diverse experience includes Central Vermont Public Service Corporation in System Planning (generation and transmission), Public Service Company of New Mexico (Operations Engineering and Wide Area Planning), and the East Central Area Reliability Coordination Agreement (ECAR), a former regional office of NERC.

He was a principal investigator of the 2003 Northeast Blackout and the more recent September 8, 2011 Arizona-Southern California Outage, leading multiple event analysis teams in the sequence of events development, modeling and studies (powerflow and dynamics analysis),

and transmission/generation performance areas. He directed the NERC Event Analysis program for five years, leading or working on 12 major disturbance analyses.

Mr. Cummings is the senior staff technical advisor for the NERC System Analysis and Modeling and the System Protection and Controls Subcommittees, and is the technical advisor to the North American Synchro-Phasor Initiative. He is also the technical director of the NERC System Protection Improvement Initiative, the Modeling Improvements Initiative, and the Frequency Response Initiative.

Kevin Chen - Duke Energy, Lead Engineer, DER Technical Standards, Distributed Energy Technologies
Kevin is currently a lead engineer in the DER technical standards group of Distribution Energy Technologies department at Duke Energy, Raleigh, NC. His duties include leading the Inspection & Commissioning Program for distribution-connected DER facilities, development of DER system protection standards, and providing technical assistance for DER interconnection studies. Prior to joining Duke Energy, Kevin was a senior consulting engineer at DNV GL with experience in a variety of areas, including DER integration, energy storage technology and application, smart grid and microgrid modeling, T&D system modeling and analysis, etc. Kevin Chen is a registered Professional Engineer in the state of North Carolina.

Jason Allnutt – IEEE-Standards Association, Program Manager, IEEE Conformity Assessment Program (ICAP)
Jason currently serves as program manager for four IEEE Conformity Assessment Programs (ICAP) all in the Power and Energy sector. His duties include oversight of the Conformity Assessment Steering Committees for each program as well as providing technical input when necessary. Prior to joining IEEE-SA Jason spent five years at a Nationally Recognized Test Lab (NRTL) where he performed military and FCC style Electromagnetic (EMC) Testing. Jason received his undergraduate Electrical Engineering degree from the University of Pittsburgh where he concentrated in Power Systems.
Contact Jason Allnutt j.allnutt@ieee.org